

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031219\
 Data File : VN054179.D
 Acq On : 12 Mar 2019 23:05
 Operator : JC/SP
 Sample : VN0312WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBS02

Quant Time: Mar 13 07:30:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1452285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2219414	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1954346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	929472	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	775018	50.25	ug/l	0.00
Spiked Amount			Recovery	=	100.50%	
35) Dibromofluoromethane	7.59	113	704853	49.24	ug/l	0.00
Spiked Amount			Recovery	=	98.48%	
50) Toluene-d8	10.09	98	2549160	48.22	ug/l	0.00
Spiked Amount			Recovery	=	96.44%	
62) 4-Bromofluorobenzene	12.40	95	890107	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	290079	21.075	ug/l	98
3) Chloromethane	2.06	50	279217	20.884	ug/l	100
4) Vinyl Chloride	2.19	62	318009	20.810	ug/l	97
5) Bromomethane	2.57	94	215287	20.341	ug/l	96
6) Chloroethane	2.71	64	180743	19.548	ug/l	99
7) Trichlorofluoromethane	3.02	101	397800	19.579	ug/l	99
8) Diethyl Ether	3.41	74	198709	21.462	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	321413	21.111	ug/l	99
10) Methyl Iodide	3.94	142	358632	17.587	ug/l	99
11) Tert butyl alcohol	4.82	59	106190	100.432	ug/l	100
12) 1,1-Dichloroethene	3.73	96	322363	21.366	ug/l	98
13) Acrolein	3.61	56	75327	75.183	ug/l	100
14) Allyl chloride	4.32	41	395596	20.436	ug/l	99
15) Acrylonitrile	4.99	53	461748	106.315	ug/l	99
16) Acetone	3.82	43	357136	80.872	ug/l	98
17) Carbon Disulfide	4.04	76	765970	20.252	ug/l	99
18) Methyl Acetate	4.33	43	200098	22.396	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	804014	21.499	ug/l	100
20) Methylene Chloride	4.55	84	303349	20.920	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	300160	20.764	ug/l	99
22) Diisopropyl ether	5.96	45	809552	20.954	ug/l	99
23) Vinyl Acetate	5.90	43	2996670	105.198	ug/l	99
24) 1,1-Dichloroethane	5.85	63	522724	21.072	ug/l	99
25) 2-Butanone	6.85	43	515439	99.446	ug/l	99
26) 2,2-Dichloropropane	6.82	77	380564	17.445	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	348655	21.619	ug/l	98
28) Bromochloromethane	7.19	49	197990	19.523	ug/l	97
29) Tetrahydrofuran	7.22	42	353291	106.013	ug/l	99
30) Chloroform	7.37	83	559830	21.627	ug/l	99
31) Cyclohexane	7.65	56	472762	19.639	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	490478	20.980	ug/l	99
36) 1,1-Dichloropropene	7.79	75	405815	19.855	ug/l	99
37) Ethyl Acetate	6.94	43	241759	20.586	ug/l	99
38) Carbon Tetrachloride	7.77	117	418277	19.515	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	493006	19.605	ug/l	99
40) Benzene	8.04	78	1217463	20.816	ug/l	99
41) Methacrylonitrile	7.18	41	121191	18.074	ug/l	94
42) 1,2-Dichloroethane	8.12	62	411251	20.827	ug/l	99
43) Isopropyl Acetate	8.17	43	414949	20.130	ug/l	99
44) Trichloroethene	8.83	130	376767	20.737	ug/l	98
45) 1,2-Dichloropropane	9.12	63	300609	20.699	ug/l	99
46) Dibromomethane	9.21	93	206745	21.069	ug/l	98
47) Bromodichloromethane	9.40	83	401772	20.424	ug/l	99
48) Methyl methacrylate	9.20	41	220819	21.108	ug/l	99
49) 1,4-Dioxane	9.21	88	61200	413.591	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1137808	104.300	ug/l	99
52) Toluene	10.16	92	769626	20.753	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	390819	18.666	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	454558	19.829	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	281284	20.772	ug/l	99
56) Ethyl methacrylate	10.43	69	330895	20.494	ug/l	98
57) 1,3-Dichloropropane	10.71	76	459545	20.755	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	605606	97.463	ug/l	100
59) 2-Hexanone	10.75	43	718567	98.992	ug/l	100
60) Dibromochloromethane	10.90	129	305063	20.015	ug/l	99
61) 1,2-Dibromoethane	11.01	107	286587	20.826	ug/l	99
64) Tetrachloroethene	10.63	164	392237	20.758	ug/l	100
65) Chlorobenzene	11.43	112	885619	20.638	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	317693	20.380	ug/l	99
67) Ethyl Benzene	11.51	91	1442335	20.276	ug/l	100
68) m/p-Xylenes	11.62	106	1135331	40.836	ug/l	100
69) o-Xylene	11.95	106	555171	20.484	ug/l	99
70) Styrene	11.96	104	879066	20.681	ug/l	100
71) Bromoform	12.13	173	201014	18.471	ug/l #	99
73) Isopropylbenzene	12.25	105	1484119	19.958	ug/l	100
74) N-amyl acetate	12.07	43	331209	20.066	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	316159	19.955	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	384981	28.166	ug/l #	100
77) Bromobenzene	12.53	156	389781	19.808	ug/l	99
78) n-propylbenzene	12.59	91	1606098	19.905	ug/l	100
79) 2-Chlorotoluene	12.67	91	965213	19.895	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1228637	19.863	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	68142	17.042	ug/l	92
82) 4-Chlorotoluene	12.77	91	959283	19.802	ug/l	99
83) tert-Butylbenzene	12.99	119	1131407	19.872	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1233499	20.327	ug/l	99
85) sec-Butylbenzene	13.17	105	1473357	19.955	ug/l	100
86) p-Isopropyltoluene	13.29	119	1297504	20.031	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	671743	20.259	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	659901	20.259	ug/l	99
89) n-Butylbenzene	13.61	91	993001	20.176	ug/l	100
90) Hexachloroethane	13.87	117	197946	18.455	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	673140	20.767	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	48365	19.727	ug/l	98

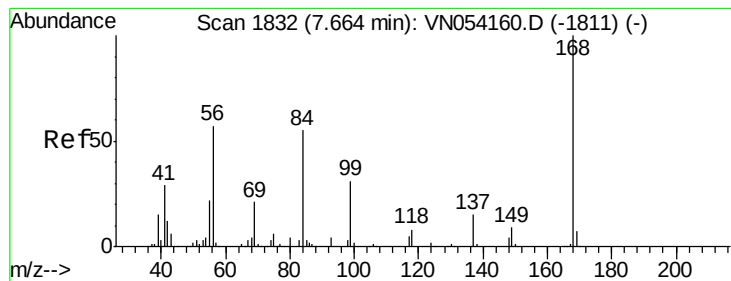
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031219\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	354049	19.698	ug/l	99
94) Hexachlorobutadiene	15.01	225	251251	20.350	ug/l	100
95) Naphthalene	15.13	128	708956	19.653	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	358458	20.813	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

Instrument :

MSVOA_N

ClientSampleId :

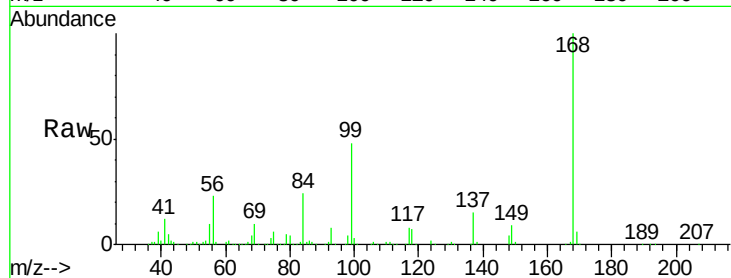
VN0312WBS02

Tot Ion:168 Resp: 1452285

Ion Ratio Lower Upper

168 100

99 47.4 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

600000

500000

400000

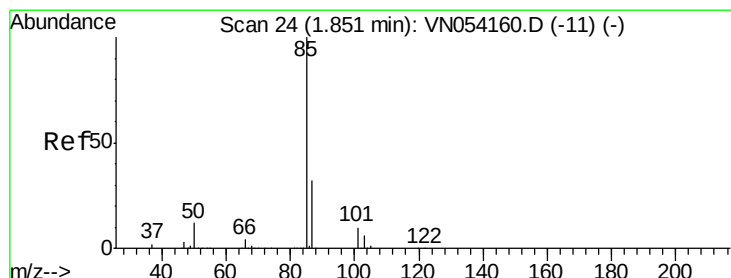
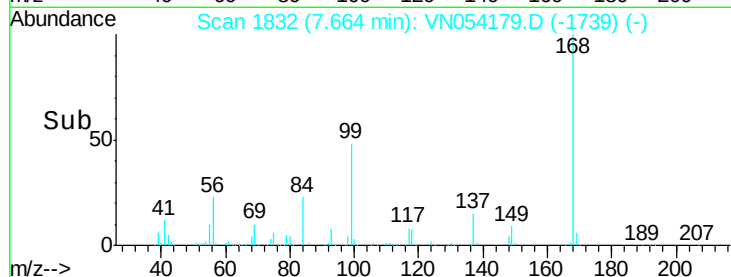
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 21.075 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN054179.D

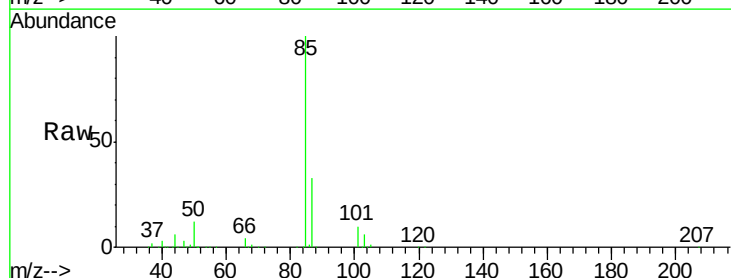
Acq: 12 Mar 2019 23:05

Tgt Ion: 85 Resp: 290079

Ion Ratio Lower Upper

85 100

87 33.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

250000

200000

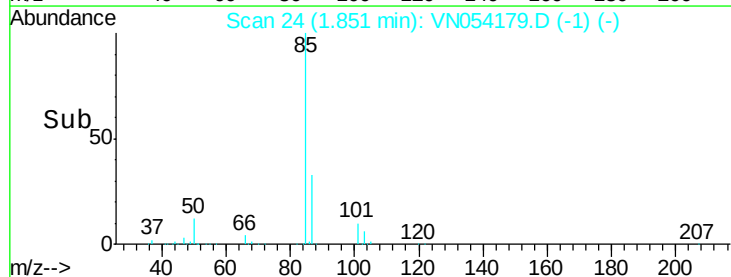
150000

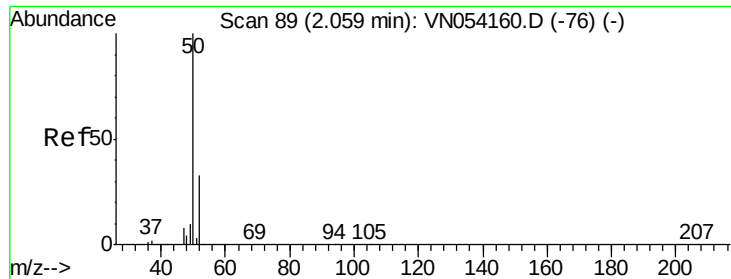
100000

50000

0

Time--> 1.80 1.85 1.90 1.95

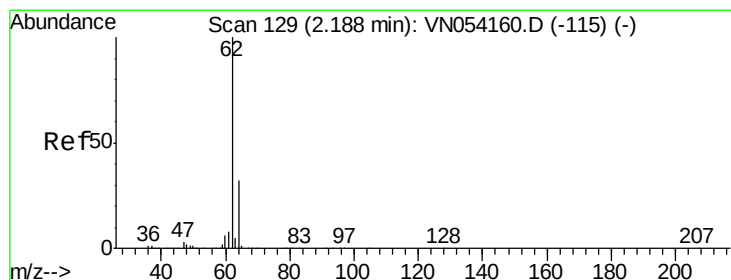
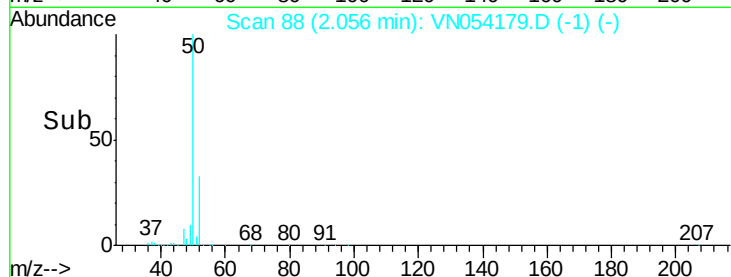
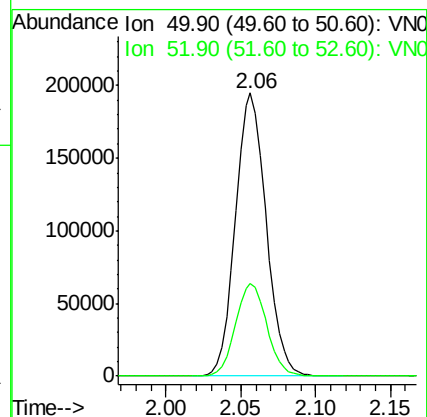
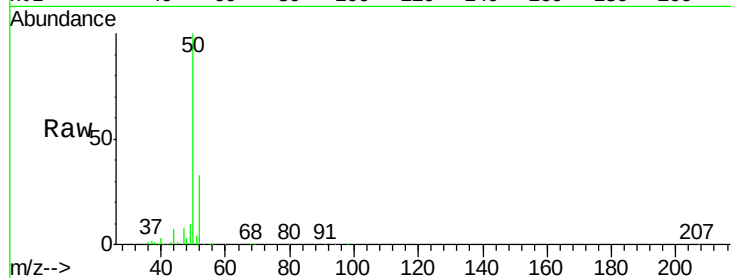




#3
Chloromethane
Concen: 20.884 ug/l
RT: 2.06 min Scan# 88
Delta R.T. -0.00 min
Lab File: VN054179.D
Acq: 12 Mar 2019 23:05

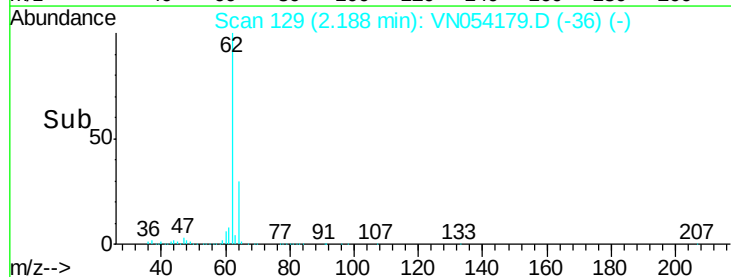
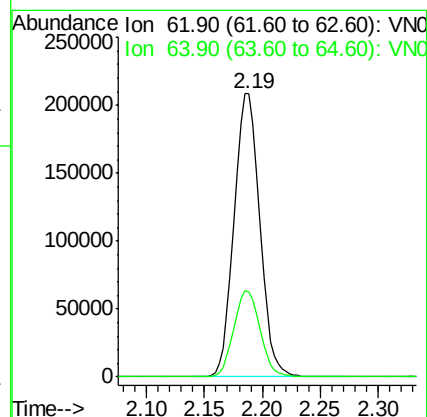
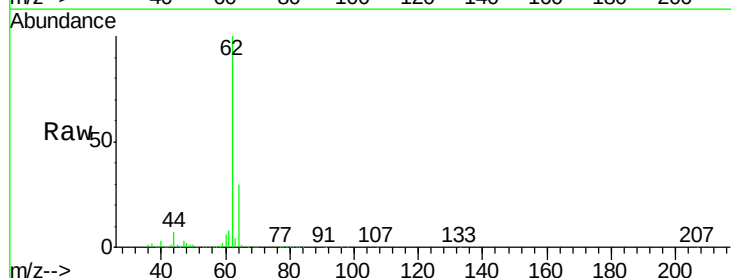
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBS02

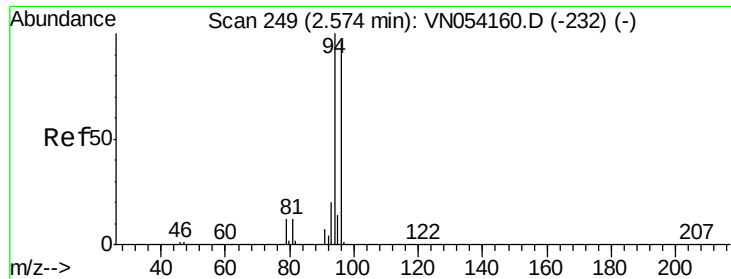
Tot Ion: 50 Resp: 279217
Ion Ratio Lower Upper
50 100
52 32.9 26.4 39.6



#4
Vinyl Chloride
Concen: 20.810 ug/l
RT: 2.19 min Scan# 129
Delta R.T. 0.00 min
Lab File: VN054179.D
Acq: 12 Mar 2019 23:05

Tgt Ion: 62 Resp: 318009
Ion Ratio Lower Upper
62 100
64 30.1 25.5 38.3





#5

Bromomethane

Concen: 20.341 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

Instrument :

MSVOA_N

ClientSampled :

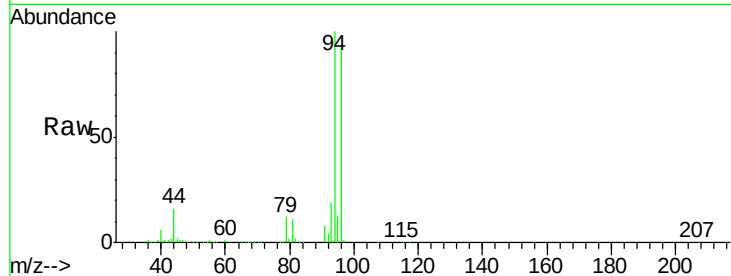
VN0312WBS02

Tot Ion: 94 Resp: 215287

Ion Ratio Lower Upper

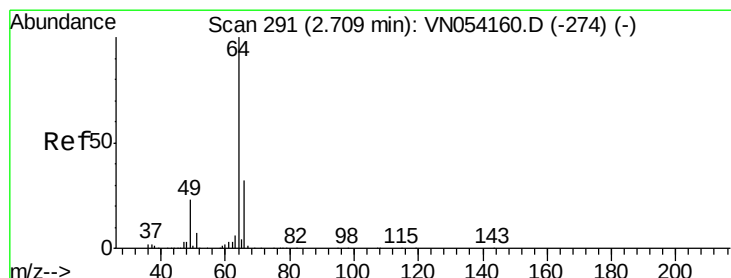
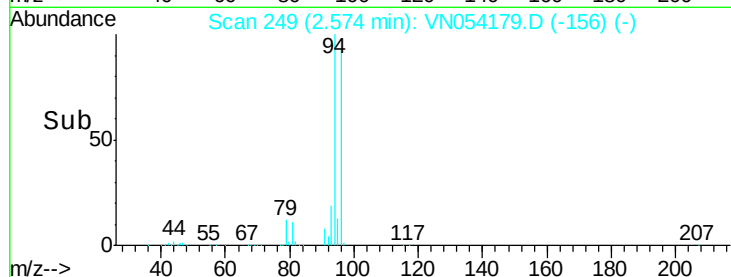
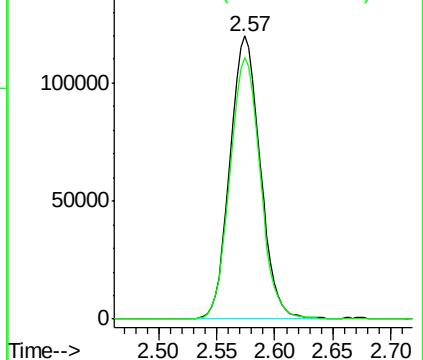
94 100

96 92.2 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.548 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN054179.D

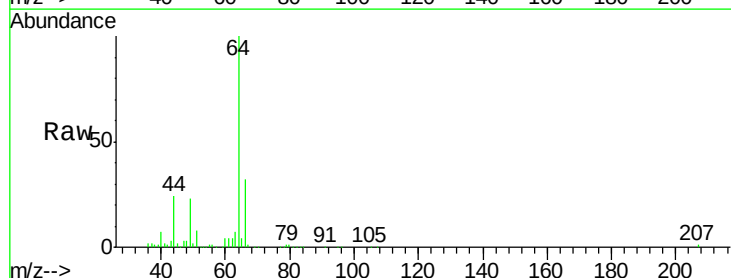
Acq: 12 Mar 2019 23:05

Tgt Ion: 64 Resp: 180743

Ion Ratio Lower Upper

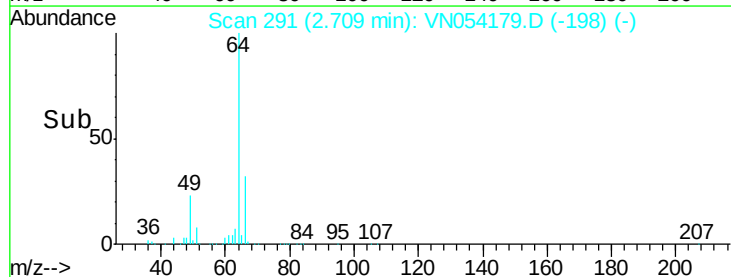
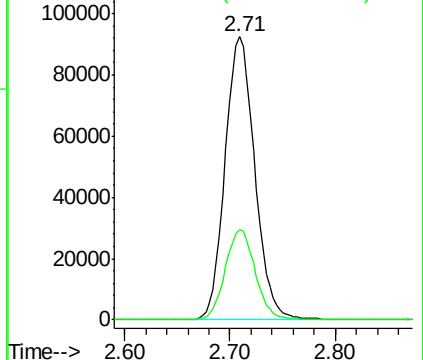
64 100

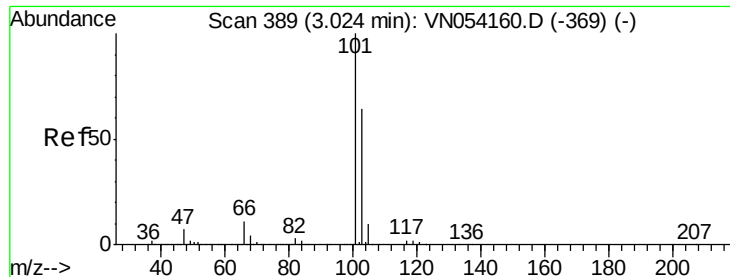
66 31.5 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



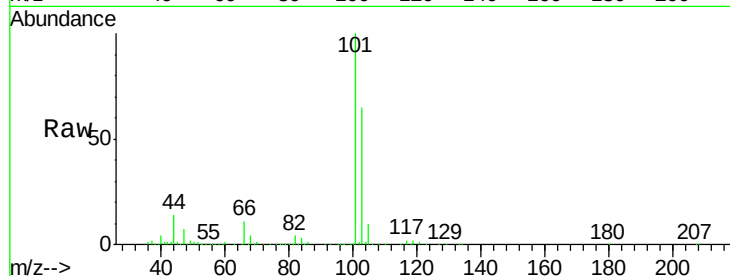


#7

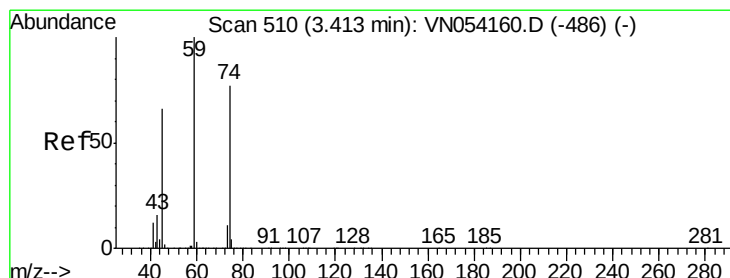
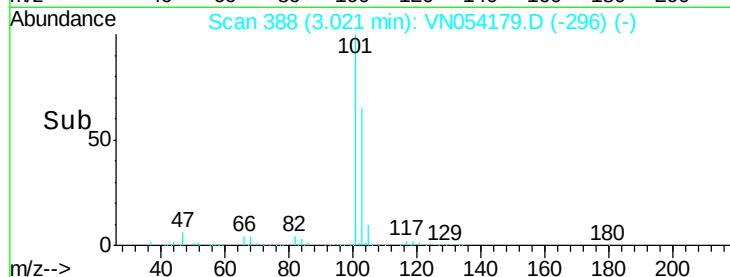
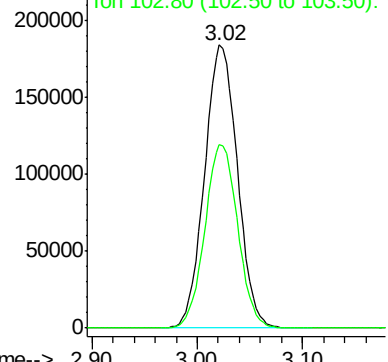
Trichlorofluoromethane
 Concen: 19.579 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN054179.D
 Acq: 12 Mar 2019 23:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBS02

Tot Ion:101 Resp: 397800
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.4 77.2



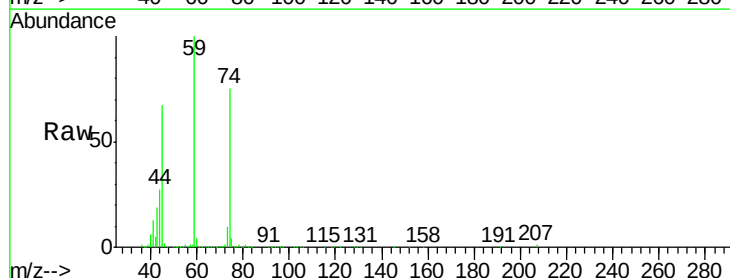
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



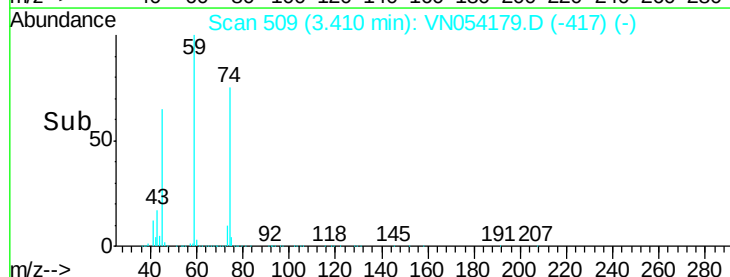
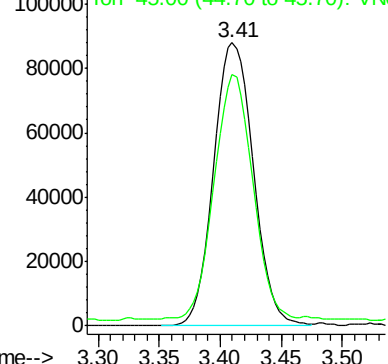
#8

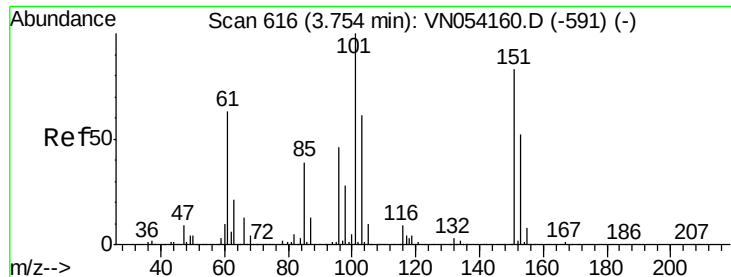
Diethyl Ether
 Concen: 21.462 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN054179.D
 Acq: 12 Mar 2019 23:05

Tgt Ion: 74 Resp: 198709
 Ion Ratio Lower Upper
 74 100
 45 84.2 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.111 ug/l

RT: 3.75 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

Instrument :

MSVOA_N

ClientSampled :

VN0312WBS02

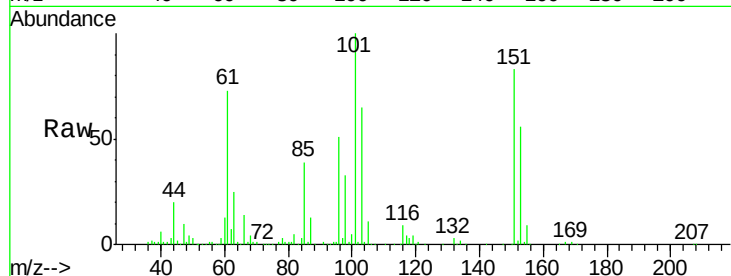
Tot Ion:101 Resp: 321413

Ion Ratio Lower Upper

101 100

85 40.5 32.4 48.6

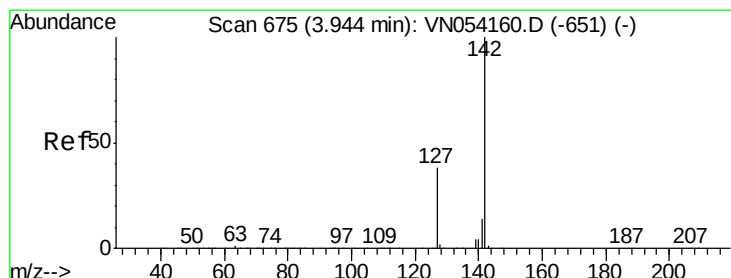
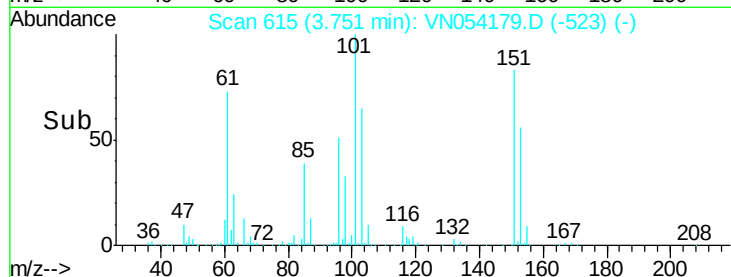
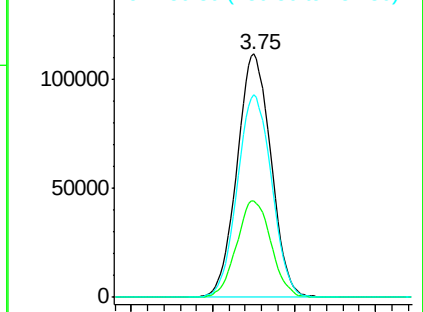
151 84.5 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.587 ug/l

RT: 3.94 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

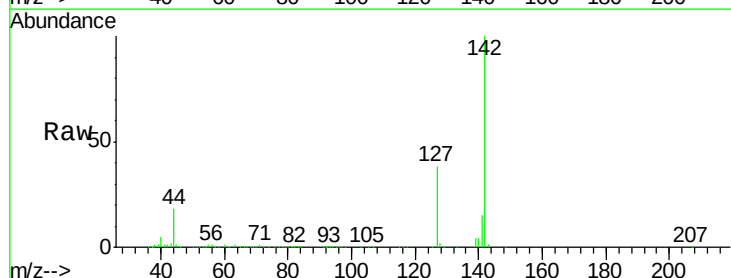
Tgt Ion:142 Resp: 358632

Ion Ratio Lower Upper

142 100

127 37.4 30.3 45.5

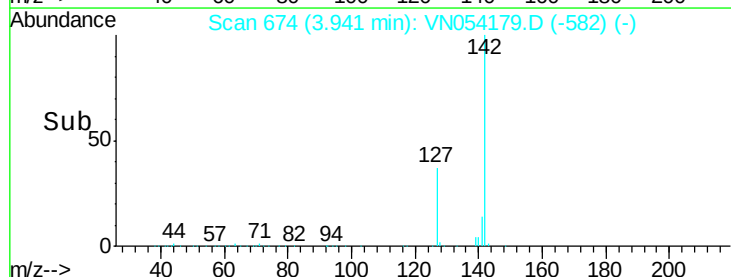
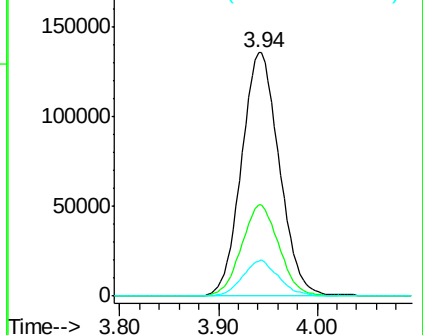
141 14.2 11.2 16.8

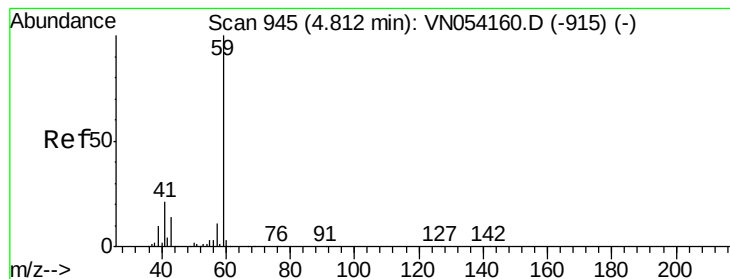


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



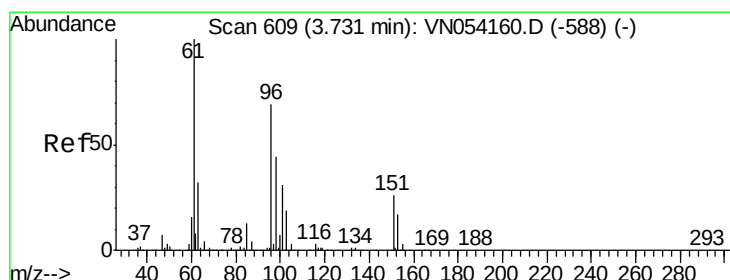
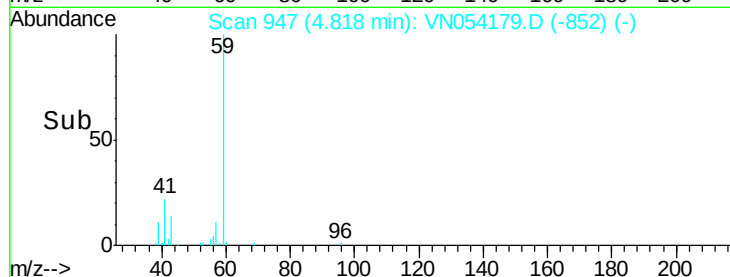
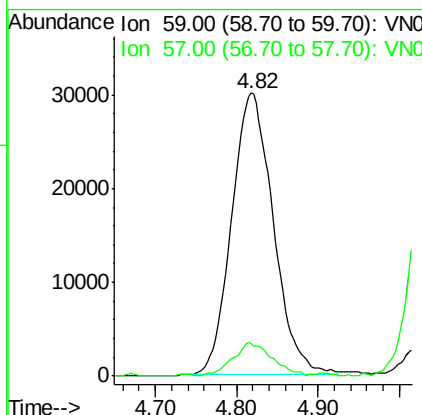
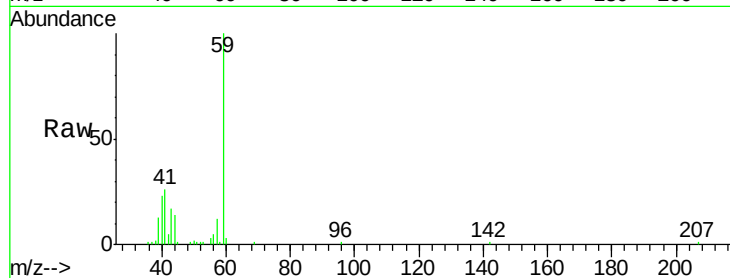


#11

Tert butyl alcohol
 Concen: 100.432 ug/l
 RT: 4.82 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: VN054179.D
 Acq: 12 Mar 2019 23:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBS02

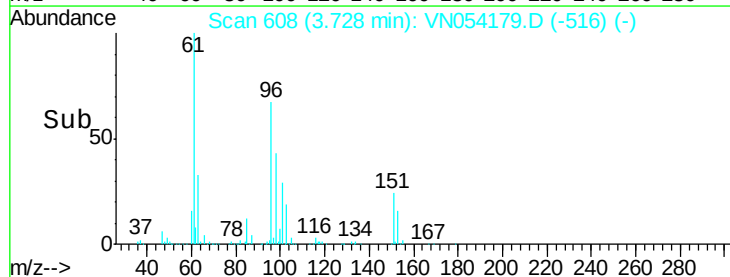
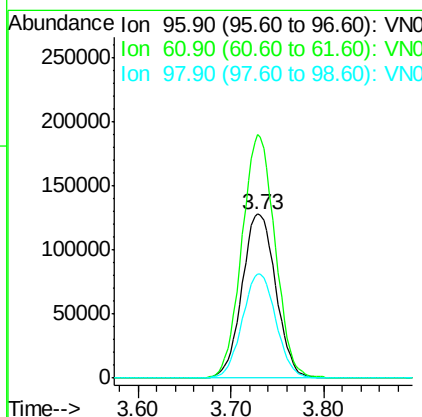
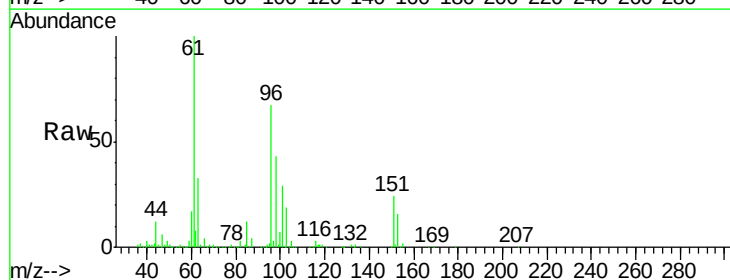
Tot Ion: 59 Resp: 106190
 Ion Ratio Lower Upper
 59 100
 57 11.3 9.0 13.6

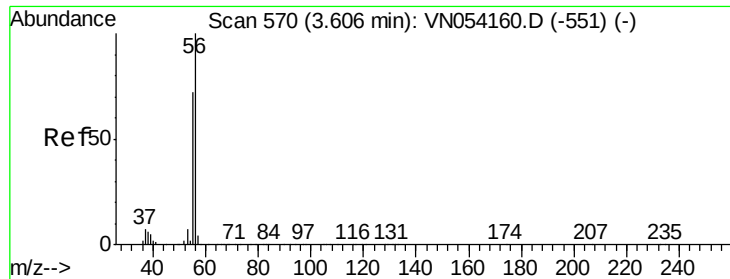


#12

1,1-Dichloroethene
 Concen: 21.366 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN054179.D
 Acq: 12 Mar 2019 23:05

Tgt Ion: 96 Resp: 322363
 Ion Ratio Lower Upper
 96 100
 61 148.5 116.5 174.7
 98 63.6 51.0 76.4





#13

Acrolein

Concen: 75.183 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

Instrument :

MSVOA_N

ClientSampleId :

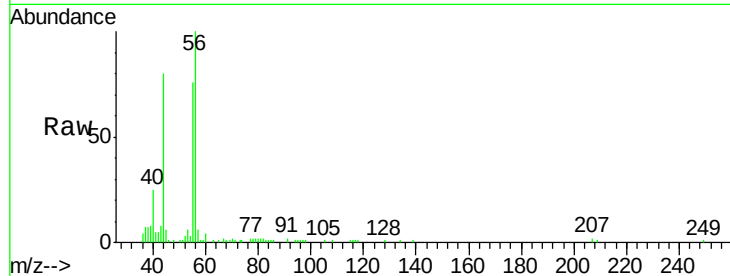
VN0312WBS02

Tot Ion: 56 Resp: 75327

Ion Ratio Lower Upper

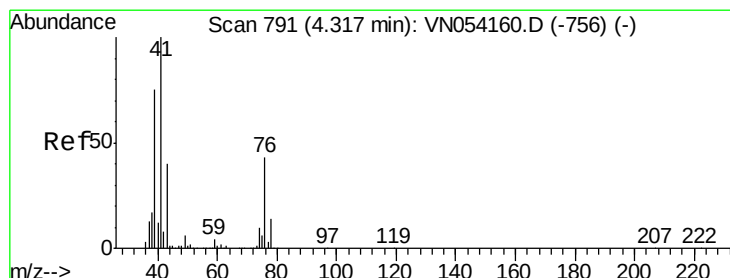
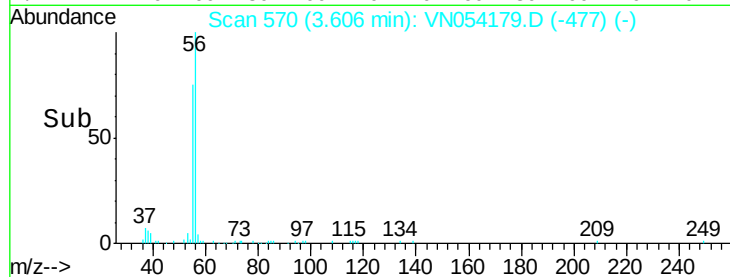
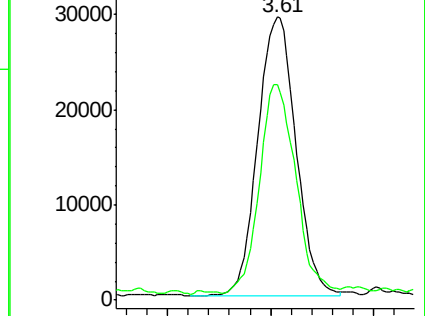
56 100

55 70.7 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 20.436 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

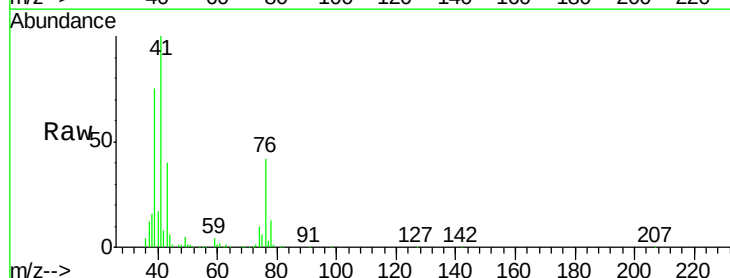
Tgt Ion: 41 Resp: 395596

Ion Ratio Lower Upper

41 100

39 72.7 58.2 87.4

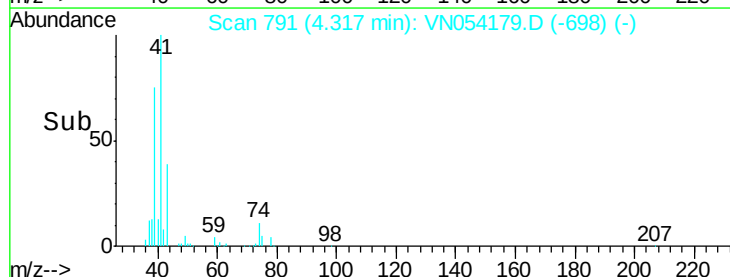
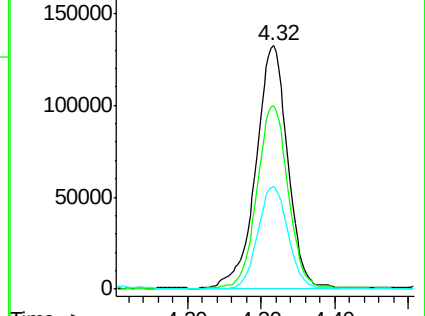
76 40.4 31.7 47.5

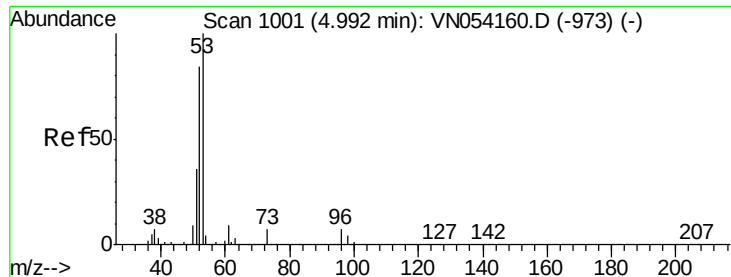


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 106.315 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

Instrument :

MSVOA_N

ClientSampleId :

VN0312WBS02

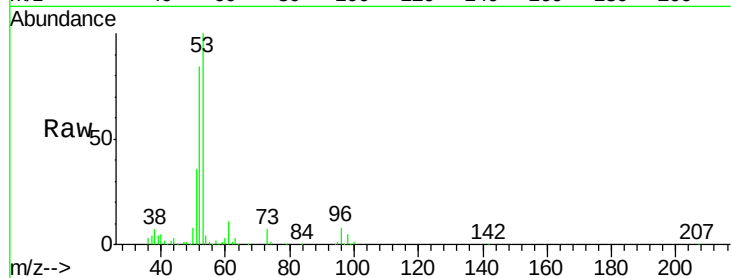
Tot Ion: 53 Resp: 461748

Ion Ratio Lower Upper

53 100

52 81.9 66.4 99.6

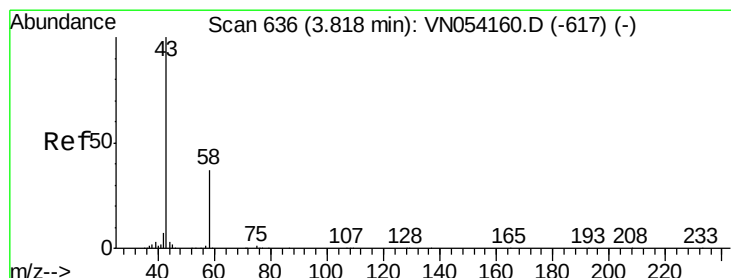
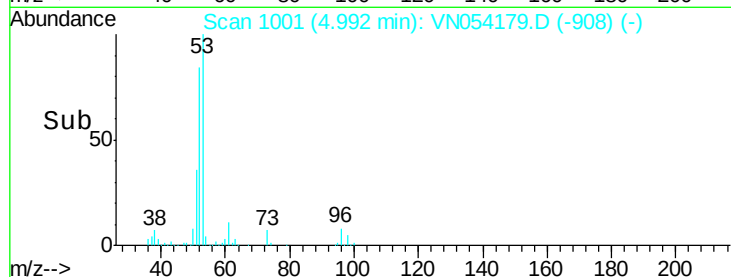
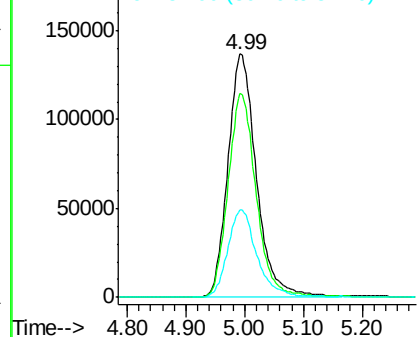
51 36.7 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 80.872 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054179.D

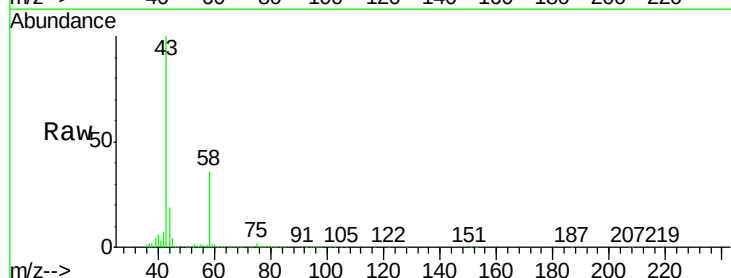
Acq: 12 Mar 2019 23:05

Tgt Ion: 43 Resp: 357136

Ion Ratio Lower Upper

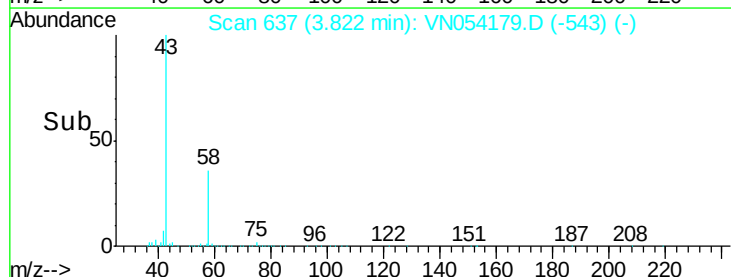
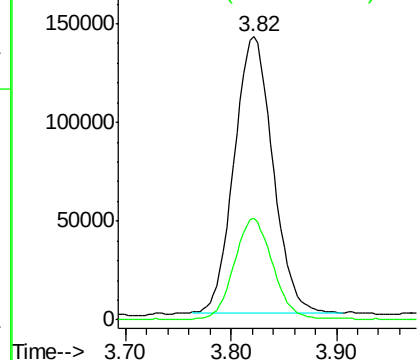
43 100

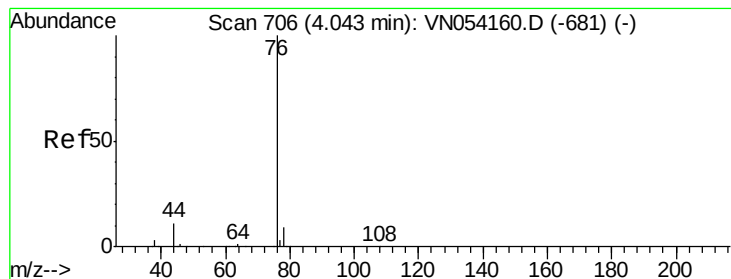
58 36.3 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 20.252 ug/l

RT: 4.04 min Scan# 705

Delta R.T. -0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

Instrument :

MSVOA_N

ClientSampleId :

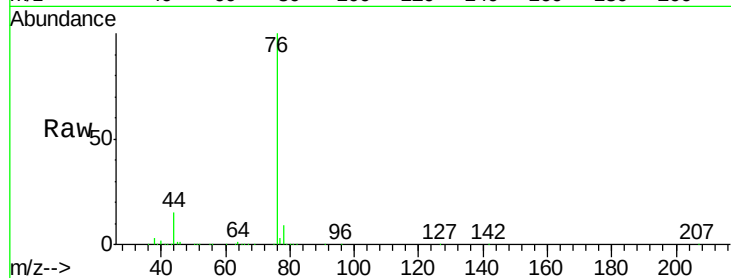
VN0312WBS02

Tot Ion: 76 Resp: 765970

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.04

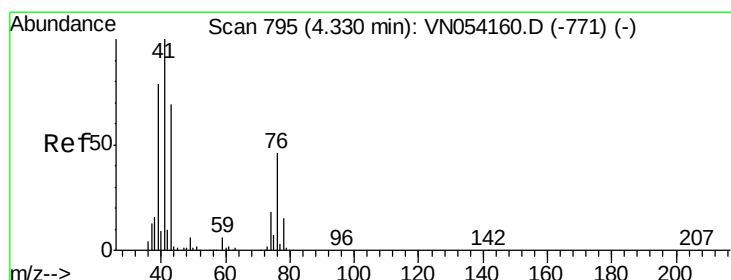
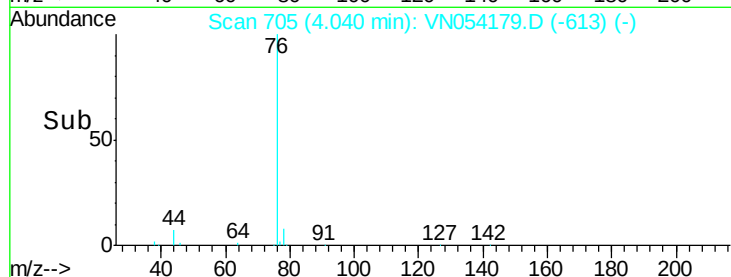
300000

200000

100000

0

Time--> 3.90 4.00 4.10



#18

Methyl Acetate

Concen: 22.396 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN054179.D

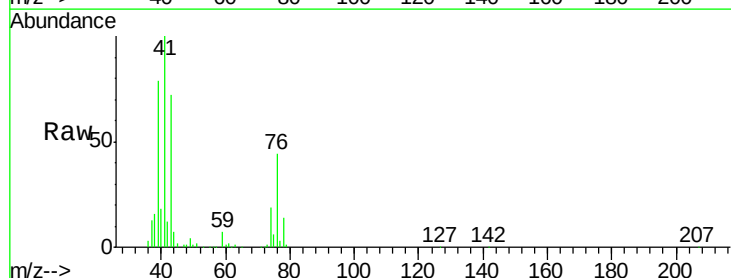
Acq: 12 Mar 2019 23:05

Tgt Ion: 43 Resp: 200098

Ion Ratio Lower Upper

43 100

74 26.0 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

80000

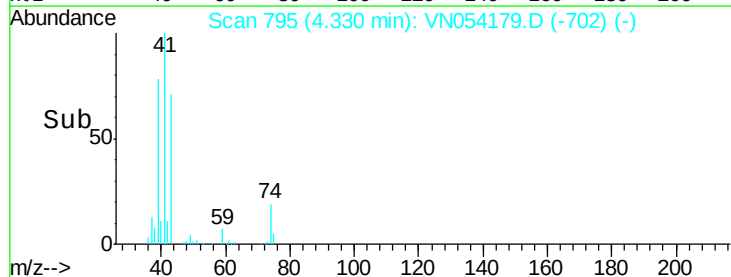
60000

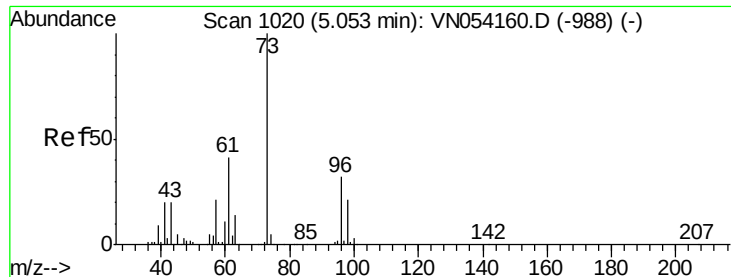
40000

20000

0

Time--> 4.20 4.30 4.40

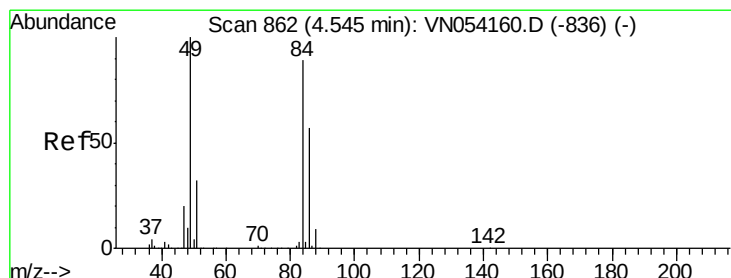
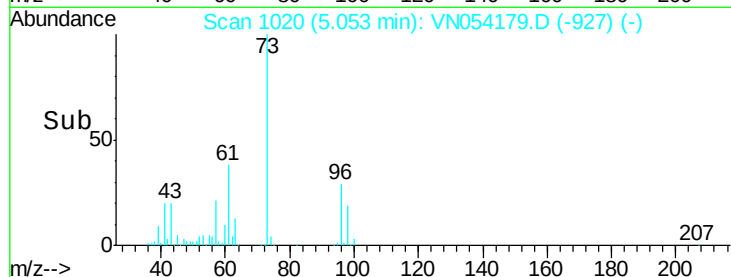
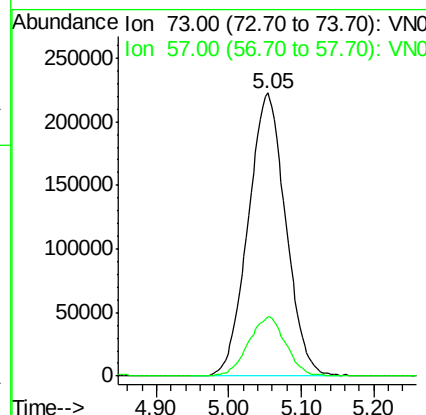
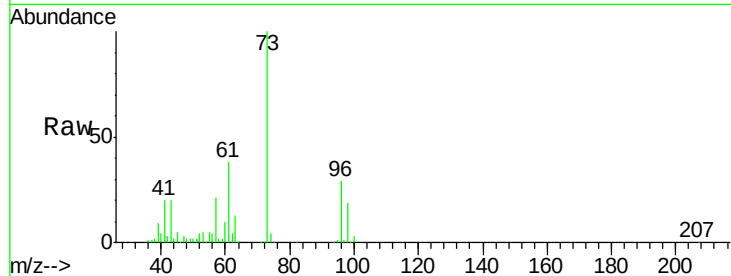




#19
Methvl tert-butvl Ether
Concen: 21.499 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VN054179.D
Acq: 12 Mar 2019 23:05

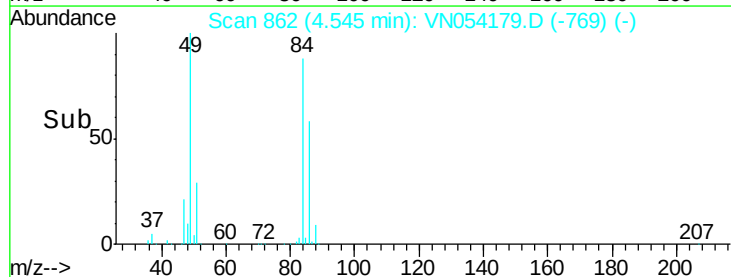
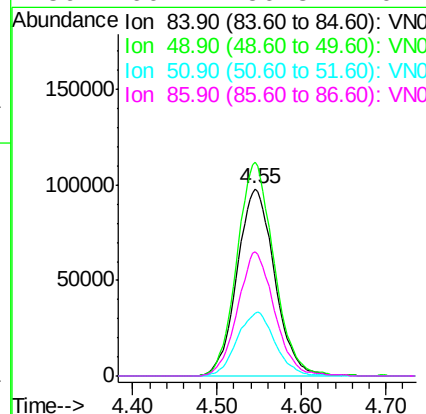
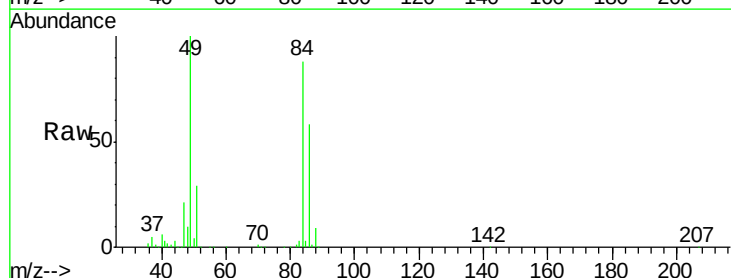
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBS02

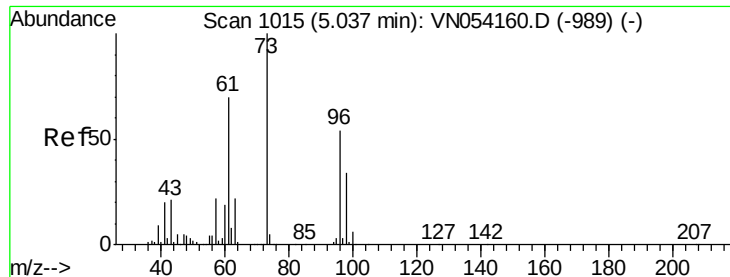
Tot Ion: 73 Resp: 804014
Ion Ratio Lower Upper
73 100
57 20.9 16.8 25.2



#20
Methylene Chloride
Concen: 20.920 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054179.D
Acq: 12 Mar 2019 23:05

Tgt Ion: 84 Resp: 303349
Ion Ratio Lower Upper
84 100
49 114.0 89.7 134.5
51 33.4 28.2 42.4
86 66.7 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 20.764 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

Instrument :

MSVOA_N

ClientSampleId :

VN0312WBS02

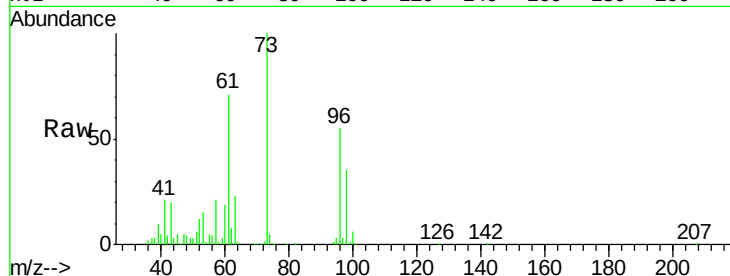
Tot Ion: 96 Resp: 300160

Ion Ratio Lower Upper

96 100

61 129.4 102.8 154.2

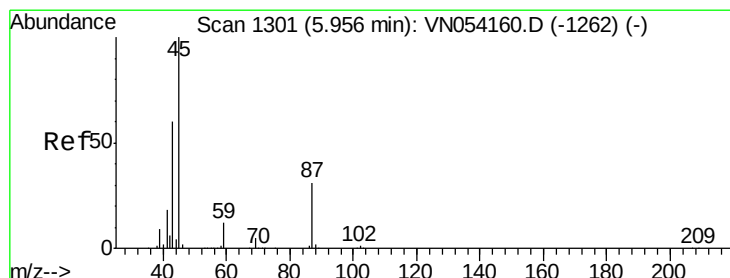
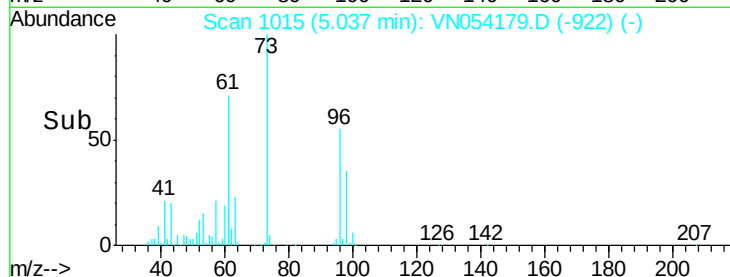
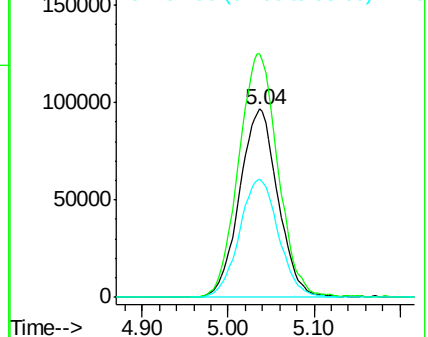
98 62.8 50.0 75.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 20.954 ug/l

RT: 5.96 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

Tgt Ion: 45 Resp: 809552

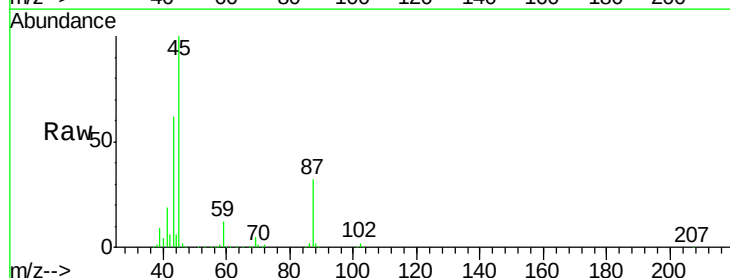
Ion Ratio Lower Upper

45 100

43 59.8 48.2 72.2

87 32.1 24.9 37.3

59 12.1 9.5 14.3

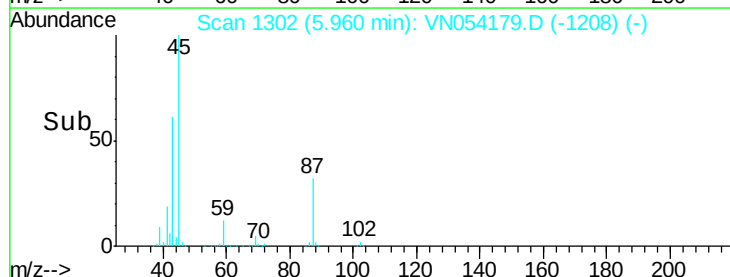
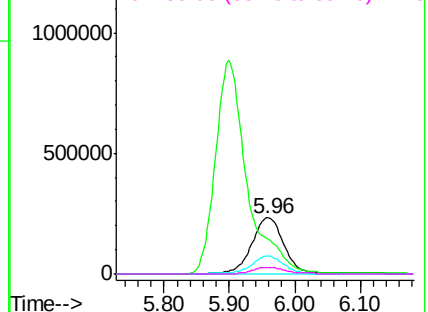


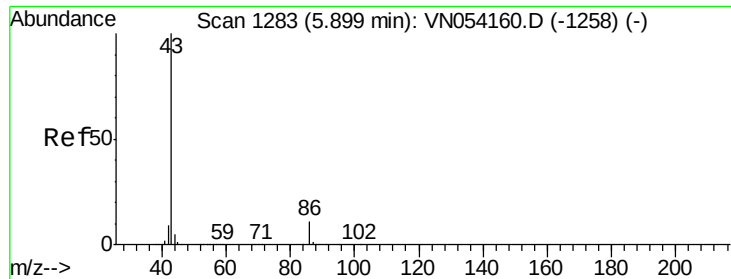
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 105.198 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

Instrument :

MSVOA_N

ClientSampleId :

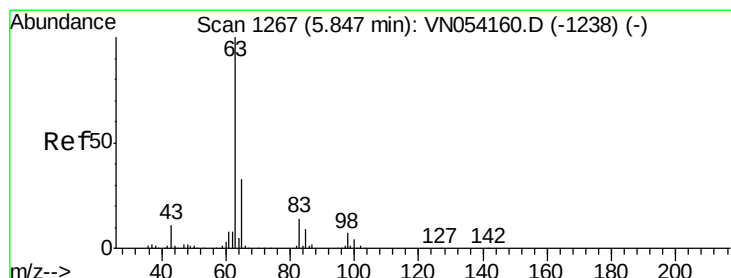
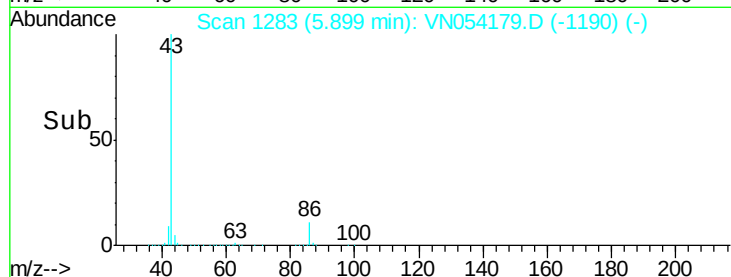
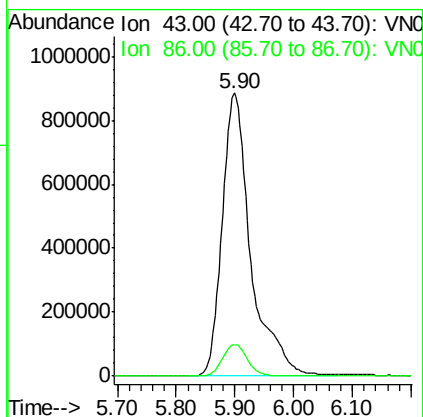
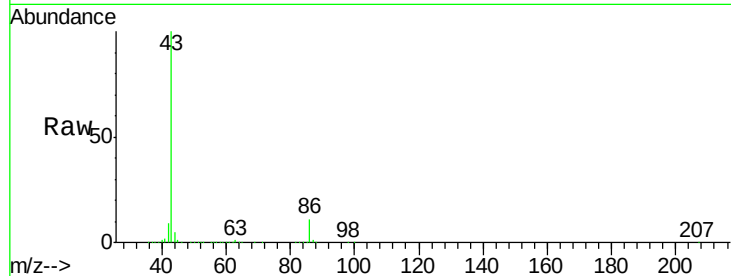
VN0312WBS02

Tot Ion: 43 Resp: 2996670

Ion Ratio Lower Upper

43 100

86 11.2 9.1 13.7



#24

1,1-Dichloroethane

Concen: 21.072 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

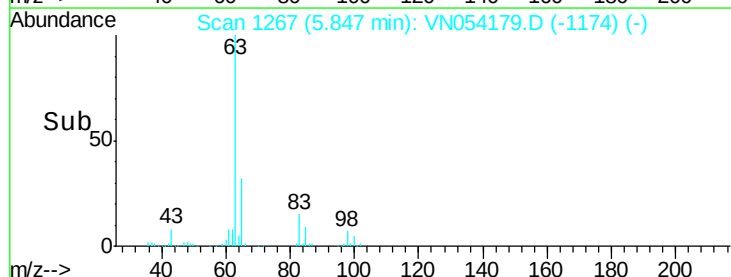
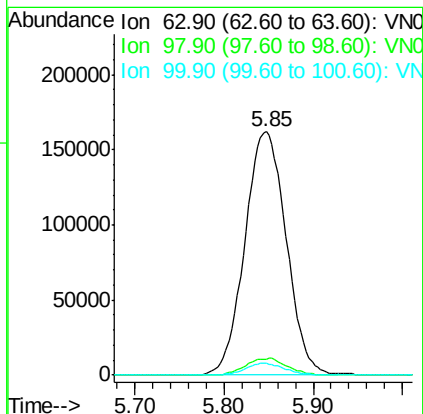
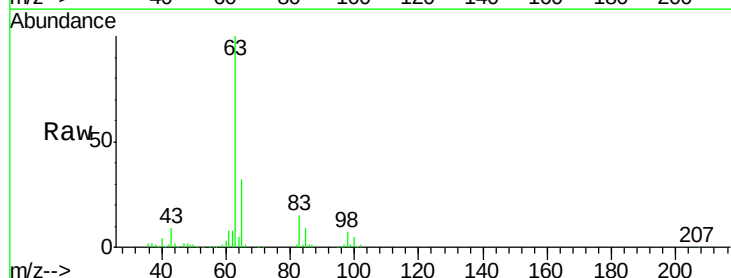
Tgt Ion: 63 Resp: 522724

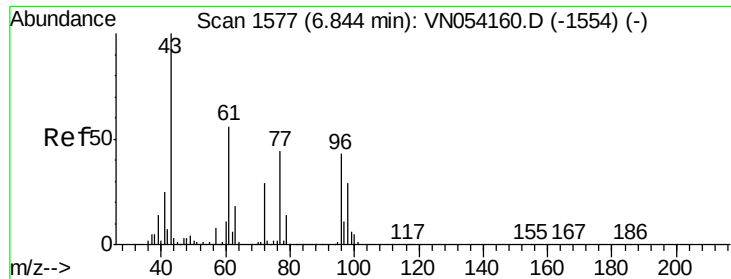
Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.5

100 4.6 2.0 6.0

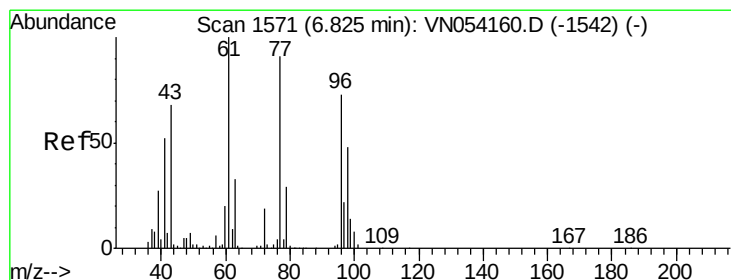
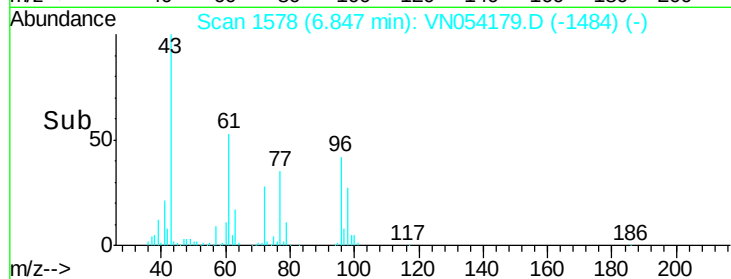
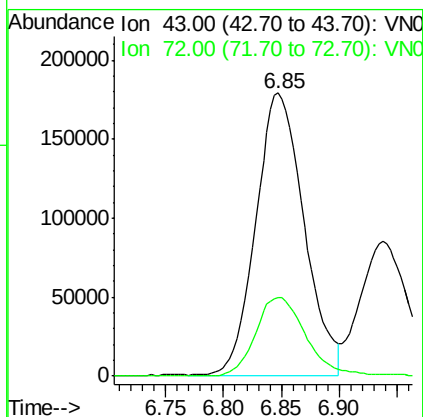
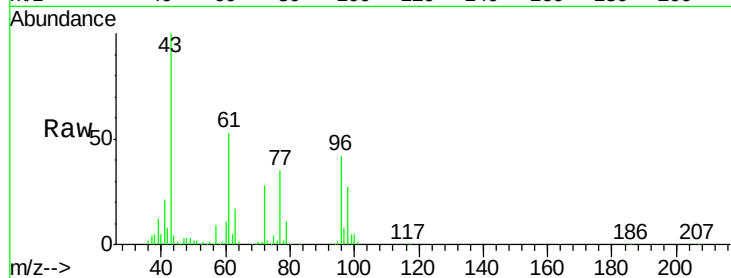




#25
2-Butanone
Concen: 99.446 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VN054179.D
Acq: 12 Mar 2019 23:05

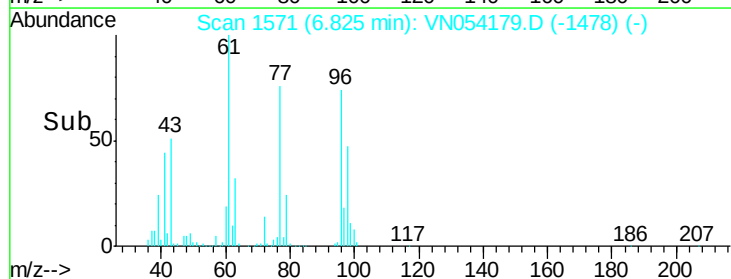
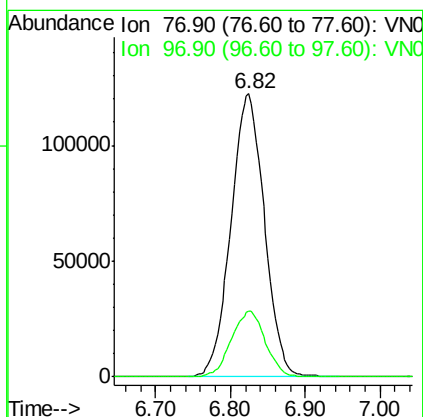
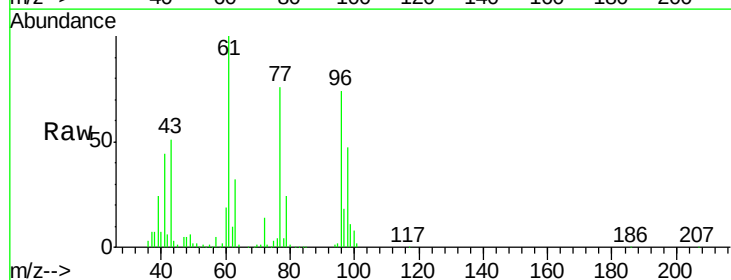
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBS02

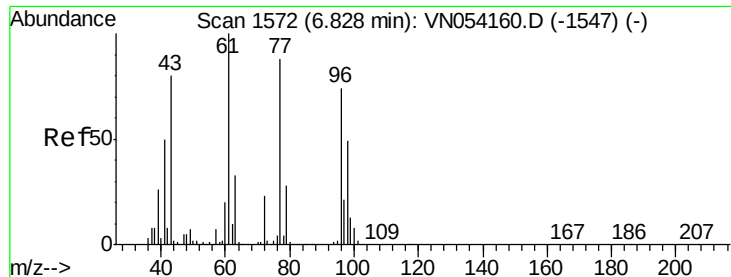
Tot Ion: 43 Resp: 515439
Ion Ratio Lower Upper
43 100
72 28.0 23.0 34.6



#26
2,2-Dichloropropane
Concen: 17.445 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN054179.D
Acq: 12 Mar 2019 23:05

Tgt Ion: 77 Resp: 380564
Ion Ratio Lower Upper
77 100
97 23.5 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 21.619 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

Instrument :

MSVOA_N

ClientSampleId :

VN0312WBS02

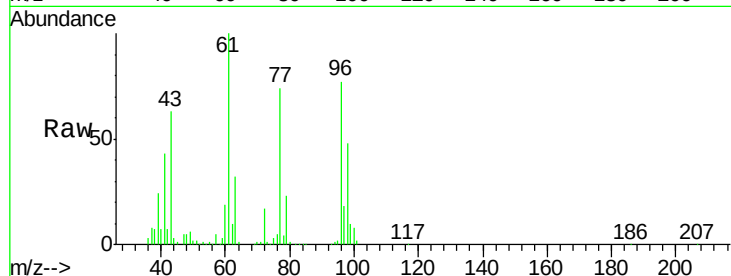
Tot Ion: 96 Resp: 348655

Ion Ratio Lower Upper

96 100

61 133.4 0.0 273.0

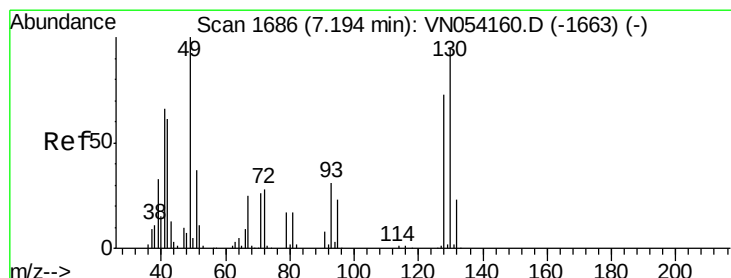
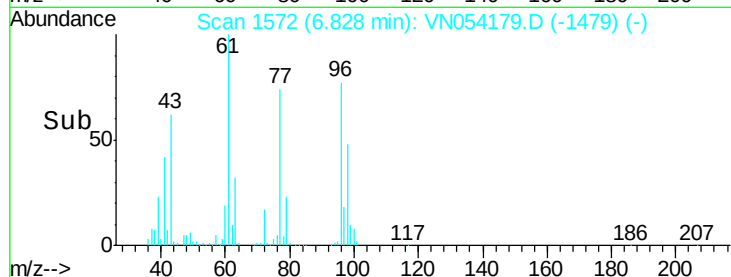
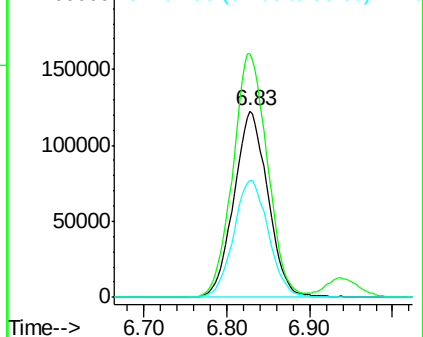
98 64.4 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.523 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

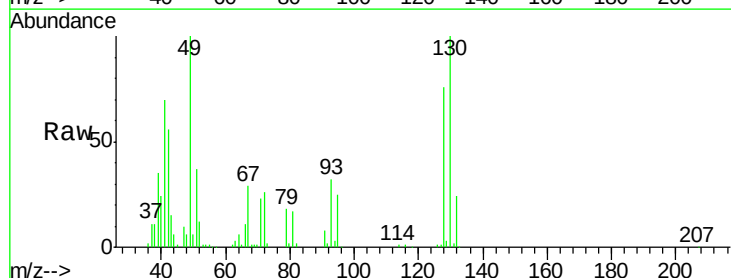
Tgt Ion: 49 Resp: 197990

Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

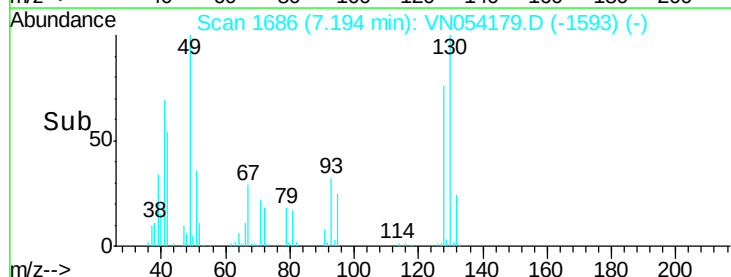
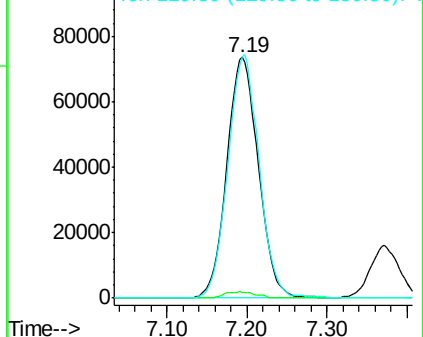
130 99.0 76.7 115.1

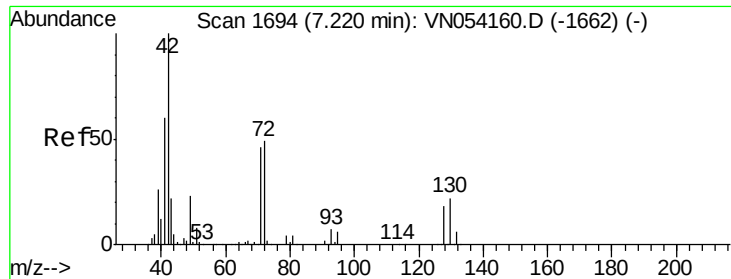


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

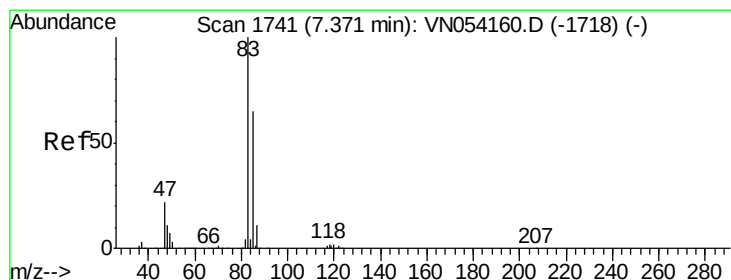
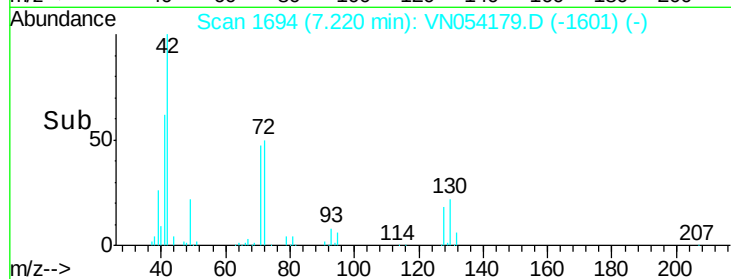
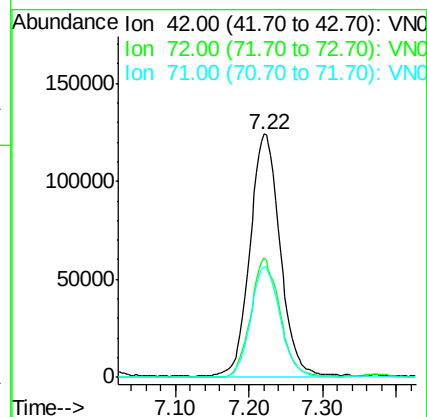
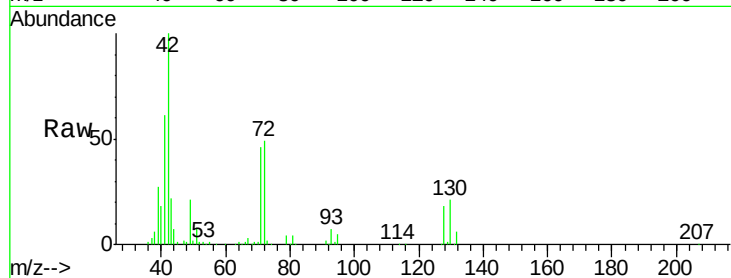




#29
Tetrahydrofuran
Concen: 106.013 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.00 min
Lab File: VN054179.D
Acq: 12 Mar 2019 23:05

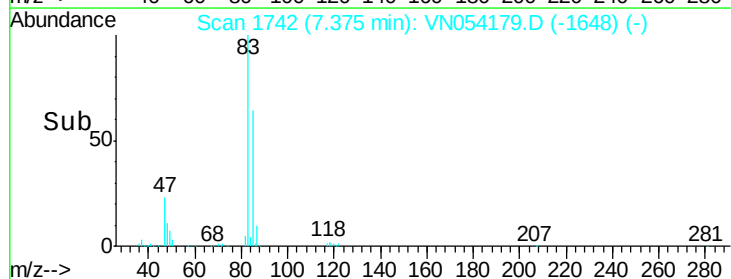
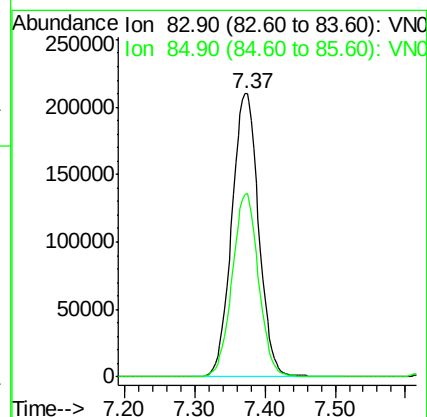
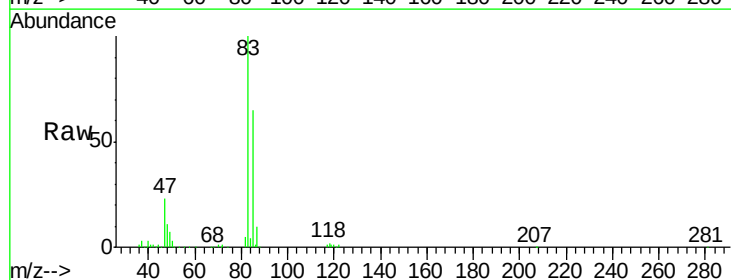
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBS02

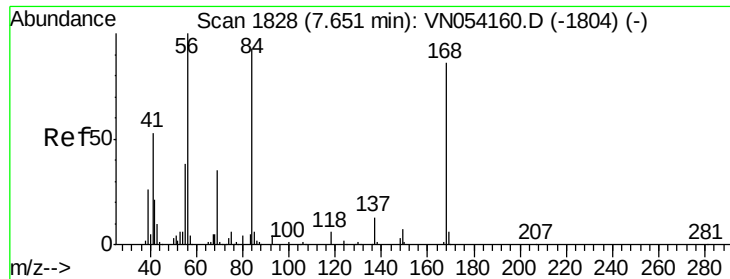
Tot Ion: 42 Resp: 353291
Ion Ratio Lower Upper
42 100
72 47.6 37.8 56.6
71 44.7 36.2 54.2



#30
Chloroform
Concen: 21.627 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN054179.D
Acq: 12 Mar 2019 23:05

Tgt Ion: 83 Resp: 559830
Ion Ratio Lower Upper
83 100
85 64.7 52.2 78.4

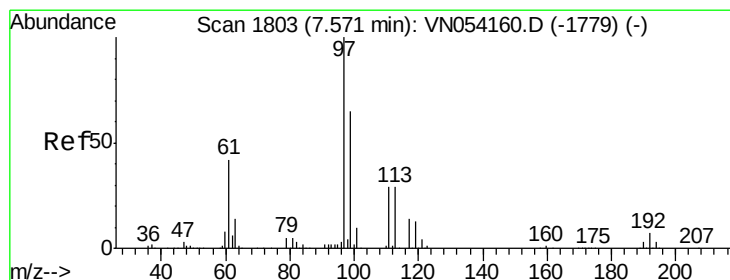
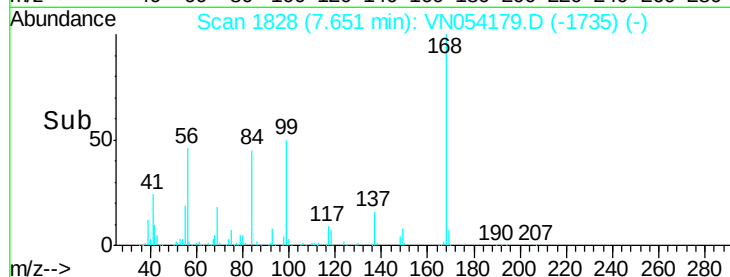
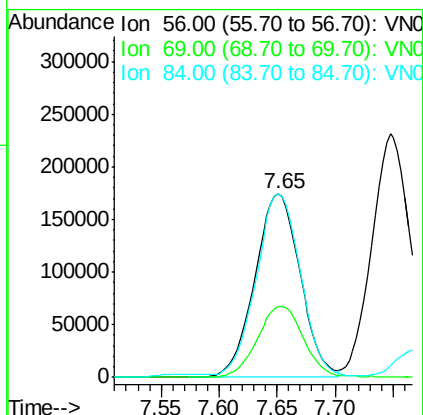
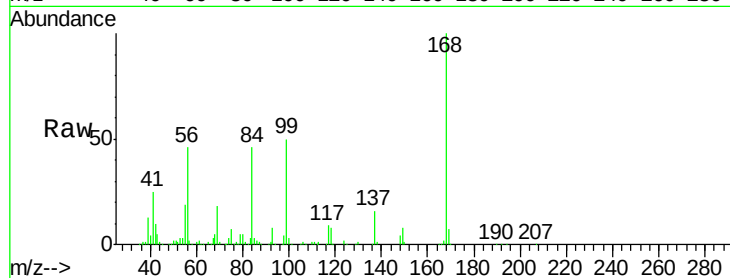




#31
Cyclohexane
Concen: 19.639 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN054179.D
Acq: 12 Mar 2019 23:05

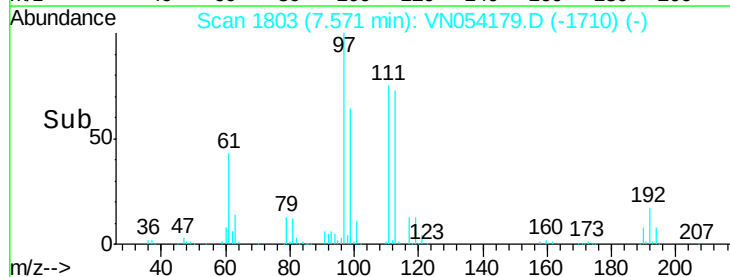
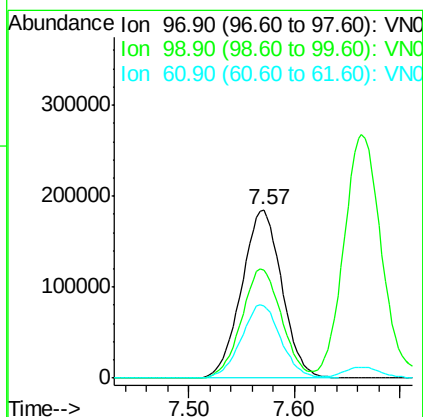
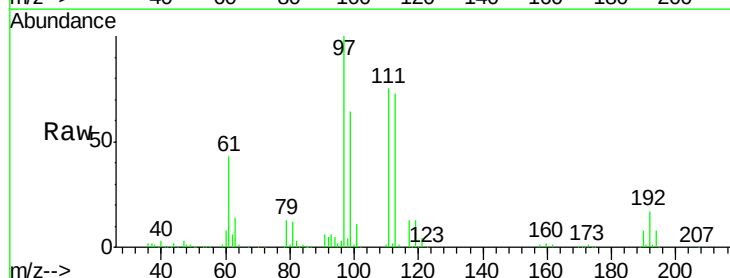
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBS02

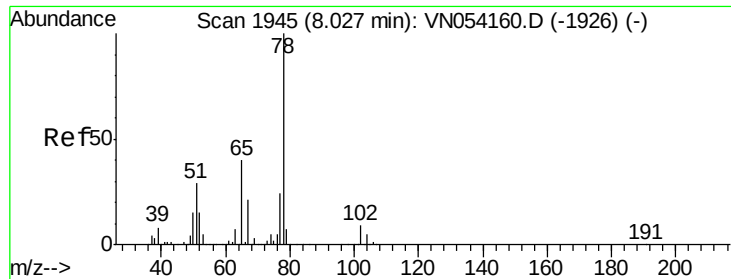
Tot Ion: 56 Resp: 472762
Ion Ratio Lower Upper
56 100
69 38.3 27.8 41.6
84 98.4 74.6 111.8



#32
1,1,1-Trichloroethane
Concen: 20.980 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN054179.D
Acq: 12 Mar 2019 23:05

Tgt Ion: 97 Resp: 490478
Ion Ratio Lower Upper
97 100
99 64.6 51.5 77.3
61 42.8 33.6 50.4

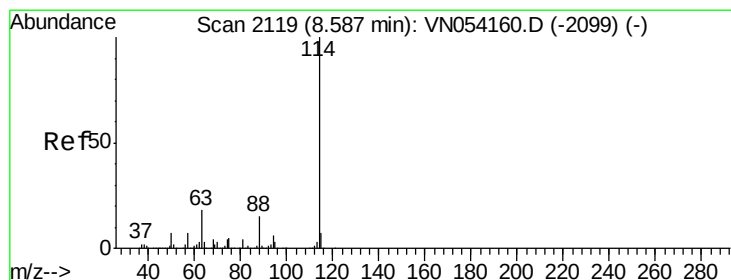
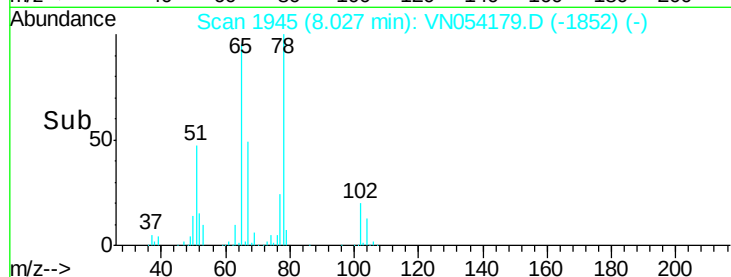
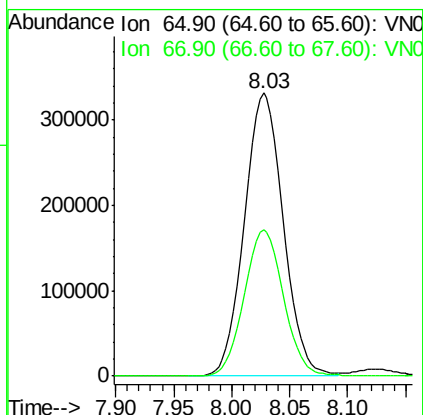
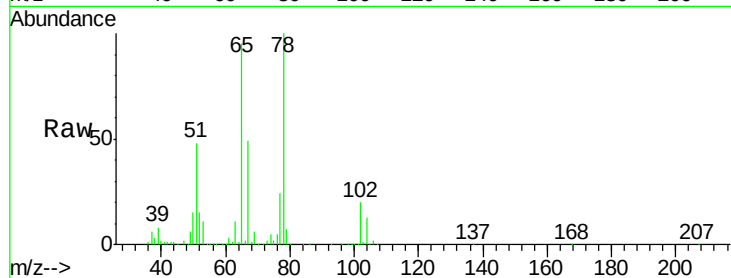




#33
 1,2-Dichloroethane-d4
 Concen: 50.250 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054179.D
 Acq: 12 Mar 2019 23:05

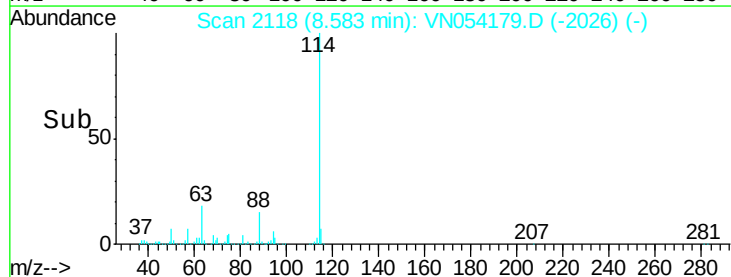
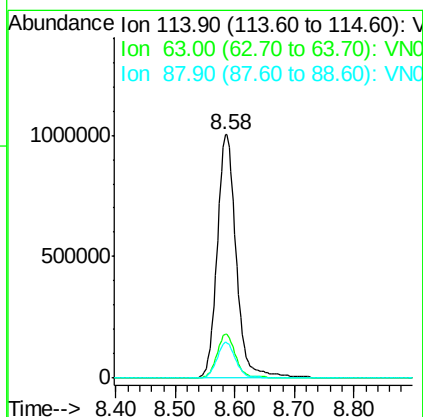
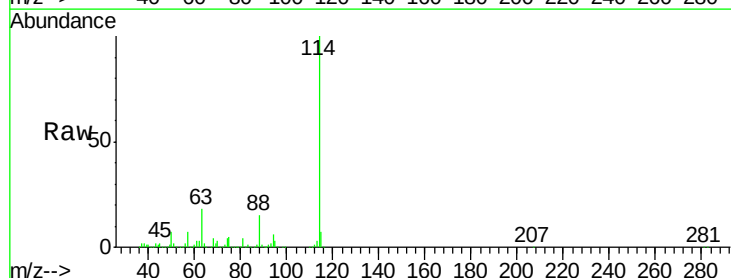
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBS02

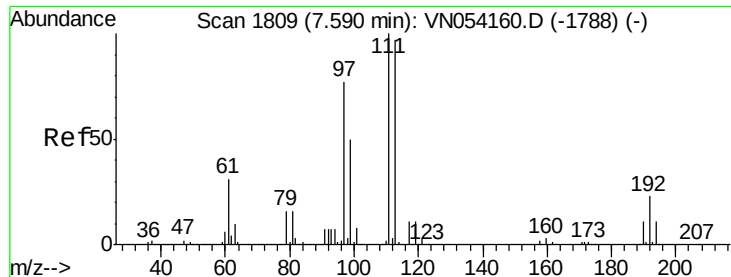
Tot Ion: 65 Resp: 775018
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN054179.D
 Acq: 12 Mar 2019 23:05

Tgt Ion:114 Resp: 2219414
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.2
 88 14.7 0.0 30.2

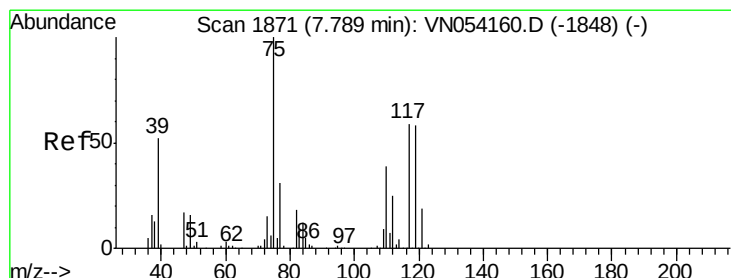
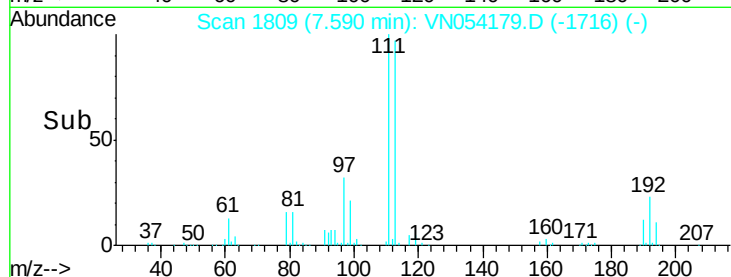
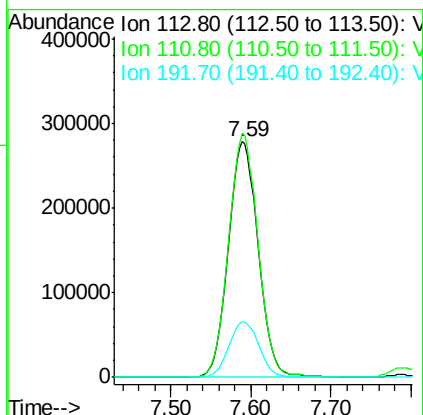
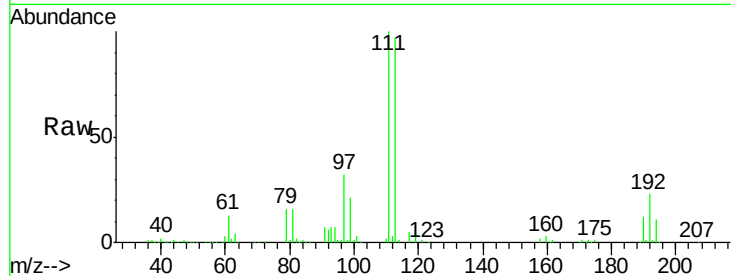




#35
 Dibromofluoromethane
 Concen: 49.241 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054179.D
 Acq: 12 Mar 2019 23:05

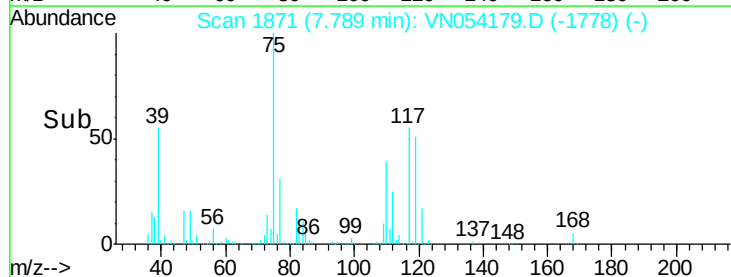
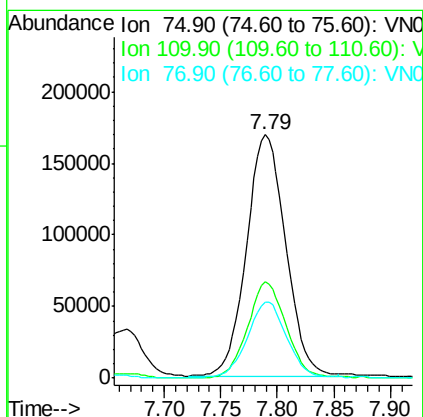
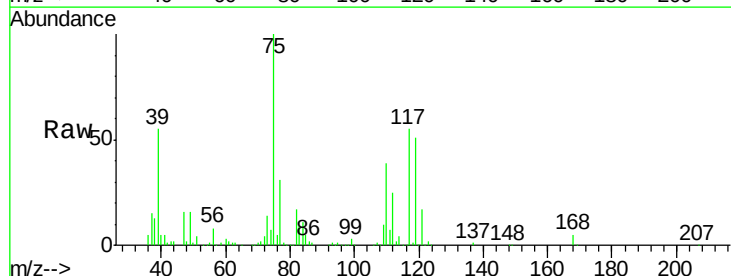
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBS02

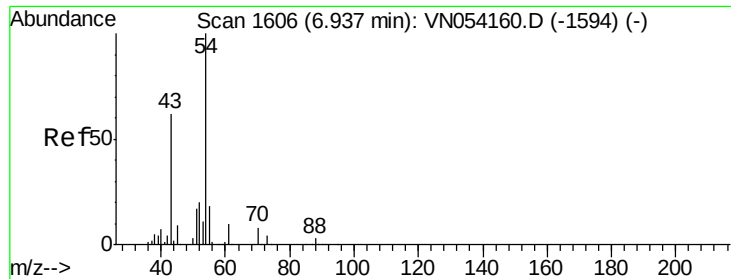
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.4
192	23.9	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 19.855 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN054179.D
 Acq: 12 Mar 2019 23:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.4	19.1	57.5
77	31.5	25.0	37.4

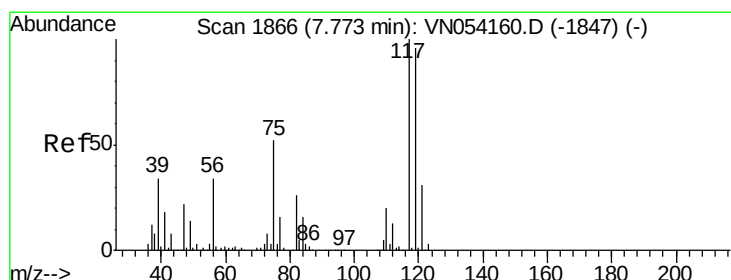
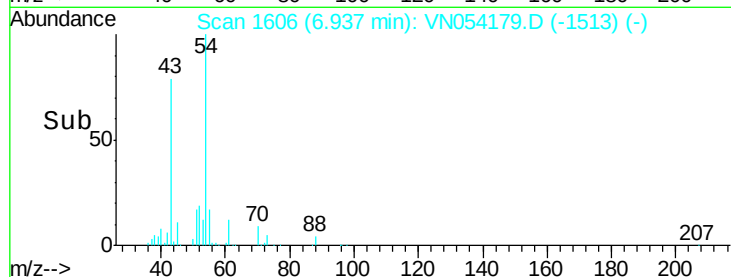
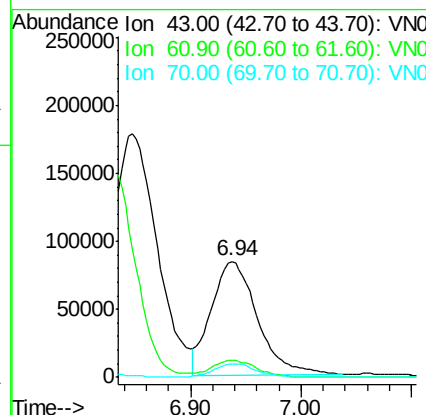
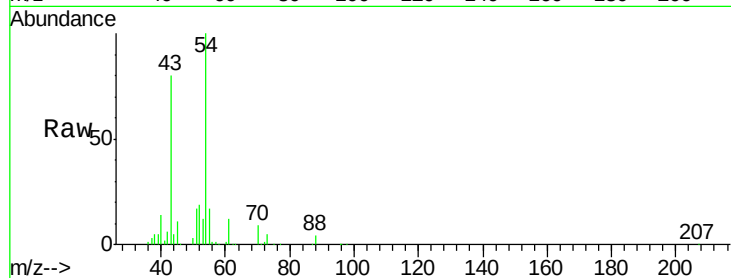




#37
Ethyl Acetate
Concen: 20.586 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VN054179.D
Acq: 12 Mar 2019 23:05

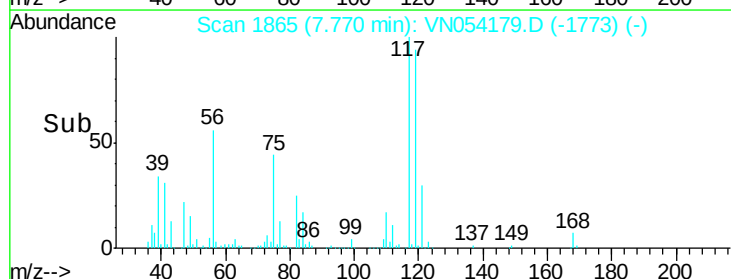
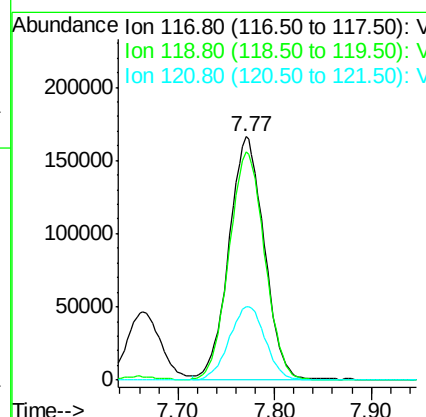
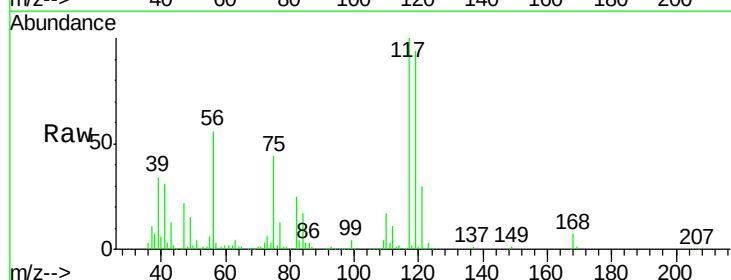
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBS02

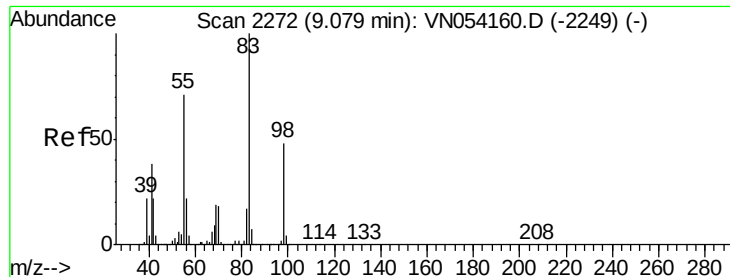
Tot Ion: 43 Resp: 241759
Ion Ratio Lower Upper
43 100
61 13.9 11.8 17.6
70 10.4 8.4 12.6



#38
Carbon Tetrachloride
Concen: 19.515 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN054179.D
Acq: 12 Mar 2019 23:05

Tgt Ion: 117 Resp: 418277
Ion Ratio Lower Upper
117 100
119 93.7 76.3 114.5
121 30.4 24.6 36.8

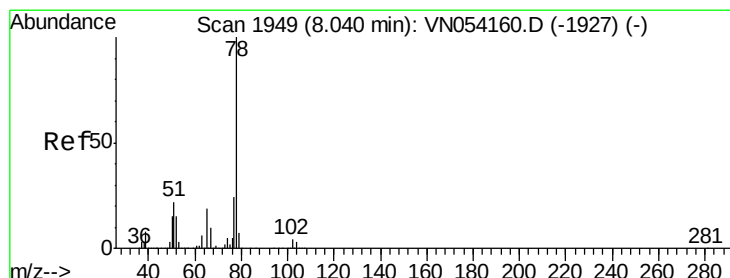
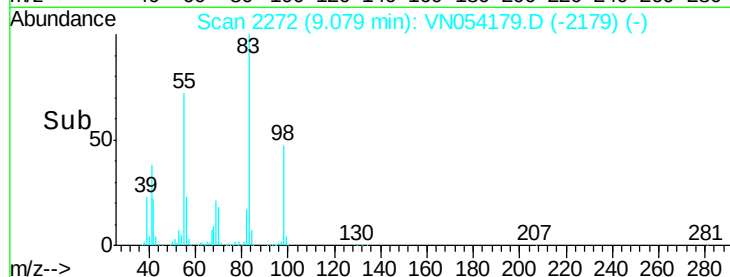
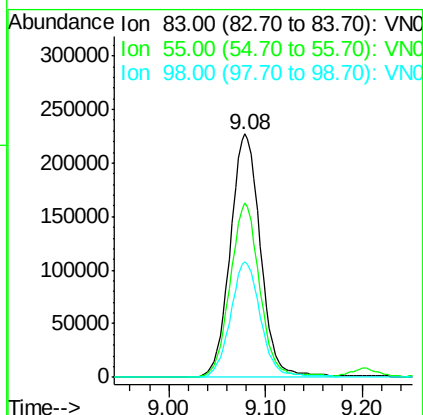
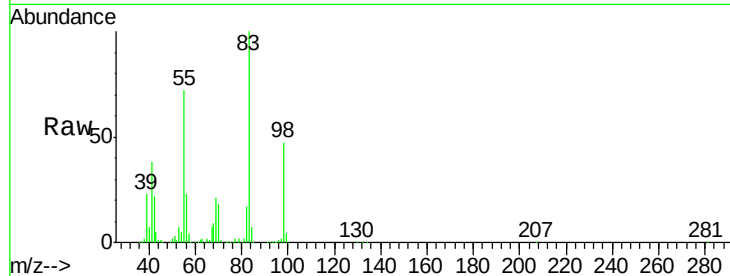




#39
Methylvlcyclohexane
Concen: 19.605 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN054179.D
Acq: 12 Mar 2019 23:05

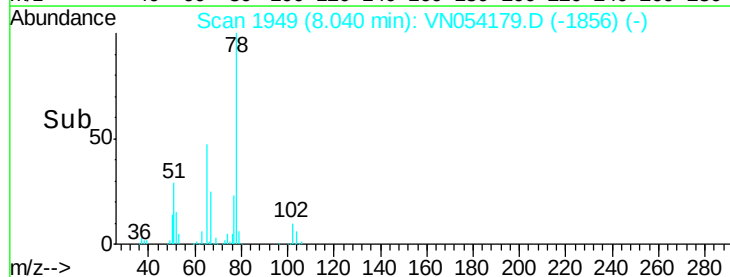
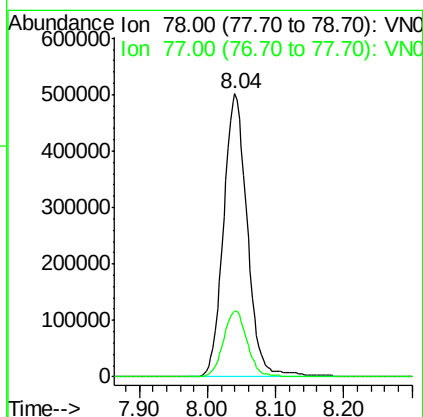
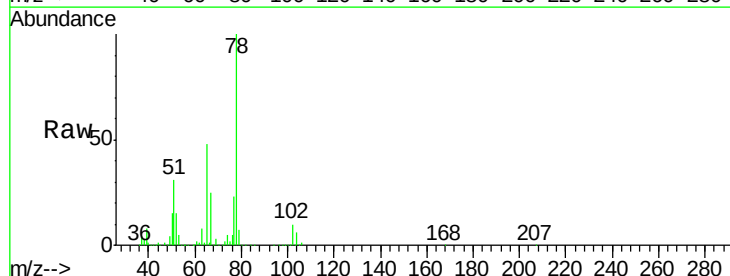
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBS02

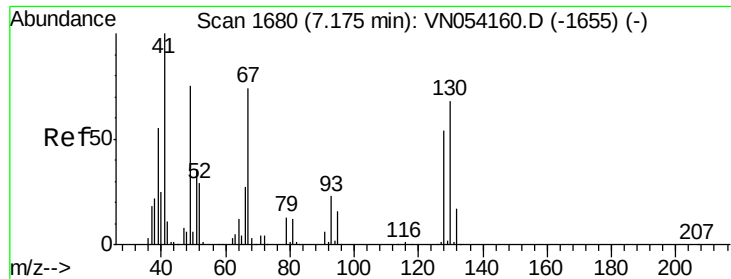
Tot Ion: 83 Resp: 493006
Ion Ratio Lower Upper
83 100
55 71.5 56.6 84.8
98 47.4 38.4 57.6



#40
Benzene
Concen: 20.816 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN054179.D
Acq: 12 Mar 2019 23:05

Tgt Ion: 78 Resp: 1217463
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7

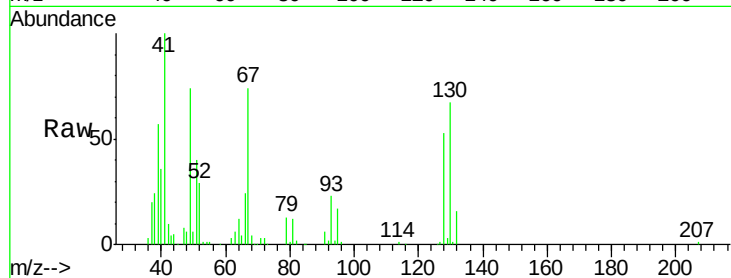




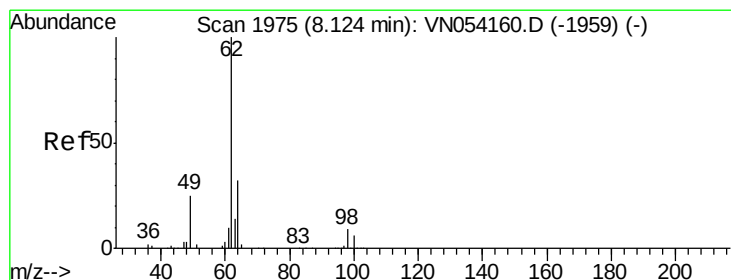
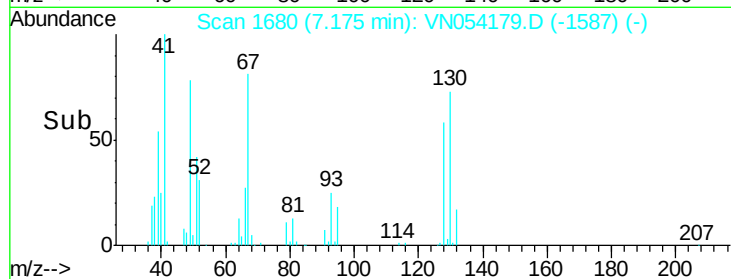
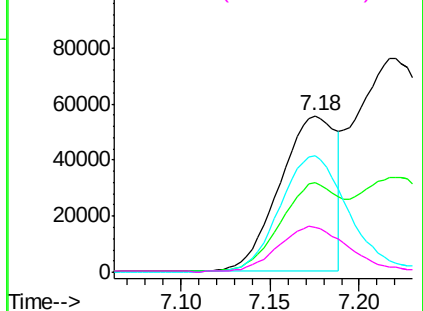
#41
Methacrylonitrile
Concen: 18.074 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN054179.D
Acq: 12 Mar 2019 23:05

Instrument :
MSVOA_N
ClientSampleId :
VN0312WBS02

Tot Ion:	41	Resp:	121191
Ion	Ratio	Lower	Upper
41	100		
39	58.9	46.8	70.2
67	93.1	67.0	100.4
52	36.9	26.5	39.7

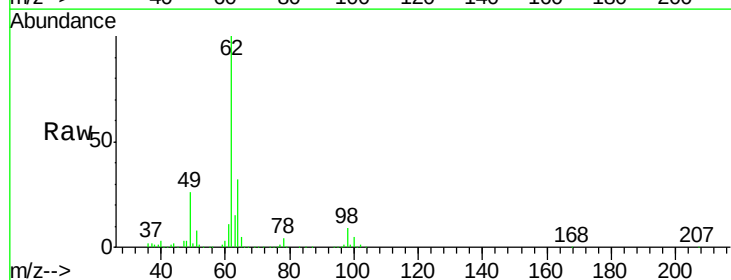


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

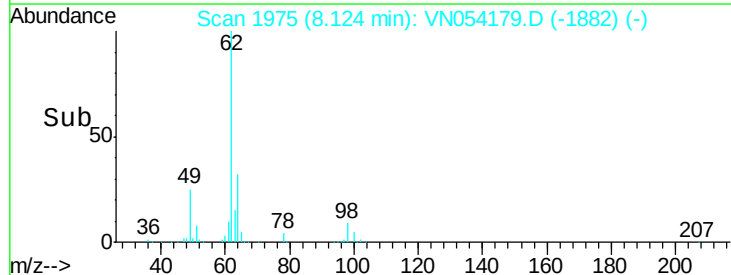
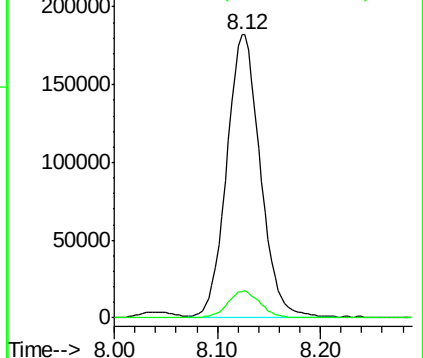


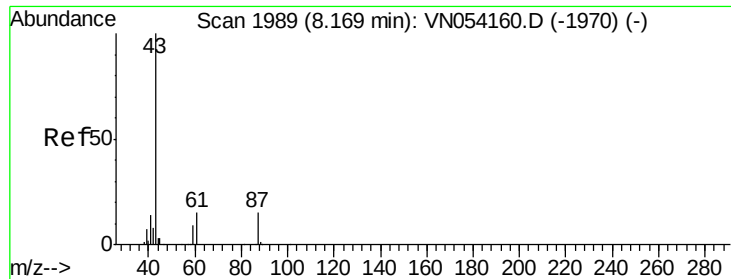
#42
1,2-Dichloroethane
Concen: 20.827 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN054179.D
Acq: 12 Mar 2019 23:05

Tgt Ion:	62	Resp:	411251
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 20.130 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

Instrument :

MSVOA_N

ClientSampleId :

VN0312WBS02

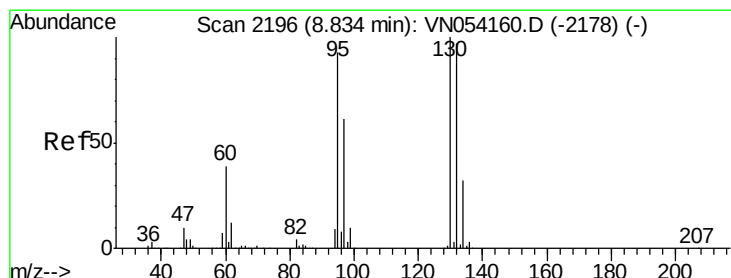
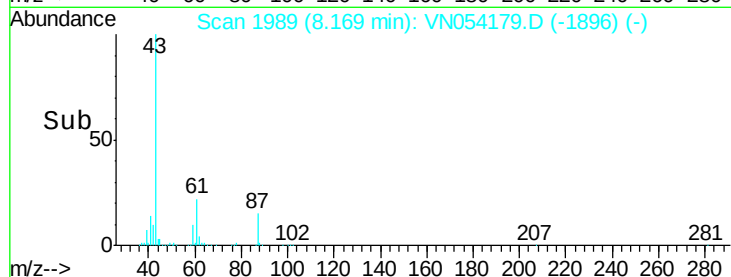
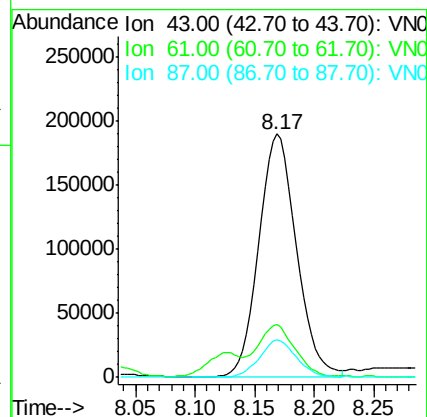
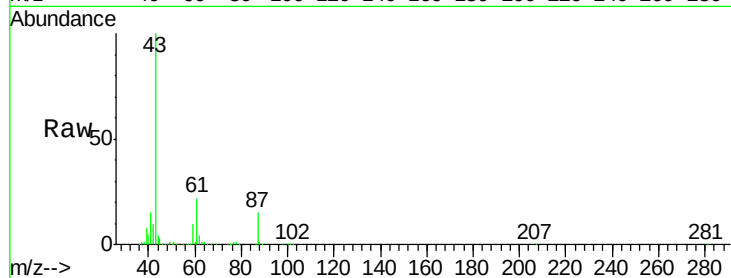
Tot Ion: 43 Resp: 414949

Ion Ratio Lower Upper

43 100

61 20.8 15.8 23.8

87 15.2 12.0 18.0



#44

Trichloroethene

Concen: 20.737 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN054179.D

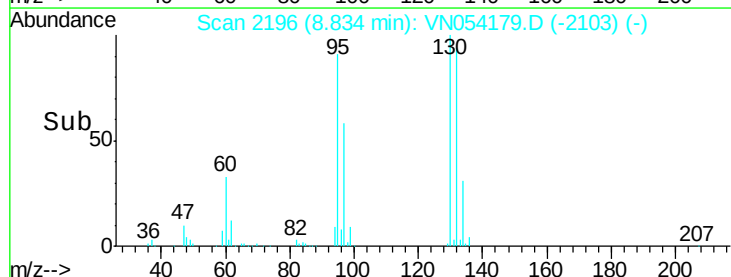
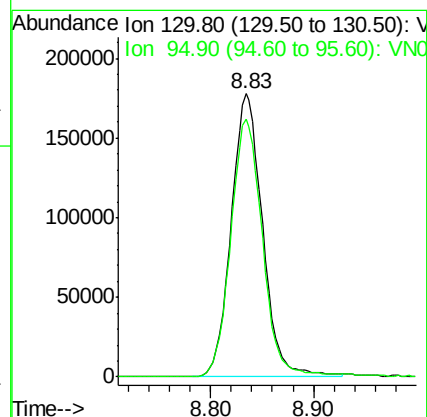
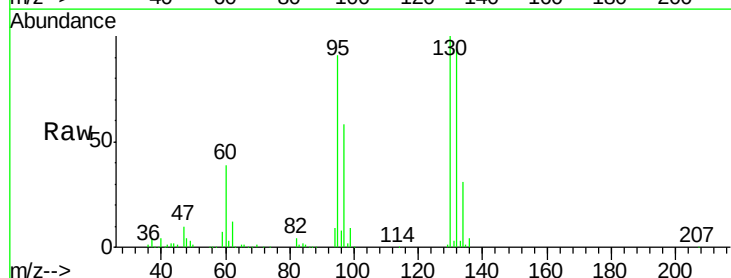
Acq: 12 Mar 2019 23:05

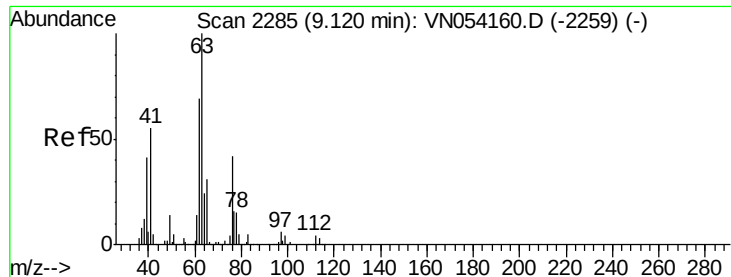
Tgt Ion: 130 Resp: 376767

Ion Ratio Lower Upper

130 100

95 91.1 0.0 185.2

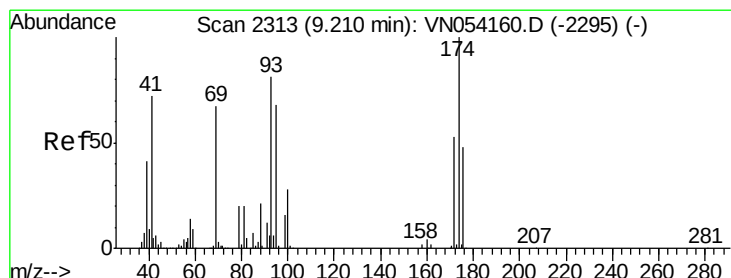
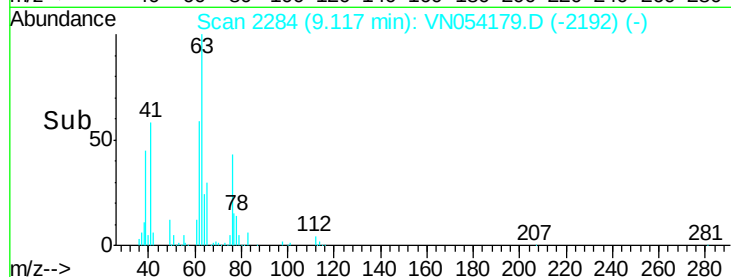
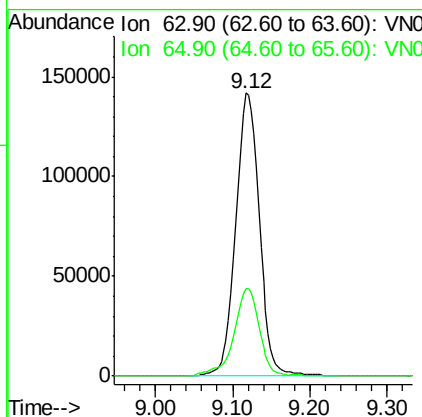
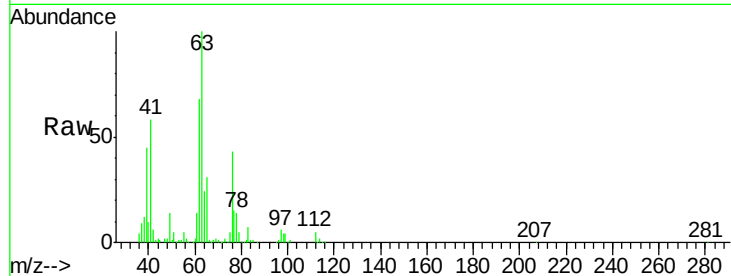




#45
 1,2-Dichloropropane
 Concen: 20.699 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN054179.D
 Acq: 12 Mar 2019 23:05

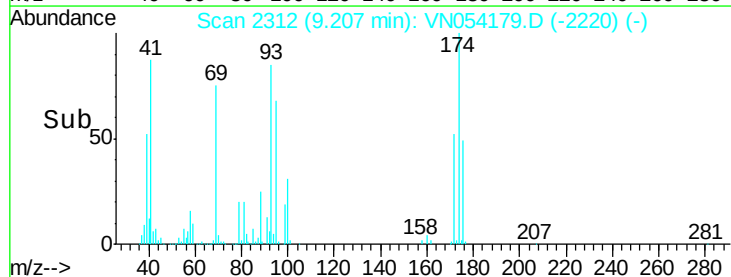
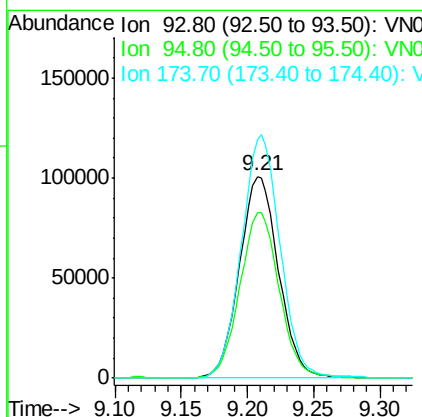
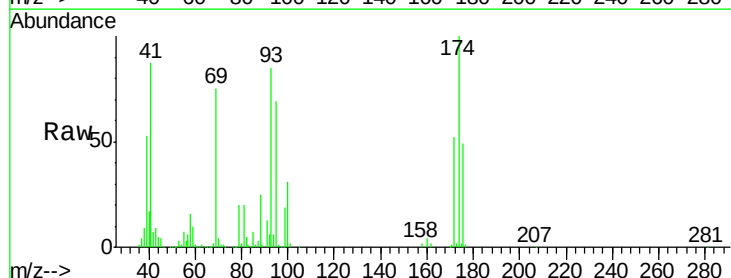
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBS02

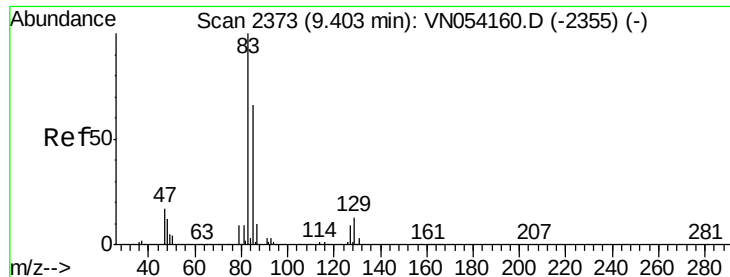
Tot Ion: 63 Resp: 300609
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.0 37.6



#46
 Dibromomethane
 Concen: 21.069 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN054179.D
 Acq: 12 Mar 2019 23:05

Tgt Ion: 93 Resp: 206745
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.7 100.1
 174 119.9 98.5 147.7





#47

Bromodichloromethane

Concen: 20.424 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

Instrument :

MSVOA_N

ClientSampled :

VN0312WBS02

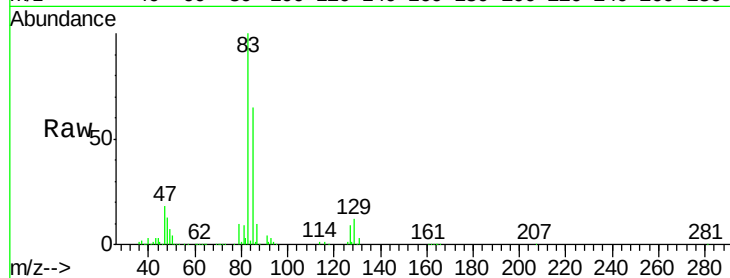
Tot Ion: 83 Resp: 401772

Ion Ratio Lower Upper

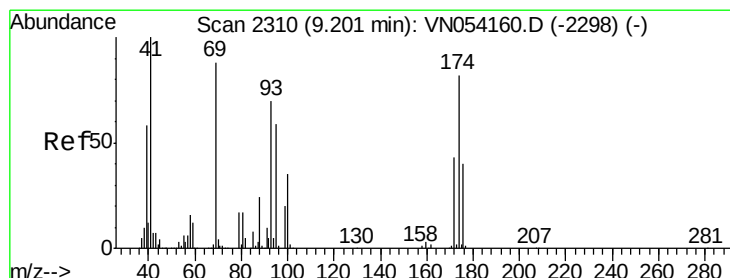
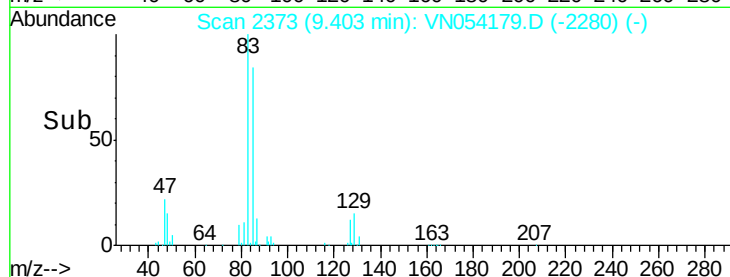
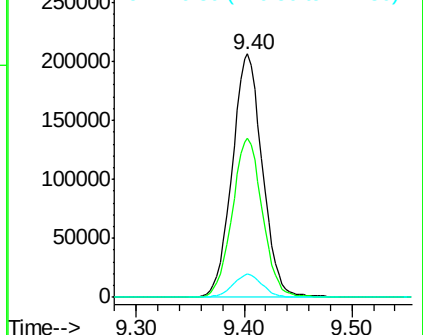
83 100

85 65.4 52.8 79.2

127 9.4 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.108 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

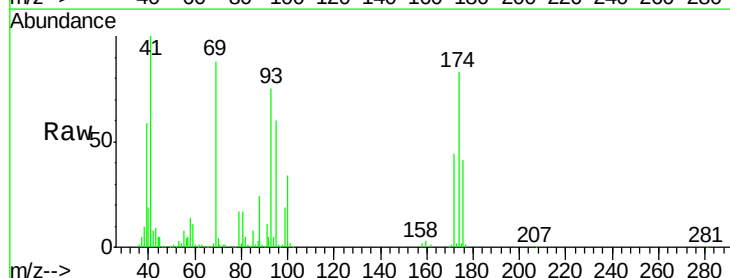
Tgt Ion: 41 Resp: 220819

Ion Ratio Lower Upper

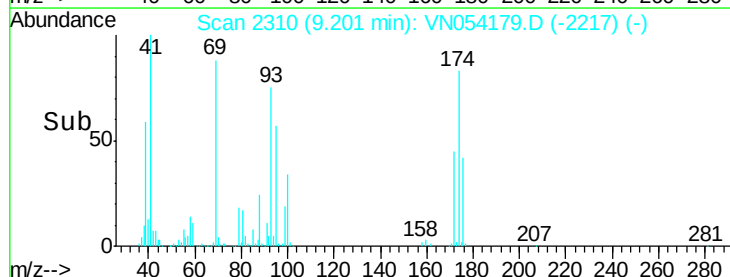
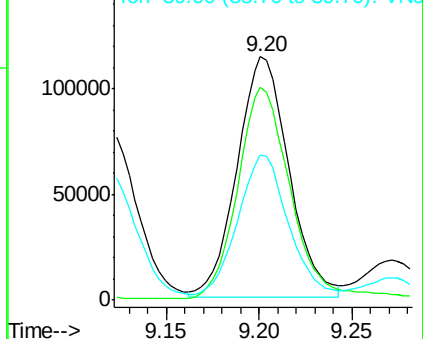
41 100

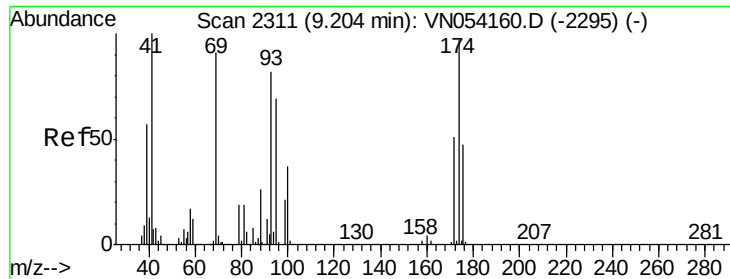
69 90.5 72.6 108.8

39 60.4 47.5 71.3



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

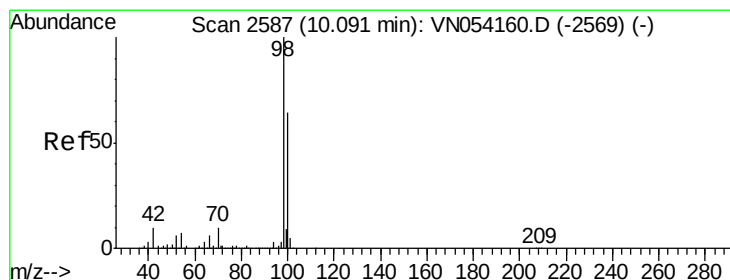
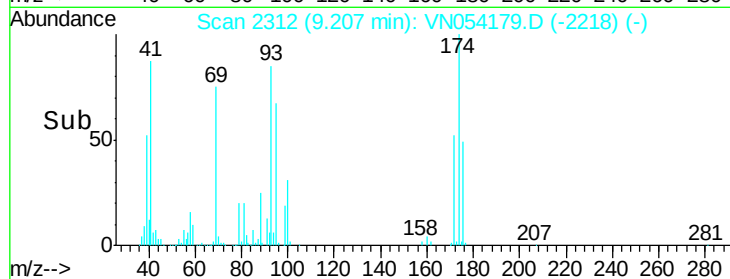
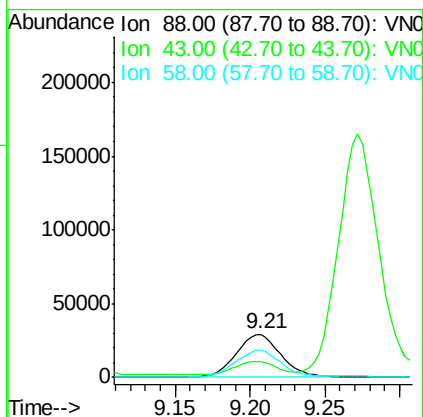
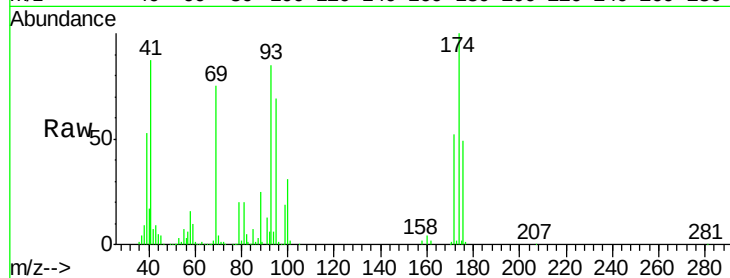




#49
1,4-Dioxane
Concen: 413.591 ug/l
RT: 9.21 min Scan# 2312
Delta R.T. 0.00 min
Lab File: VN054179.D
Acq: 12 Mar 2019 23:05

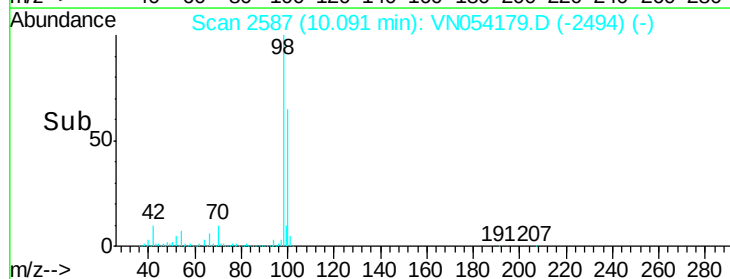
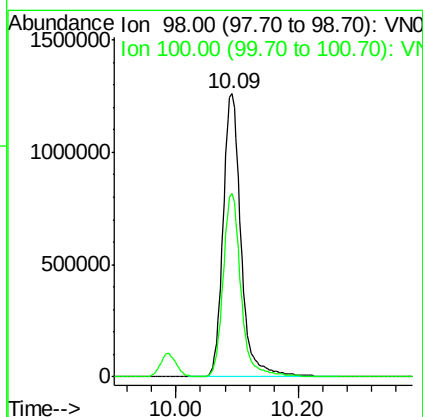
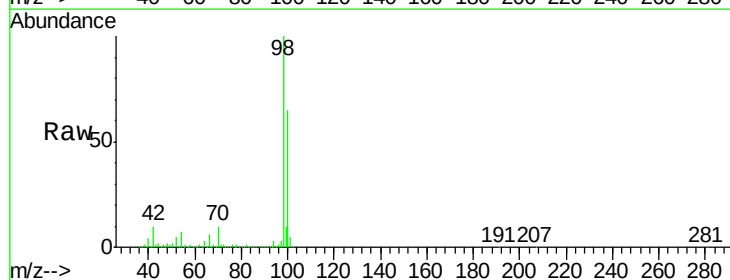
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBS02

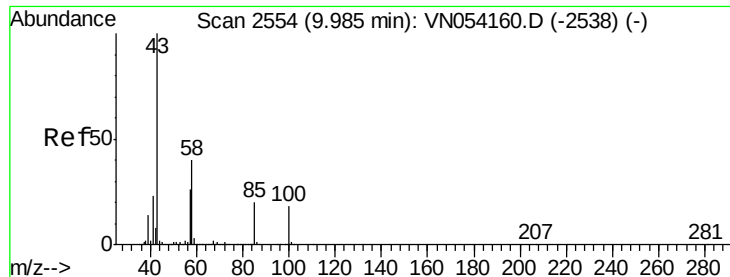
Tot Ion: 88 Resp: 61200
Ion Ratio Lower Upper
88 100
43 29.8 24.1 36.1
58 64.6 50.8 76.2



#50
Toluene-d8
Concen: 48.220 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054179.D
Acq: 12 Mar 2019 23:05

Tgt Ion: 98 Resp: 2549160
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 104.300 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

Instrument :

MSVOA_N

ClientSampleId :

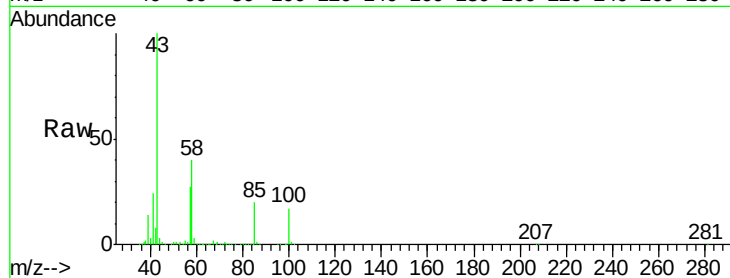
VN0312WBS02

Tot Ion: 43 Resp: 1137808

Ion Ratio Lower Upper

43 100

58 40.2 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

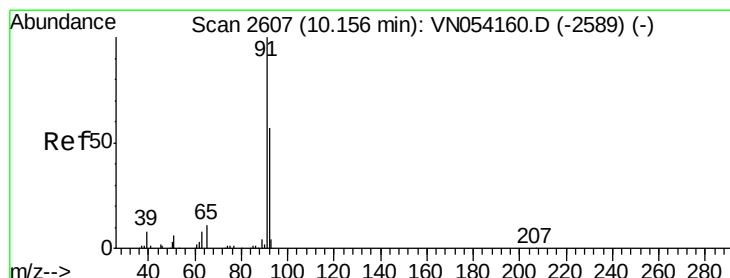
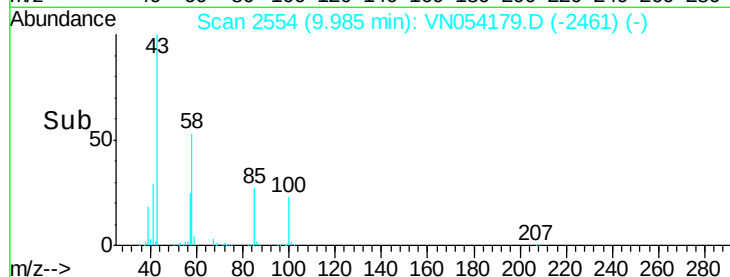
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 20.753 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054179.D

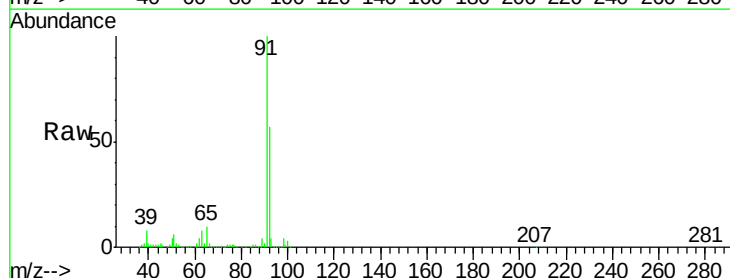
Acq: 12 Mar 2019 23:05

Tgt Ion: 92 Resp: 769626

Ion Ratio Lower Upper

92 100

91 174.5 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

800000

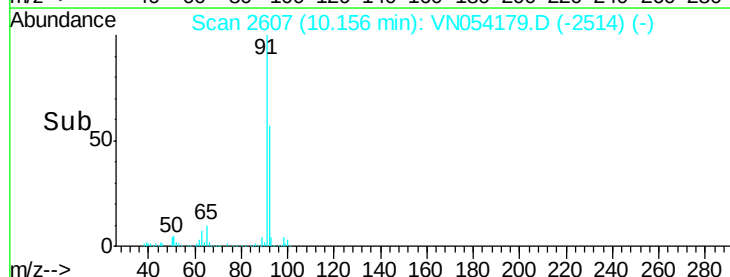
600000

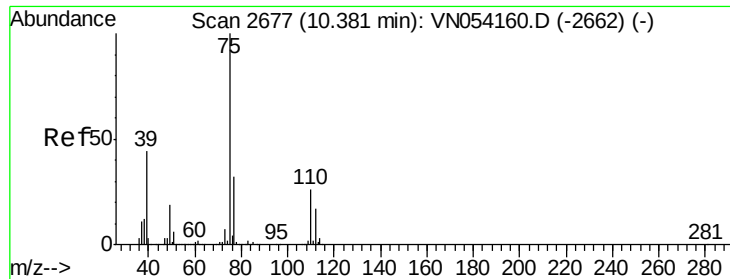
400000

200000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.666 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

Instrument :

MSVOA_N

ClientSampleId :

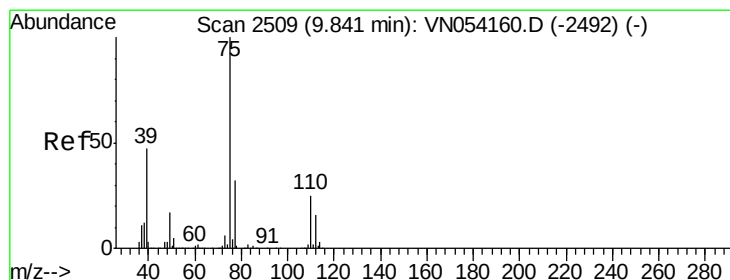
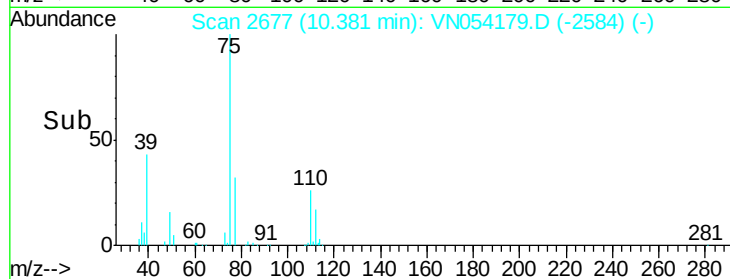
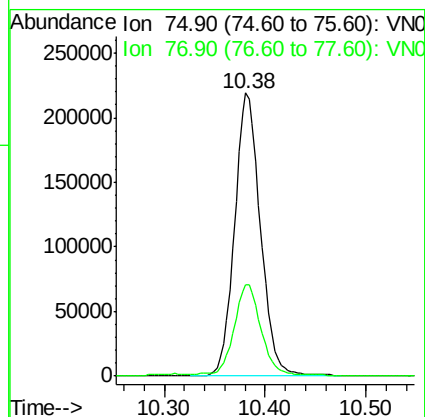
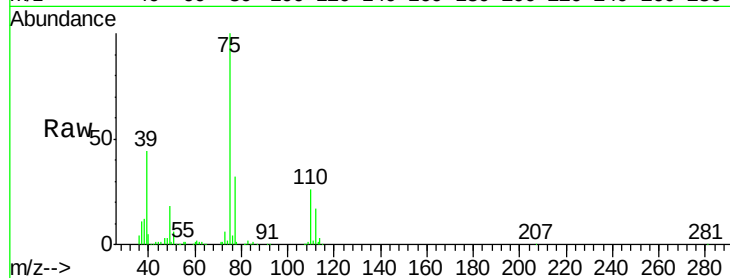
VN0312WBS02

Tot Ion: 75 Resp: 390819

Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 19.829 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

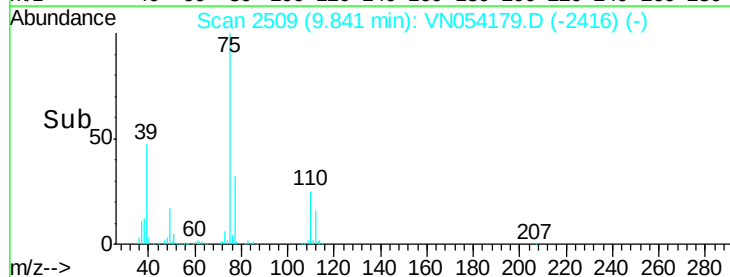
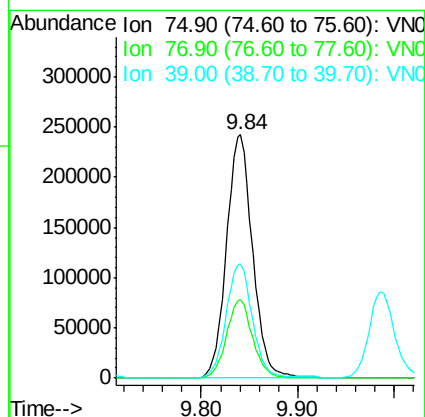
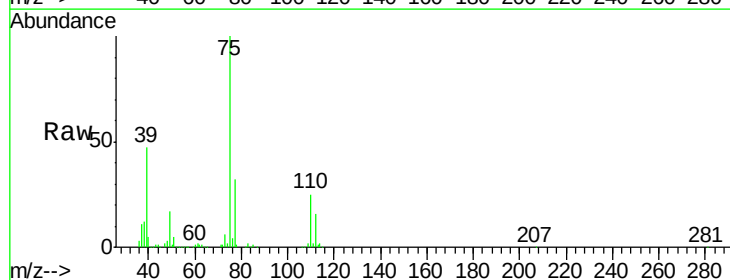
Tgt Ion: 75 Resp: 454558

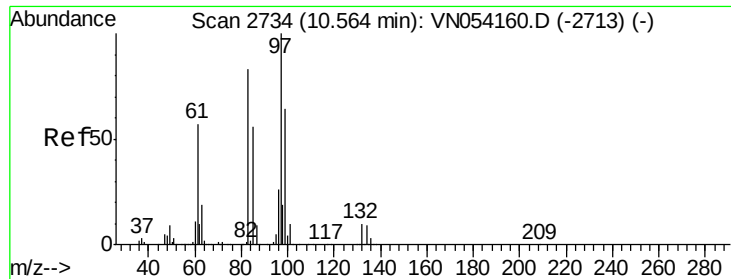
Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.0

39 46.7 37.2 55.8

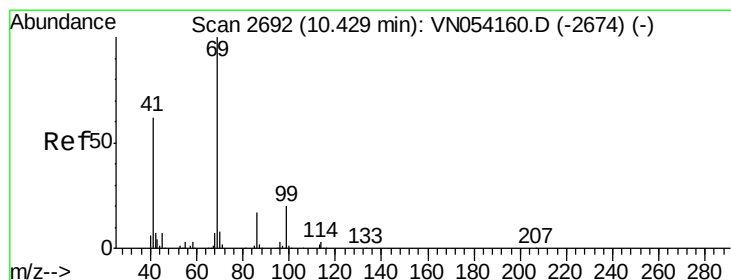
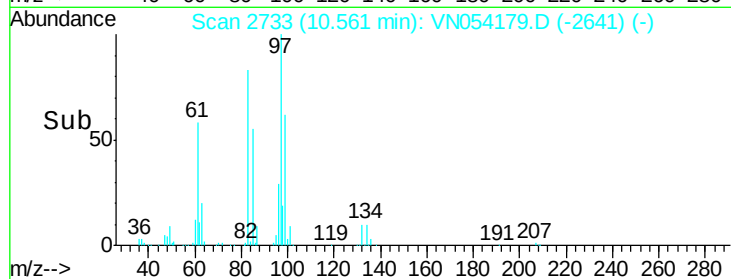
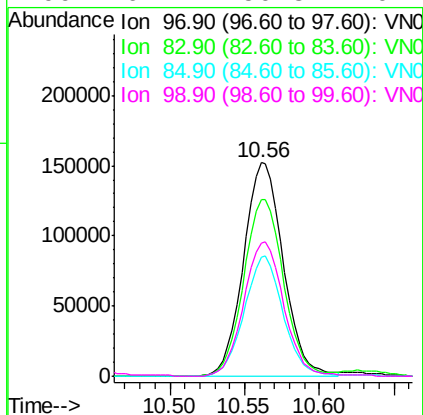
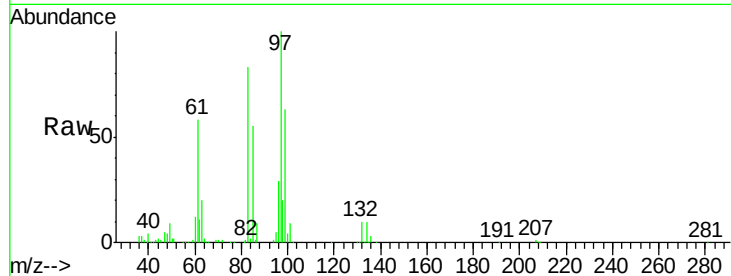




#55
 1,1,2-Trichloroethane
 Concen: 20.772 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN054179.D
 Acq: 12 Mar 2019 23:05

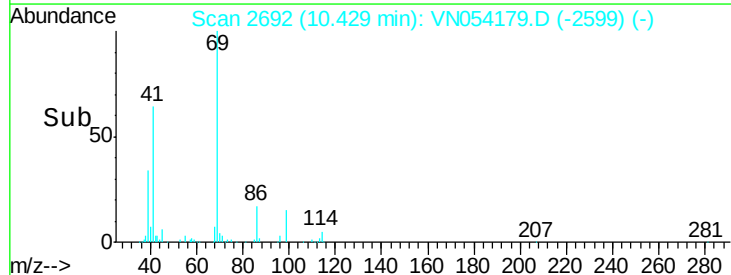
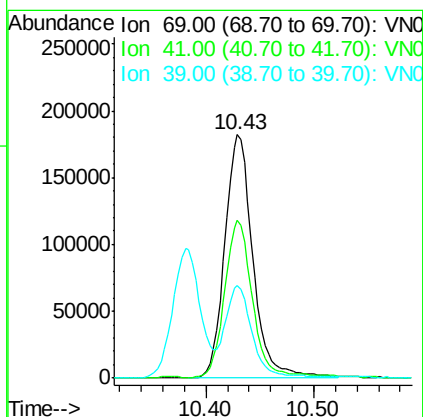
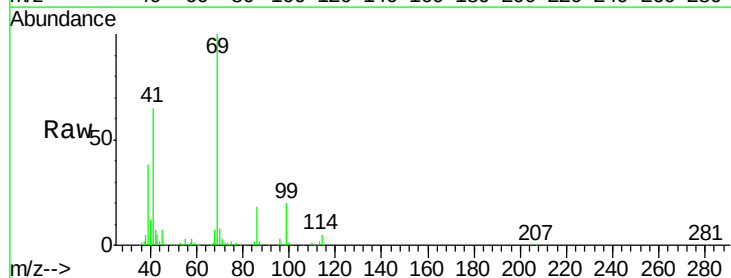
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBS02

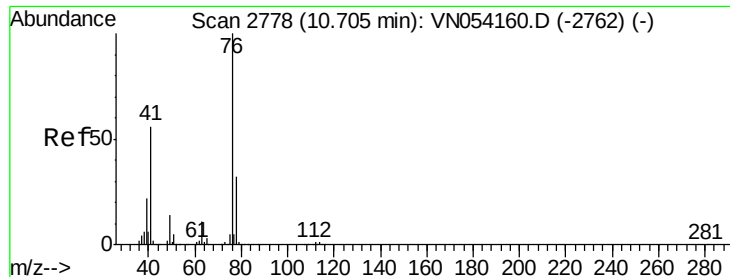
Tot Ion:	97	Resp:	281284
Ion	Ratio	Lower	Upper
97	100		
83	82.8	66.6	100.0
85	55.5	44.4	66.6
99	62.4	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 20.494 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN054179.D
 Acq: 12 Mar 2019 23:05

Tgt Ion:	69	Resp:	330895
Ion	Ratio	Lower	Upper
69	100		
41	63.6	49.4	74.2
39	35.8	28.3	42.5





#57

1,3-Dichloropropane

Concen: 20.755 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

Instrument :

MSVOA_N

ClientSampled :

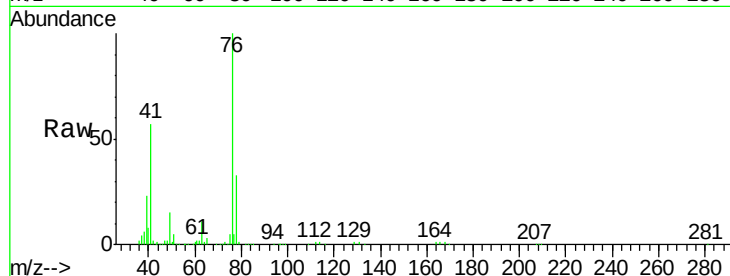
VN0312WBS02

Tot Ion: 76 Resp: 459545

Ion Ratio Lower Upper

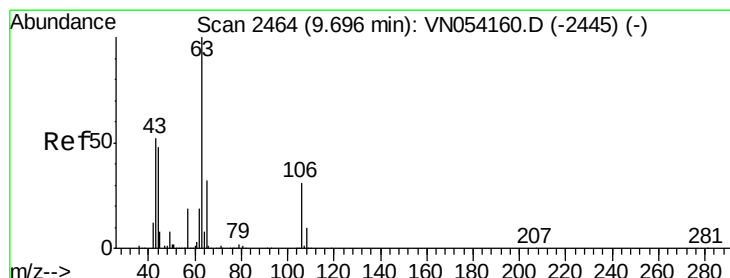
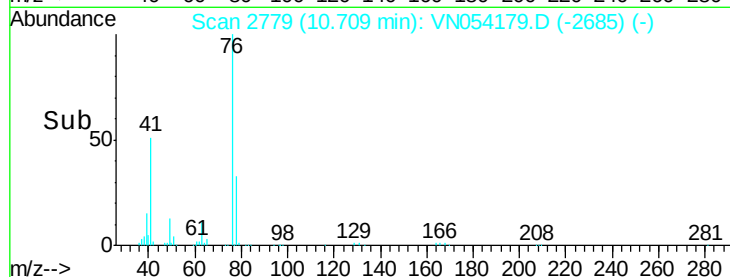
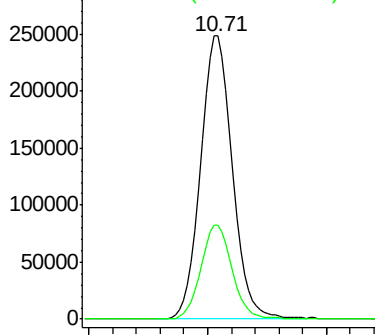
76 100

78 32.7 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 97.463 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN054179.D

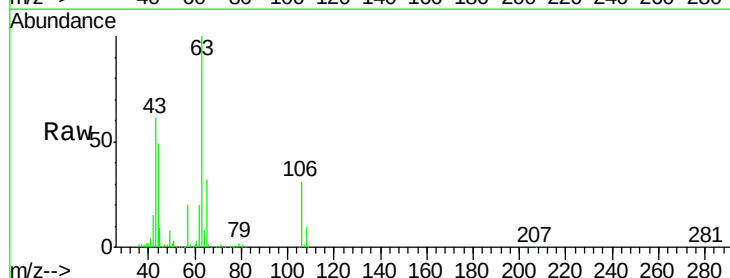
Acq: 12 Mar 2019 23:05

Tgt Ion: 63 Resp: 605606

Ion Ratio Lower Upper

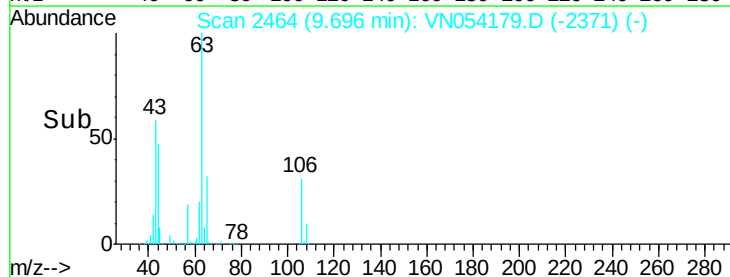
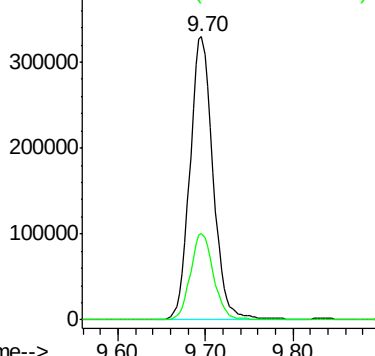
63 100

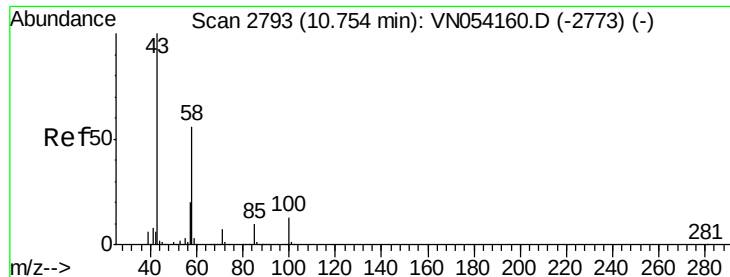
106 30.5 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

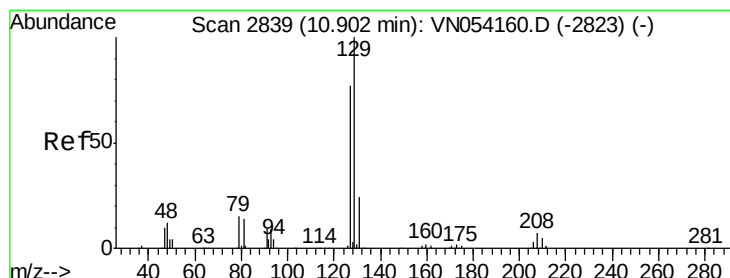
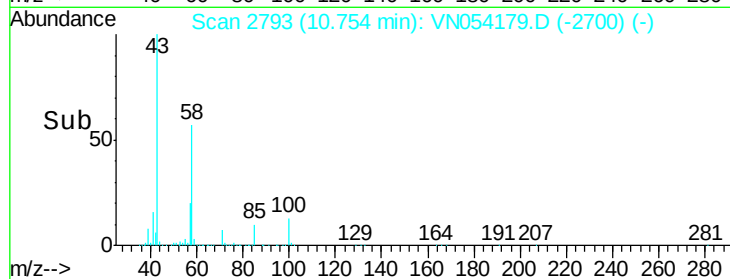
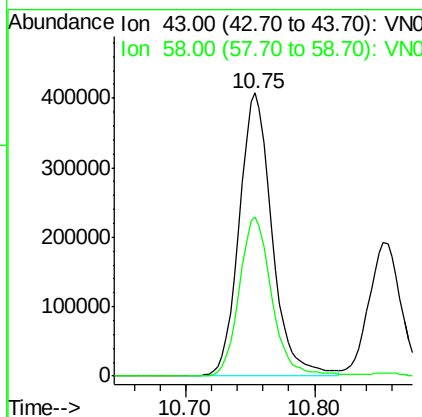
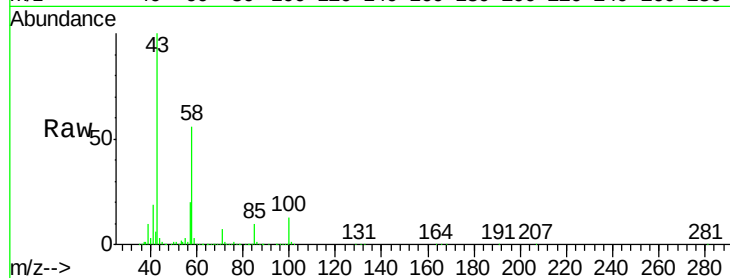




#59
2-Hexanone
Concen: 98.992 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN054179.D
Acq: 12 Mar 2019 23:05

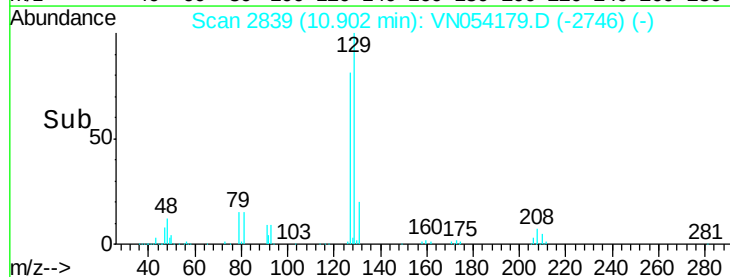
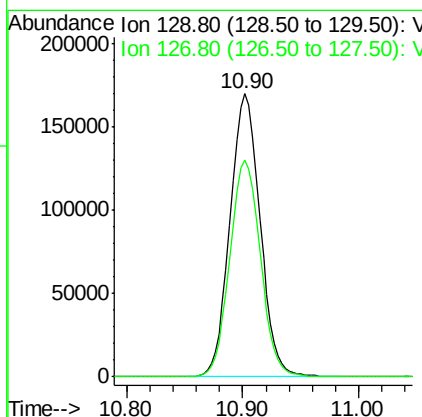
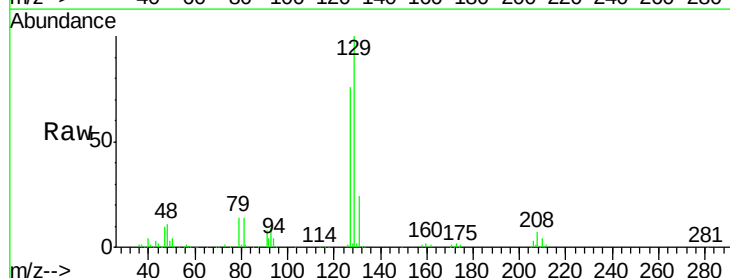
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBS02

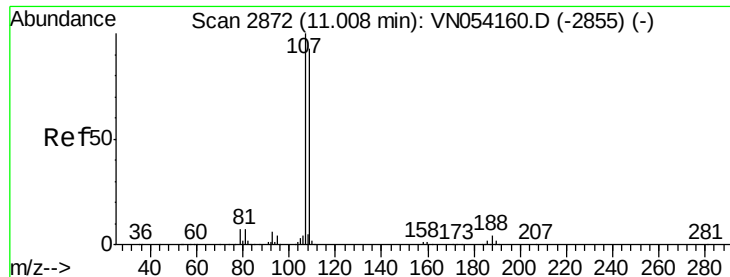
Tot Ion: 43 Resp: 718567
Ion Ratio Lower Upper
43 100
58 56.1 28.0 83.9



#60
Dibromochloromethane
Concen: 20.015 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN054179.D
Acq: 12 Mar 2019 23:05

Tgt Ion: 129 Resp: 305063
Ion Ratio Lower Upper
129 100
127 78.0 38.6 115.8

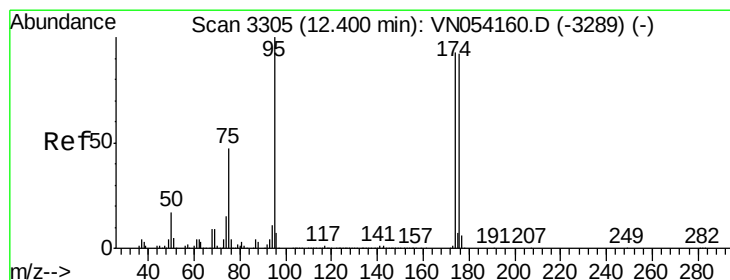
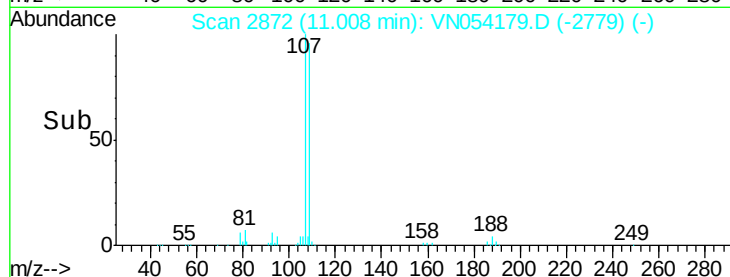
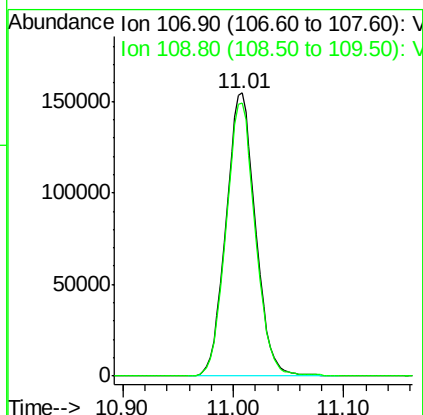
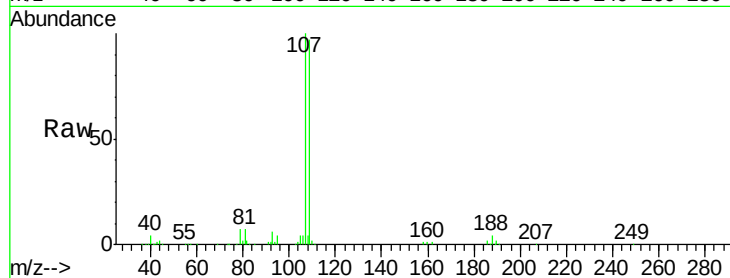




#61
 1,2-Dibromoethane
 Concen: 20.826 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN054179.D
 Acq: 12 Mar 2019 23:05

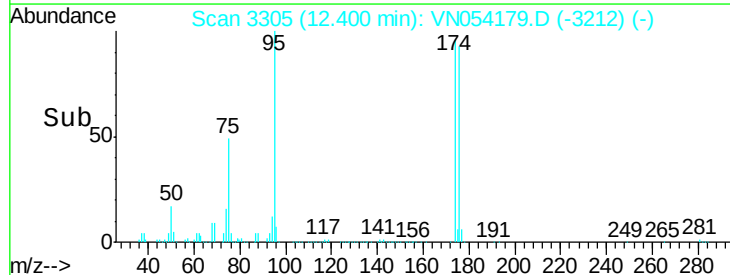
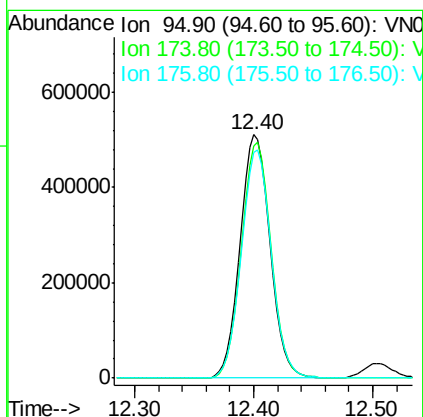
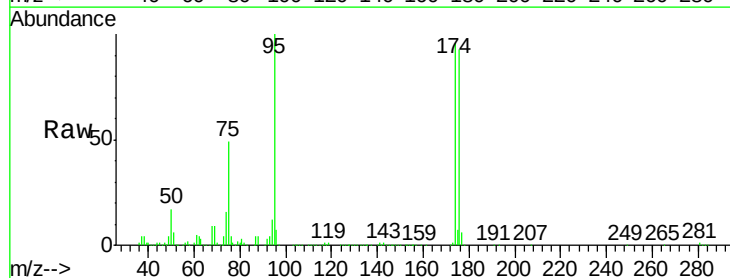
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBS02

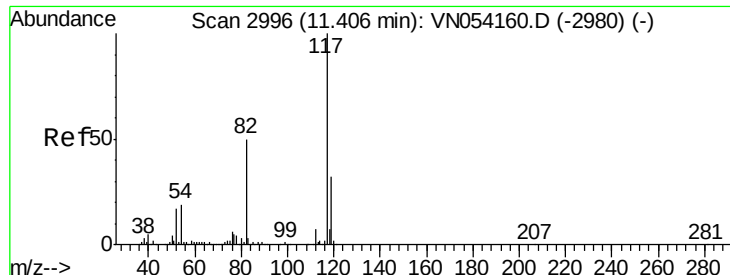
Tot Ion: 107 Resp: 286587
 Ion Ratio Lower Upper
 107 100
 109 96.1 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 48.121 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN054179.D
 Acq: 12 Mar 2019 23:05

Tgt Ion: 95 Resp: 890107
 Ion Ratio Lower Upper
 95 100
 174 96.5 0.0 191.0
 176 94.0 0.0 187.4

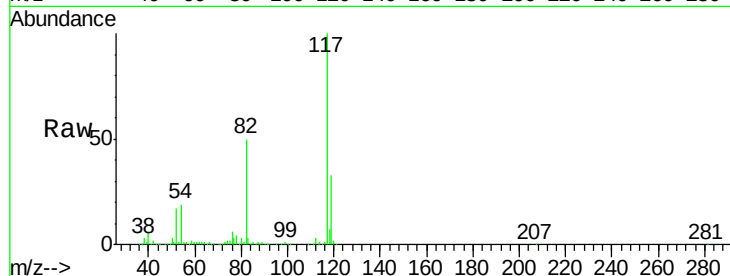




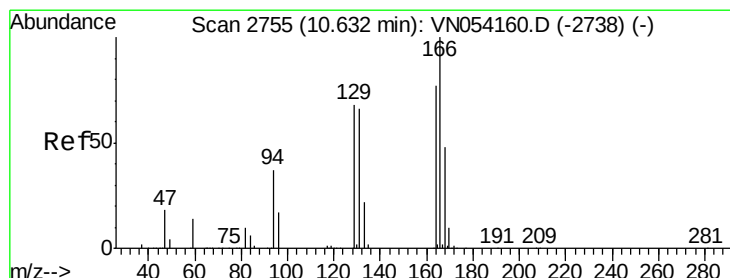
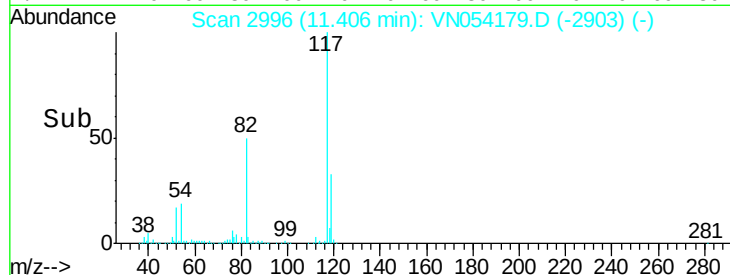
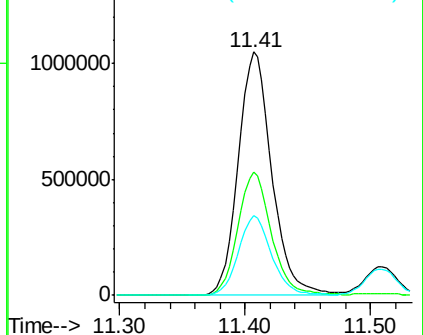
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054179.D
Acq: 12 Mar 2019 23:05

Instrument :
MSVOA_N
ClientSampled :
VN0312WBS02

Tot Ion:117 Resp: 1954346
Ion Ratio Lower Upper
117 100
82 50.4 40.0 60.0
119 32.5 25.8 38.6

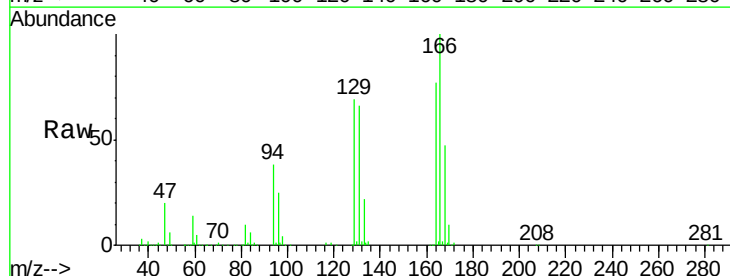


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

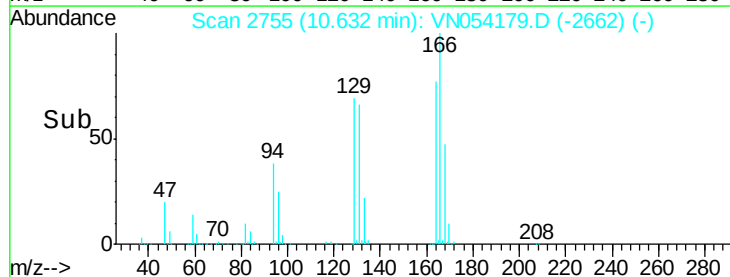
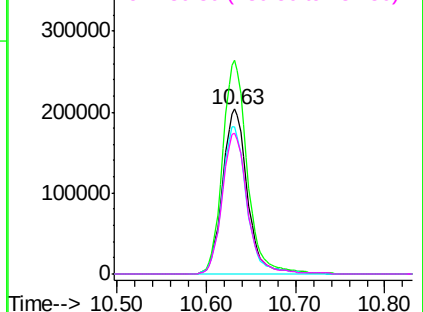


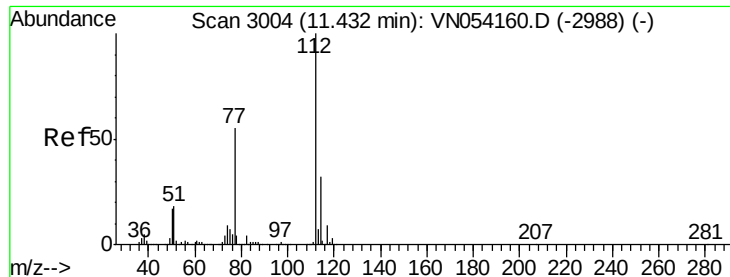
#64
Tetrachloroethene
Concen: 20.758 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN054179.D
Acq: 12 Mar 2019 23:05

Tgt Ion:164 Resp: 392237
Ion Ratio Lower Upper
164 100
166 129.4 103.9 155.9
129 89.1 71.1 106.7
131 85.5 68.2 102.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 20.638 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

Instrument :

MSVOA_N

ClientSampled :

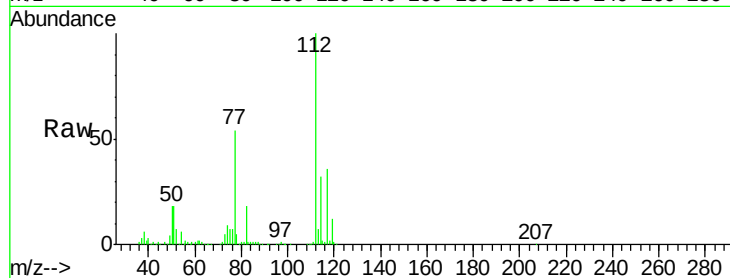
VN0312WBS02

Tot Ion:112 Resp: 885619

Ion Ratio Lower Upper

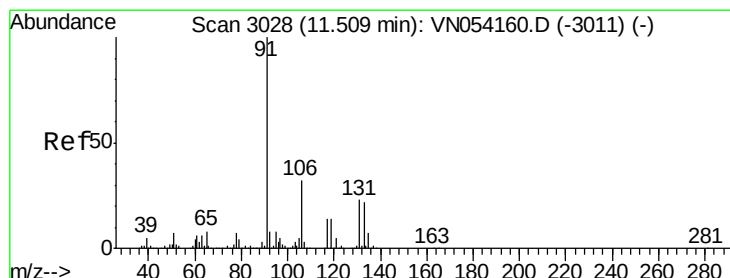
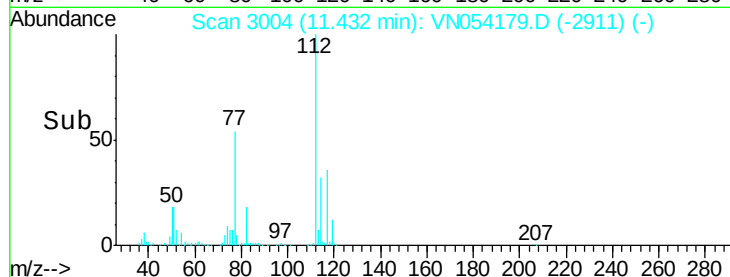
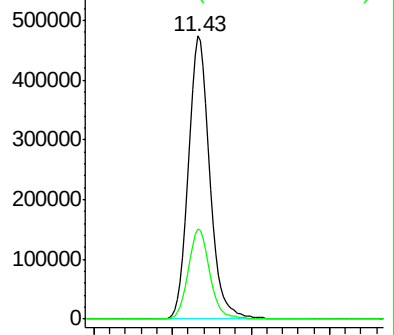
112 100

114 31.9 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.380 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

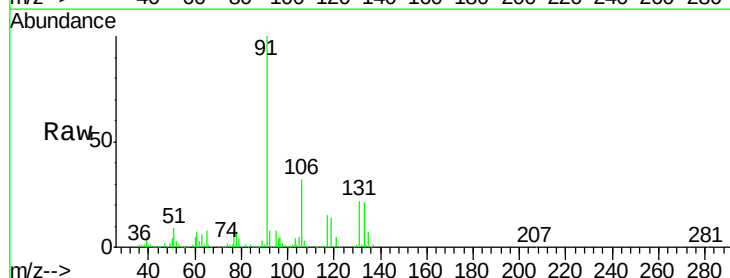
Tgt Ion:131 Resp: 317693

Ion Ratio Lower Upper

131 100

133 94.6 47.6 142.9

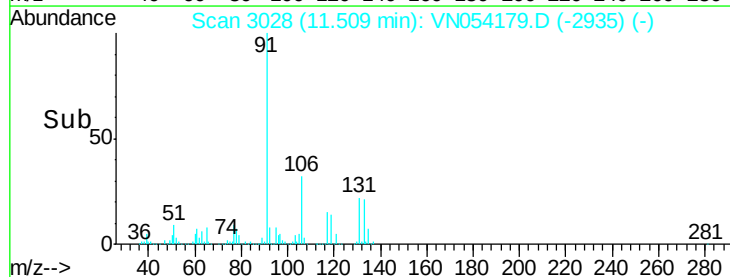
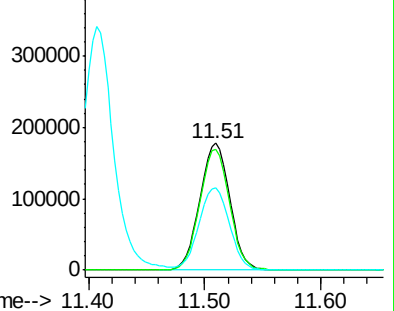
119 65.3 32.4 97.0

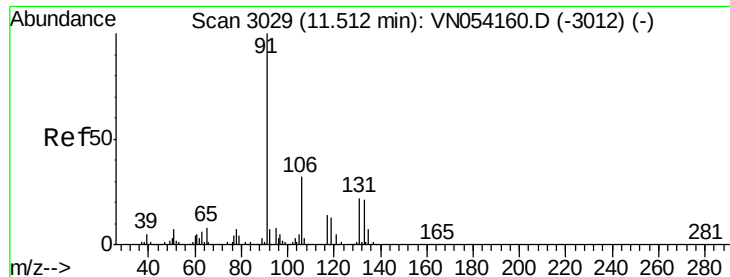


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.276 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

Instrument :

MSVOA_N

ClientSampled :

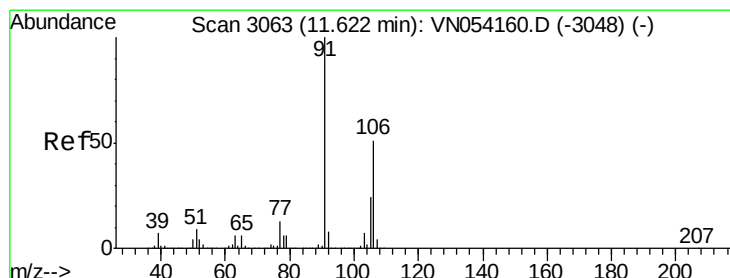
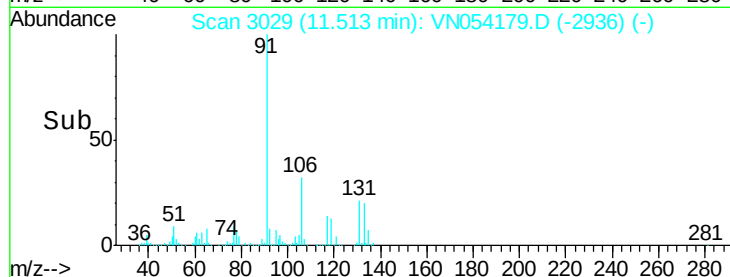
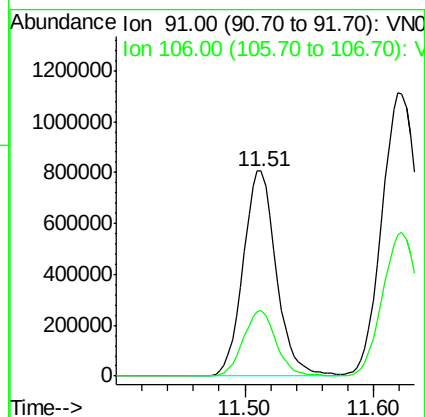
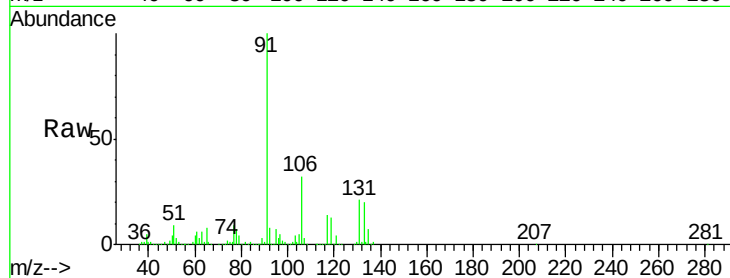
VN0312WBS02

Tot Ion: 91 Resp: 1442335

Ion Ratio Lower Upper

91 100

106 32.0 25.5 38.3



#68

m/p-Xylenes

Concen: 40.836 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN054179.D

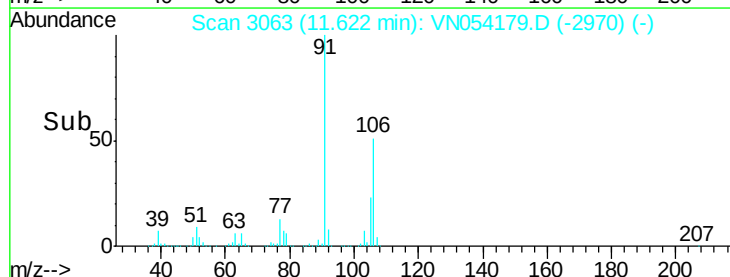
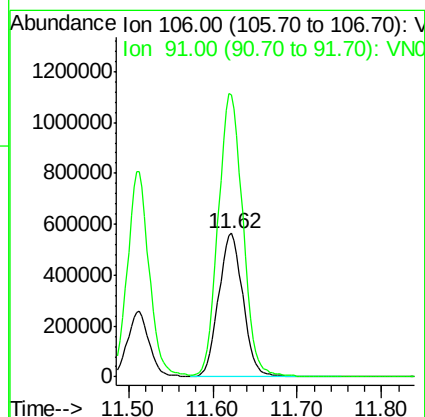
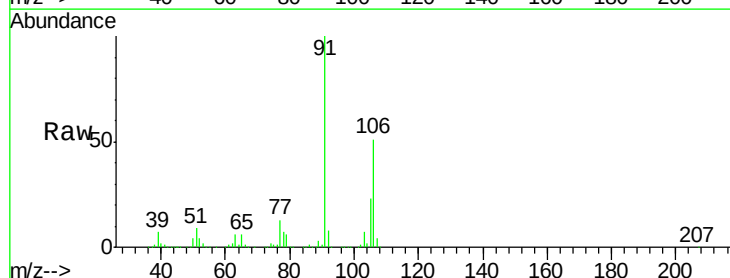
Acq: 12 Mar 2019 23:05

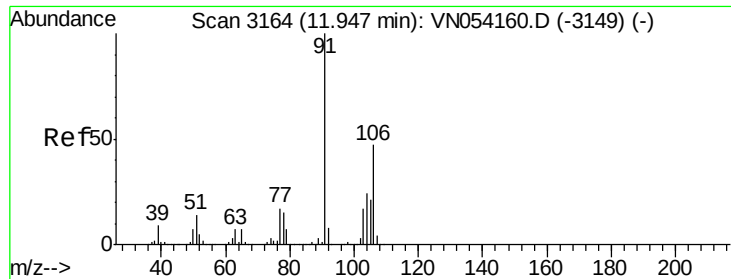
Tgt Ion: 106 Resp: 1135331

Ion Ratio Lower Upper

106 100

91 199.7 159.4 239.2

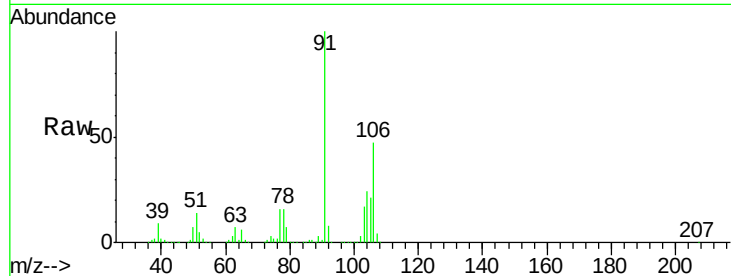




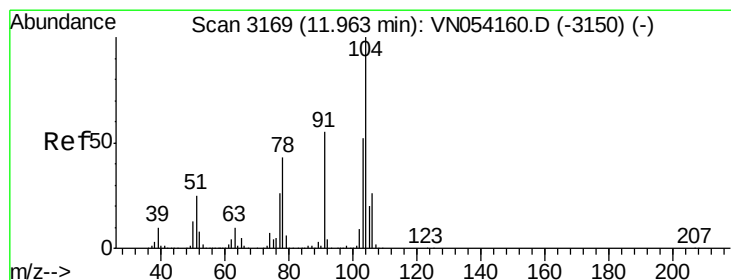
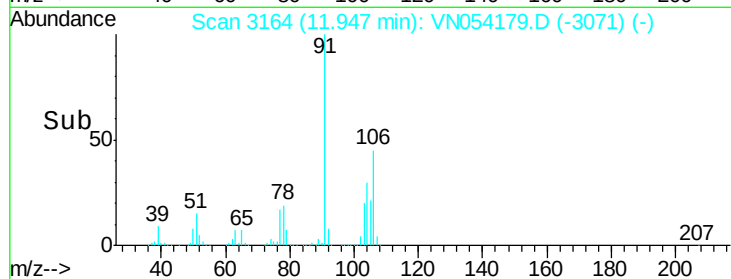
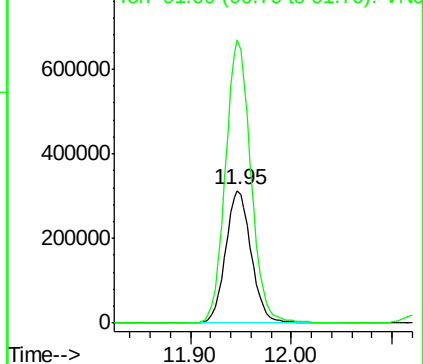
#69
o-Xylene
Concen: 20.484 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054179.D
Acq: 12 Mar 2019 23:05

Instrument :
MSVOA_N
ClientSampleId :
VN0312WBS02

Tot Ion:106 Resp: 555171
Ion Ratio Lower Upper
106 100
91 212.3 105.7 317.1

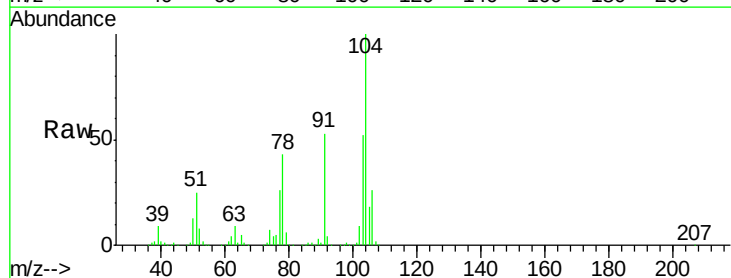


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

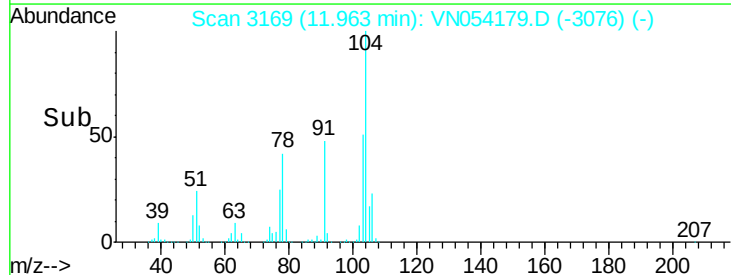
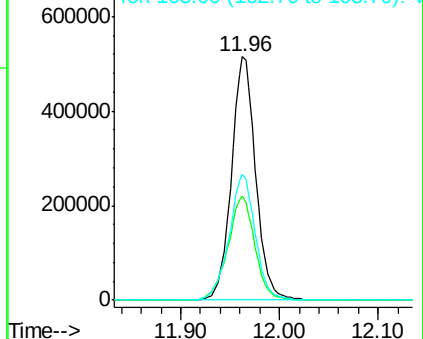


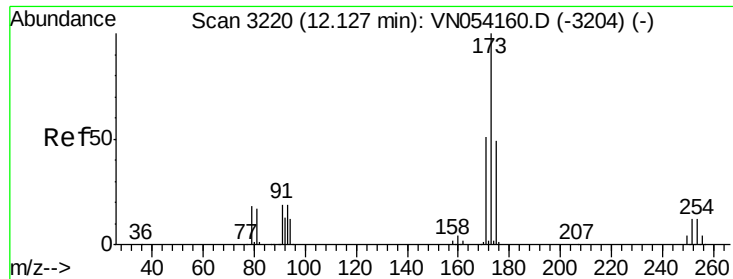
#70
Styrene
Concen: 20.681 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN054179.D
Acq: 12 Mar 2019 23:05

Tgt Ion:104 Resp: 879066
Ion Ratio Lower Upper
104 100
78 47.6 38.2 57.2
103 55.8 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V

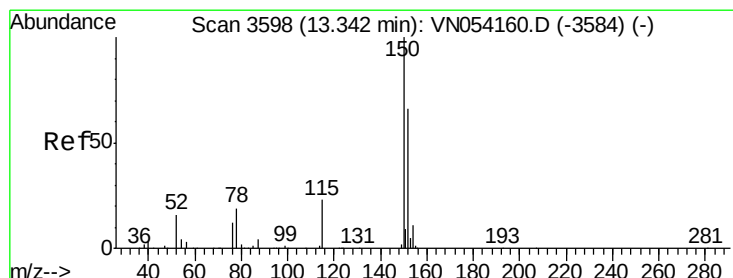
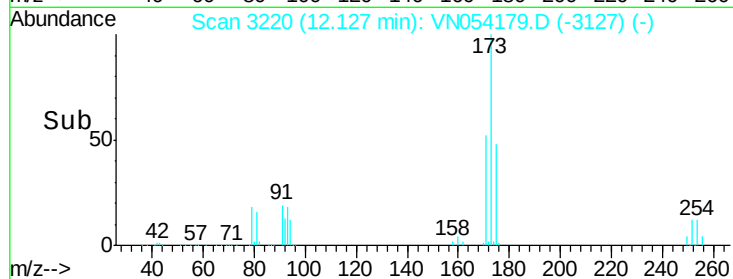
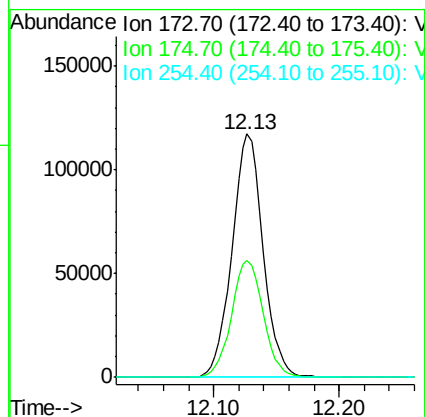
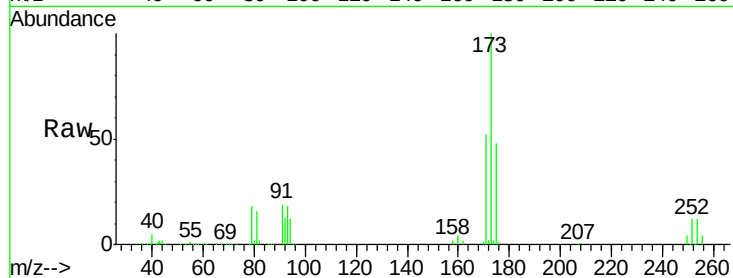




#71
Bromoform
Concen: 18.471 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN054179.D
Acq: 12 Mar 2019 23:05

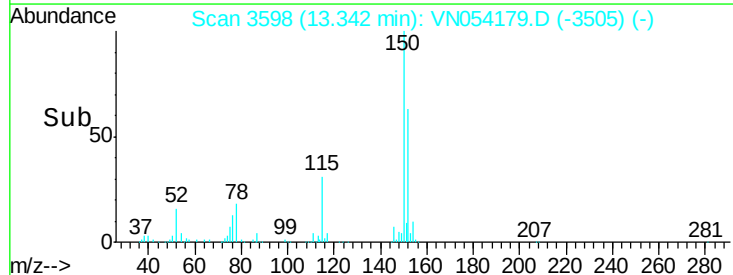
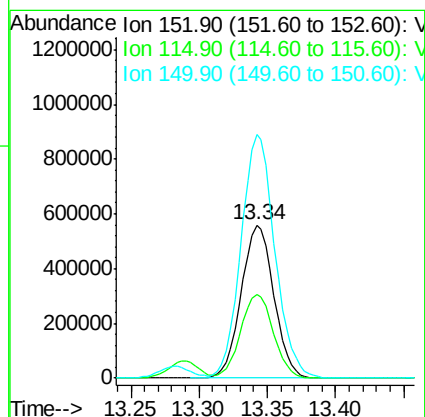
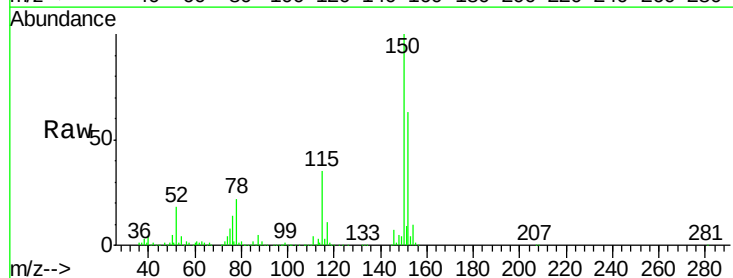
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBS02

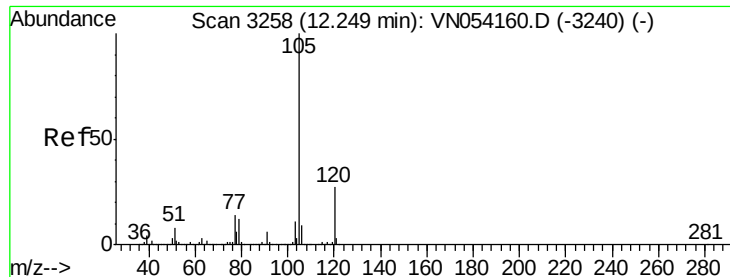
Tot Ion:173 Resp: 201014
Ion Ratio Lower Upper
173 100
175 49.2 24.4 73.2
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054179.D
Acq: 12 Mar 2019 23:05

Tgt Ion:152 Resp: 929472
Ion Ratio Lower Upper
152 100
115 55.0 27.2 81.6
150 164.8 0.0 349.2





#73

Isopropylbenzene

Concen: 19.958 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

Instrument :

MSVOA_N

ClientSampleId :

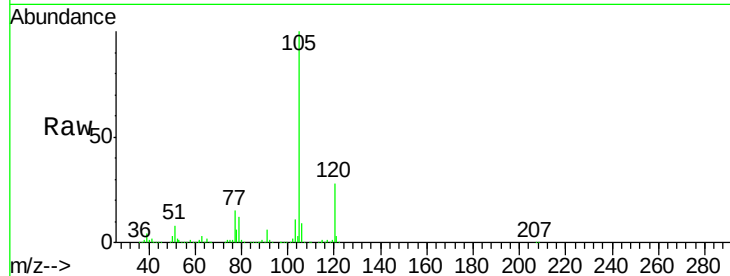
VN0312WBS02

Tot Ion:105 Resp: 1484119

Ion Ratio Lower Upper

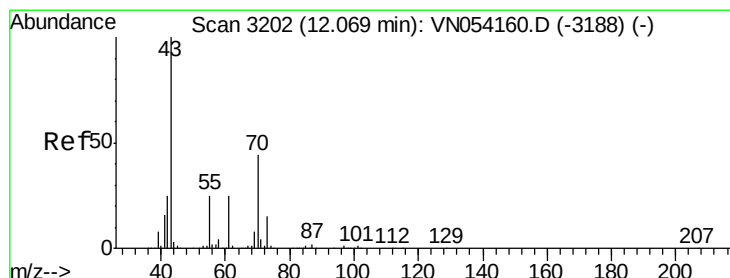
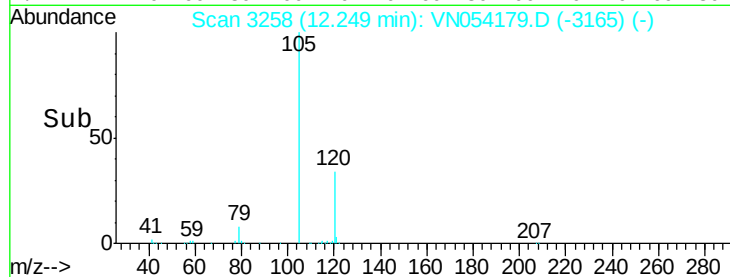
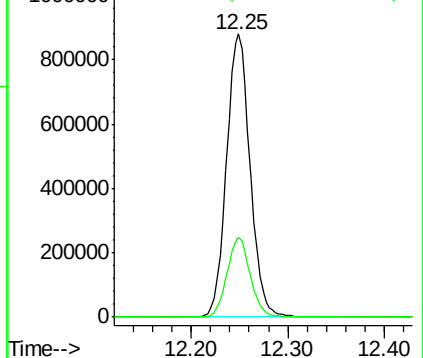
105 100

120 27.8 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.066 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

Tgt Ion: 43 Resp: 331209

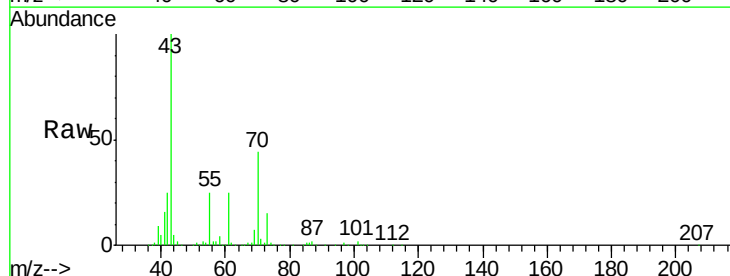
Ion Ratio Lower Upper

43 100

70 44.6 35.4 53.0

55 25.5 19.8 29.6

61 25.0 19.8 29.6

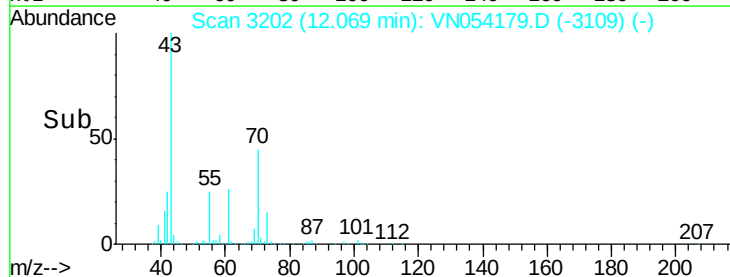
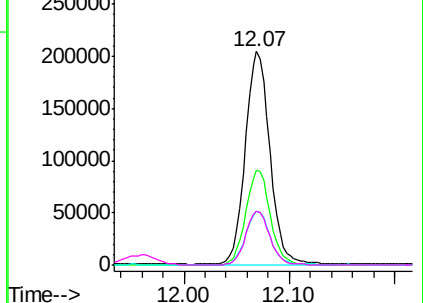


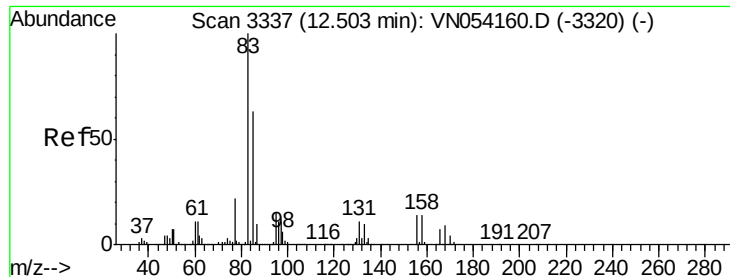
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.955 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

Instrument :

MSVOA_N

ClientSampleId :

VN0312WBS02

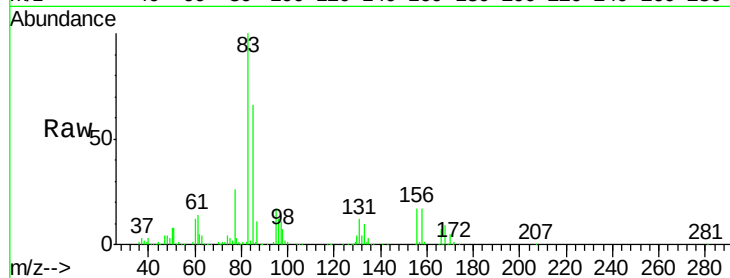
Tot Ion: 83 Resp: 316159

Ion Ratio Lower Upper

83 100

131 12.0 5.8 17.4

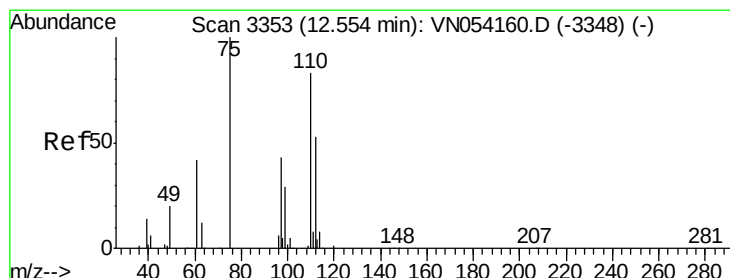
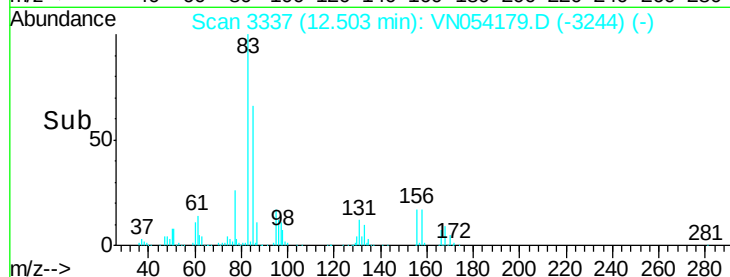
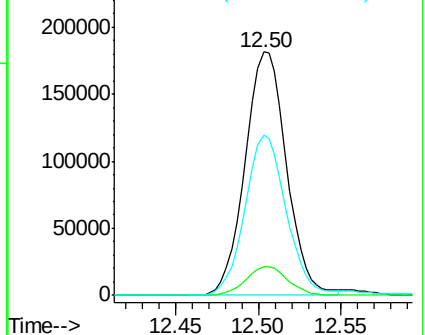
85 65.1 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 28.166 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054179.D

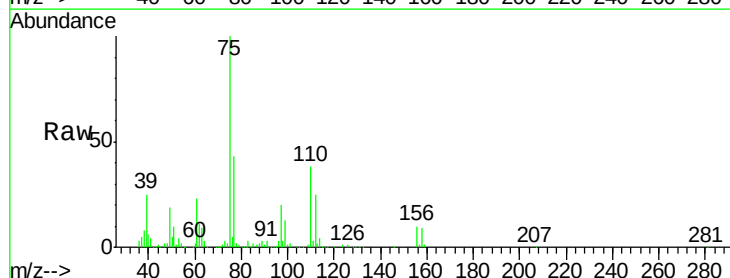
Acq: 12 Mar 2019 23:05

Tgt Ion: 75 Resp: 384981

Ion Ratio Lower Upper

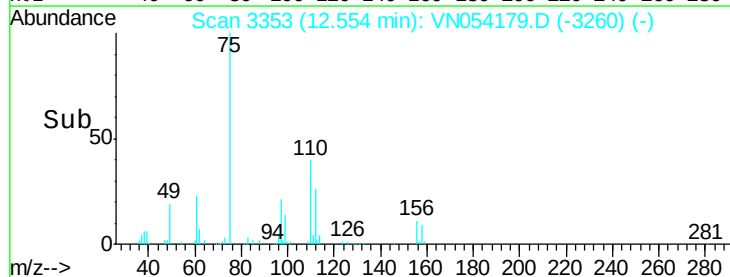
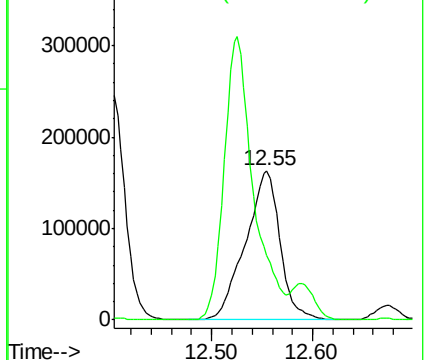
75 100

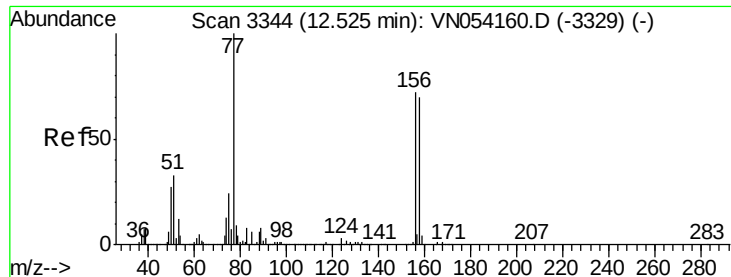
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.808 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

Instrument :

MSVOA_N

ClientSampleId :

VN0312WBS02

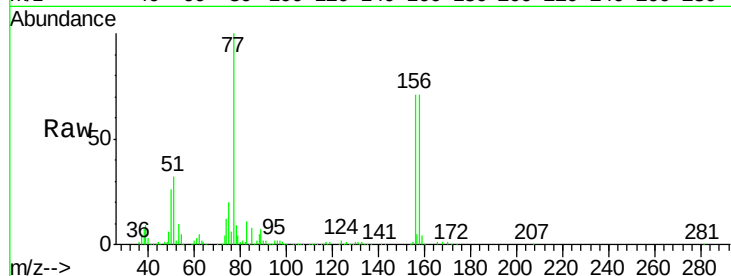
Tot Ion:156 Resp: 389781

Ion Ratio Lower Upper

156 100

77 161.3 81.5 244.4

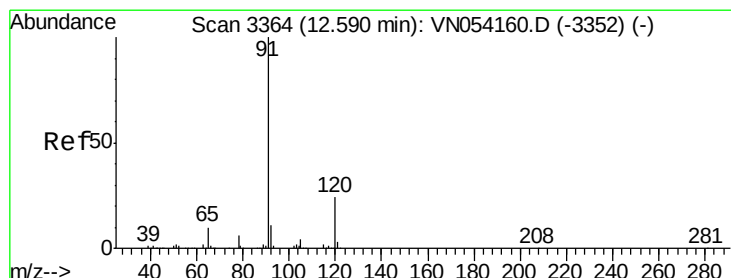
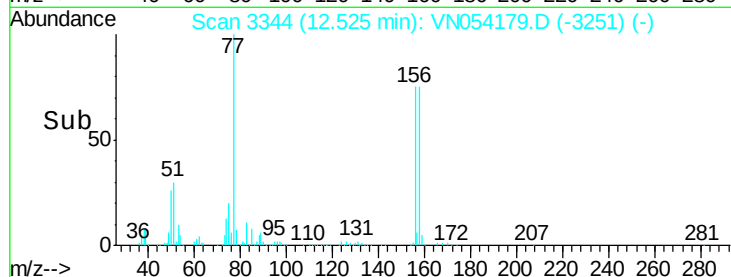
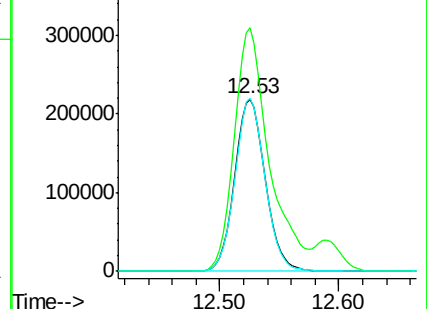
158 98.9 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.905 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054179.D

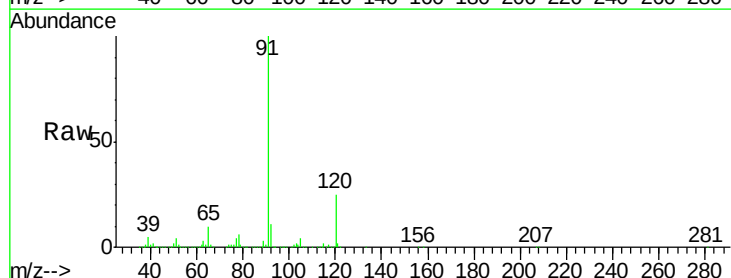
Acq: 12 Mar 2019 23:05

Tgt Ion: 91 Resp: 1606098

Ion Ratio Lower Upper

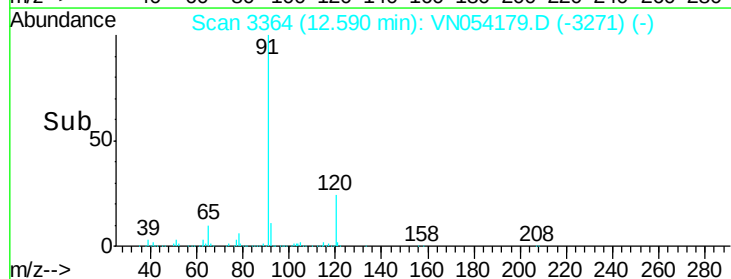
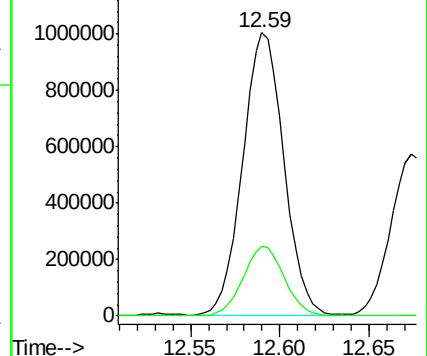
91 100

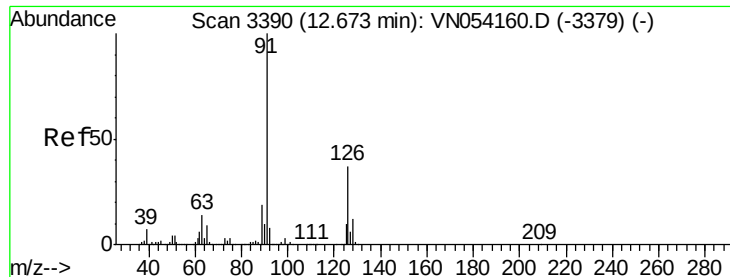
120 24.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.895 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

Instrument :

MSVOA_N

ClientSampleId :

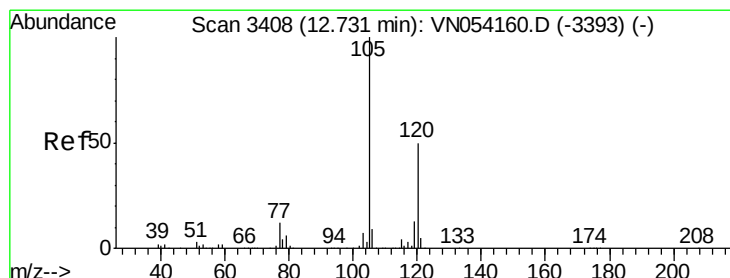
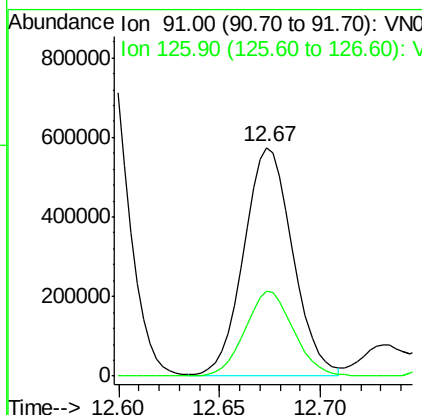
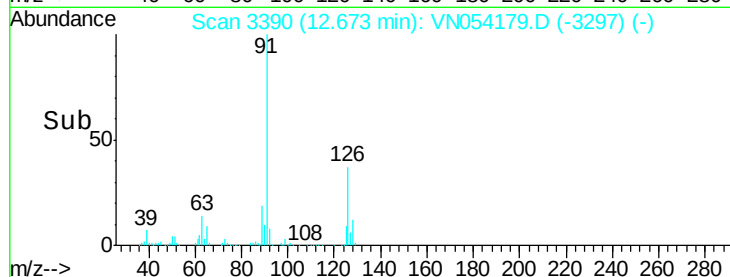
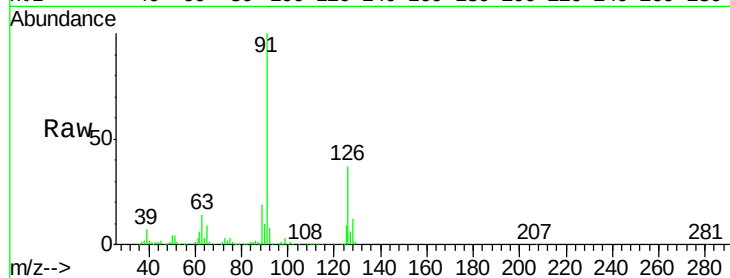
VN0312WBS02

Tot Ion: 91 Resp: 965213

Ion Ratio Lower Upper

91 100

126 37.4 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 19.863 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054179.D

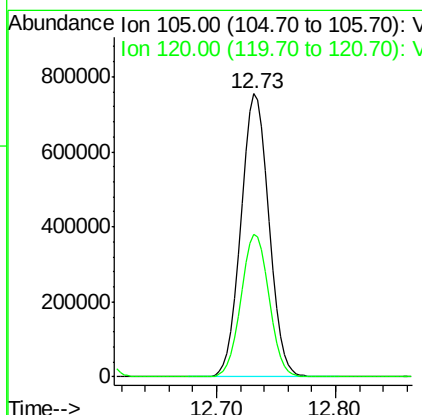
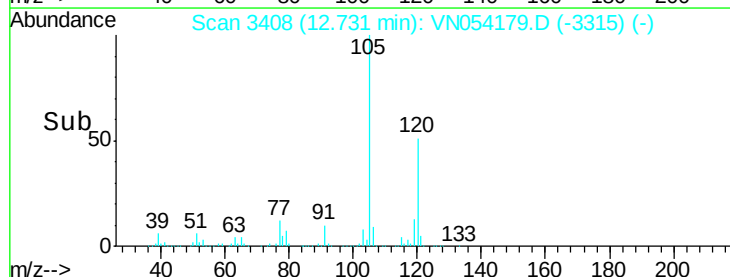
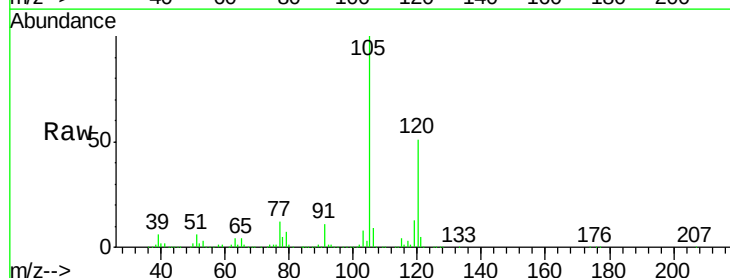
Acq: 12 Mar 2019 23:05

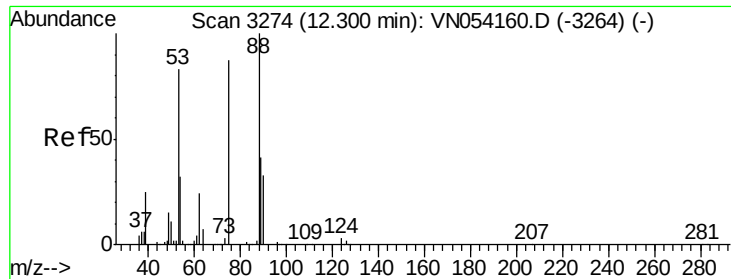
Tgt Ion: 105 Resp: 1228637

Ion Ratio Lower Upper

105 100

120 50.2 25.0 75.0

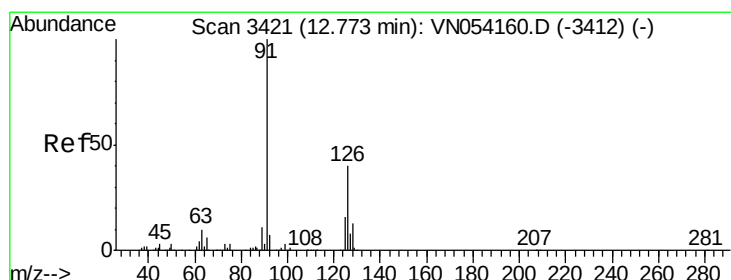
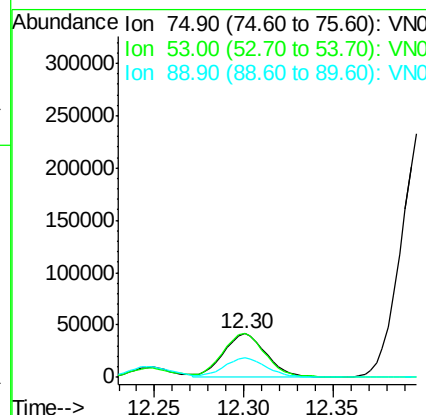
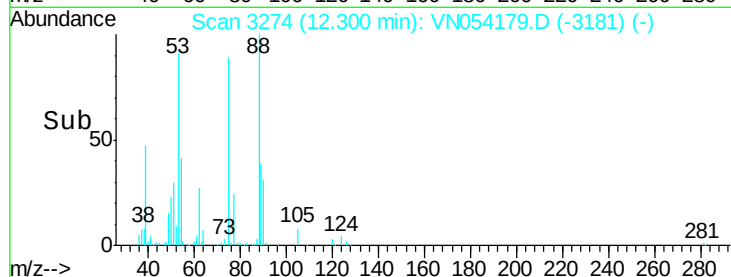
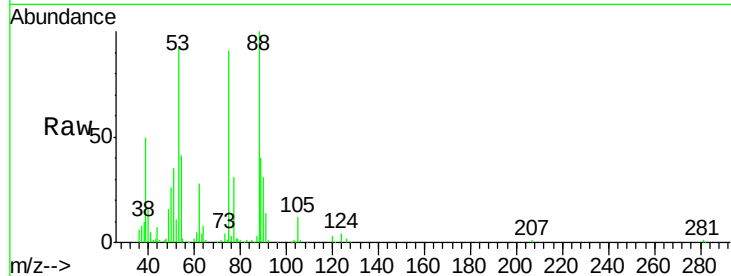




#81
trans-1,4-Dichloro-2-butene
Concen: 17.042 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN054179.D
Acq: 12 Mar 2019 23:05

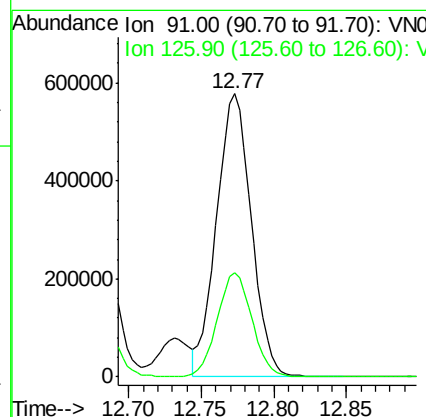
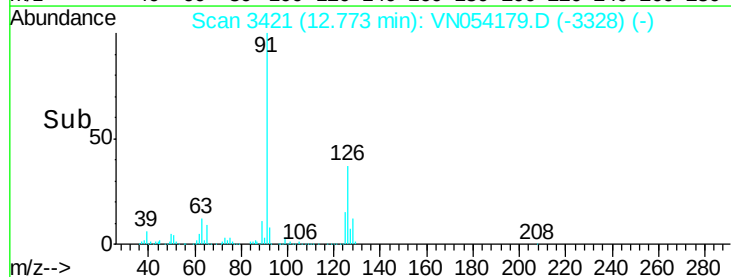
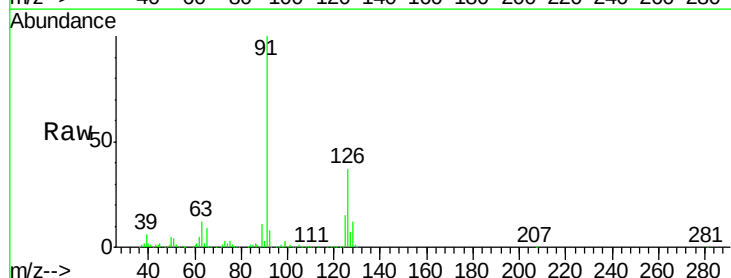
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBS02

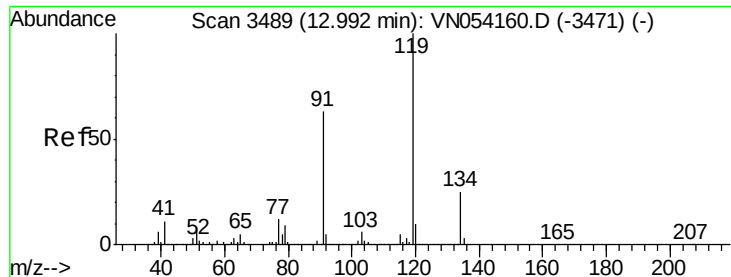
Tot Ion: 75 Resp: 68142
Ion Ratio Lower Upper
75 100
53 103.4 76.2 114.2
89 45.0 39.2 58.8



#82
4-Chlorotoluene
Concen: 19.802 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN054179.D
Acq: 12 Mar 2019 23:05

Tgt Ion: 91 Resp: 959283
Ion Ratio Lower Upper
91 100
126 36.7 18.1 54.1

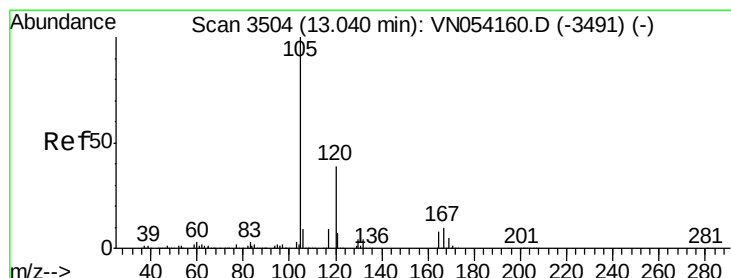
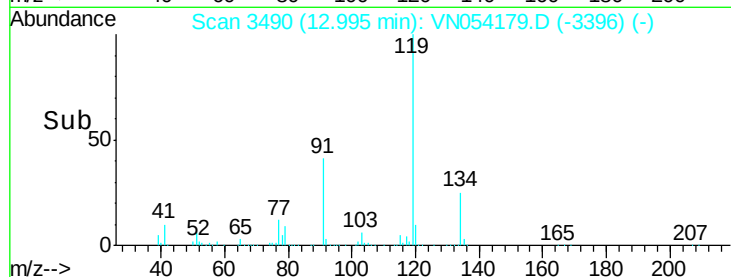
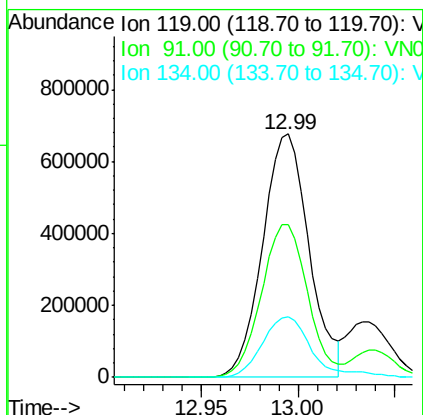
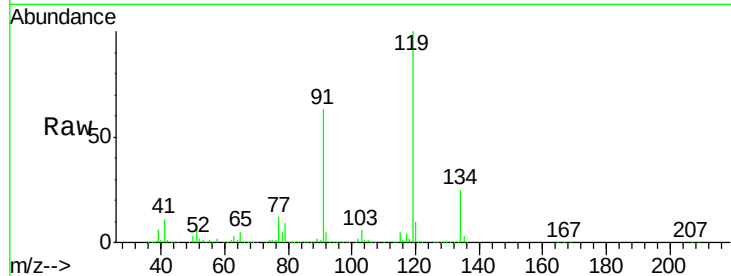




#83
 tert-Butylbenzene
 Concen: 19.872 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN054179.D
 Acq: 12 Mar 2019 23:05

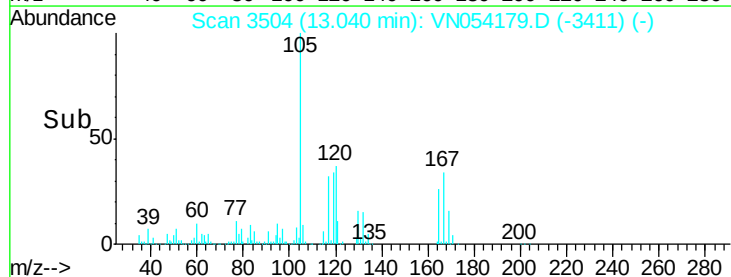
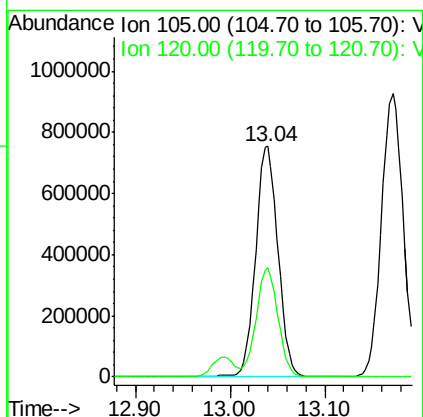
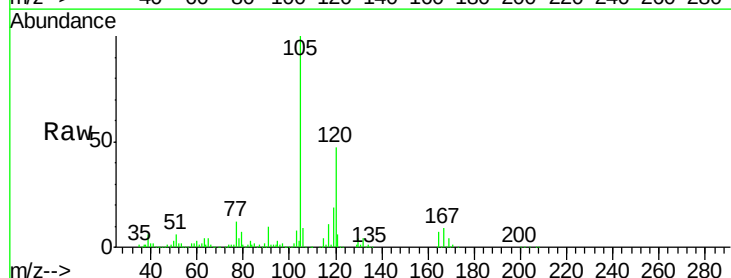
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBS02

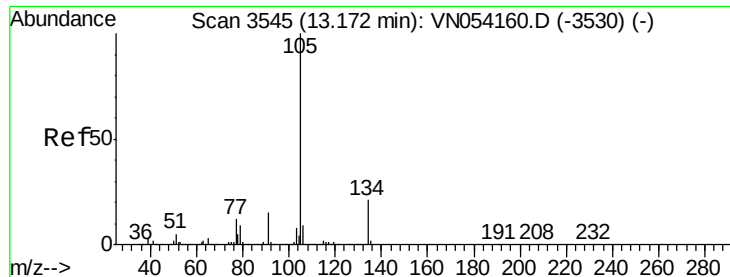
Tot Ion:119 Resp: 1131407
 Ion Ratio Lower Upper
 119 100
 91 62.2 30.9 92.8
 134 26.7 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.327 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054179.D
 Acq: 12 Mar 2019 23:05

Tgt Ion:105 Resp: 1233499
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.4 70.3





#85

sec-Butylbenzene

Concen: 19.955 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

Instrument :

MSVOA_N

ClientSampled :

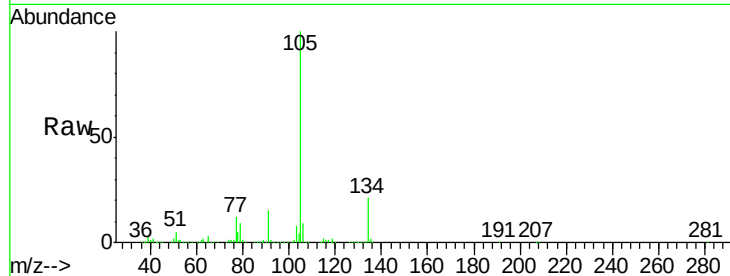
VN0312WBS02

Tot Ion:105 Resp: 1473357

Ion Ratio Lower Upper

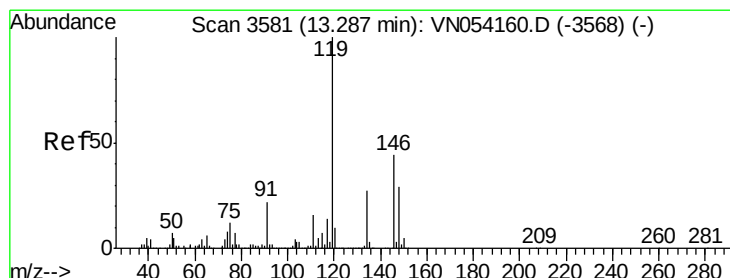
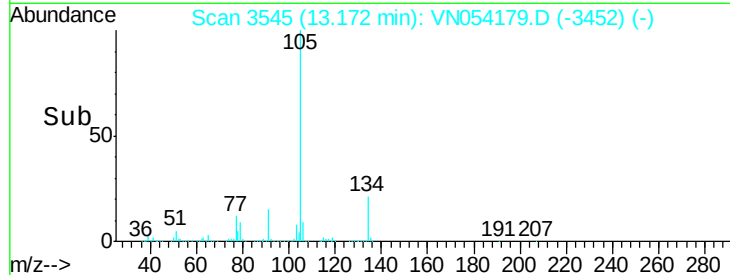
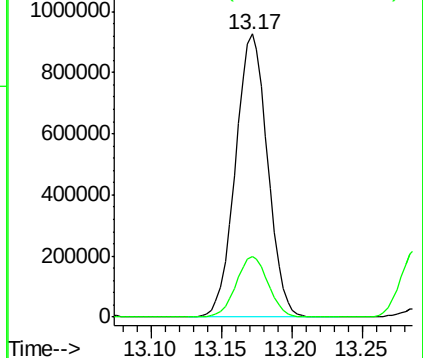
105 100

134 21.5 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.031 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

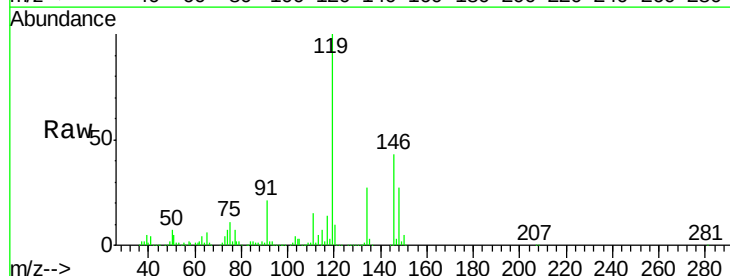
Tgt Ion:119 Resp: 1297504

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

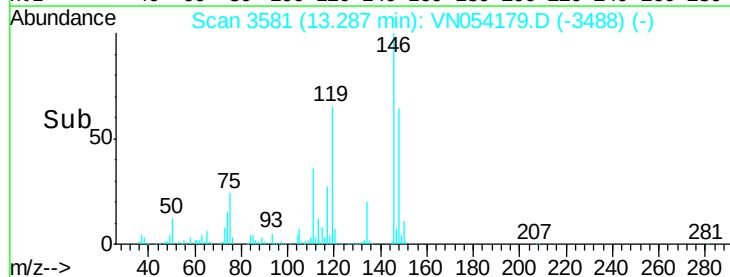
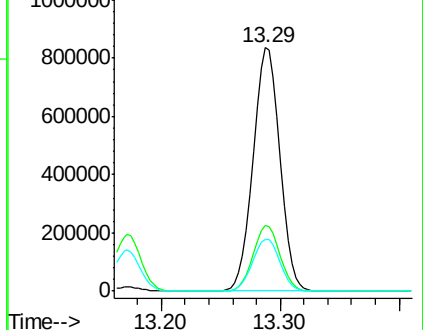
91 22.0 11.1 33.3

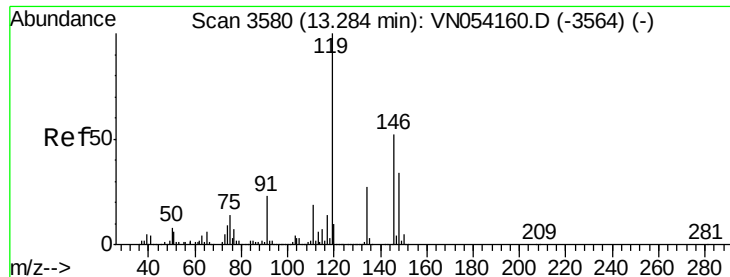


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.259 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

Instrument :

MSVOA_N

ClientSampled :

VN0312WBS02

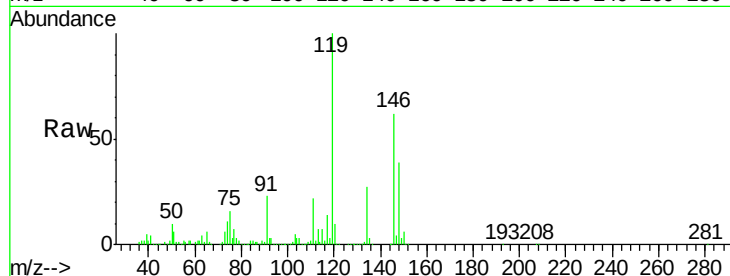
Tot Ion:146 Resp: 671743

Ion Ratio Lower Upper

146 100

111 36.9 18.8 56.3

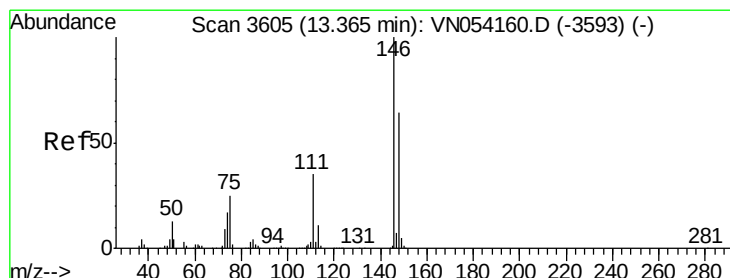
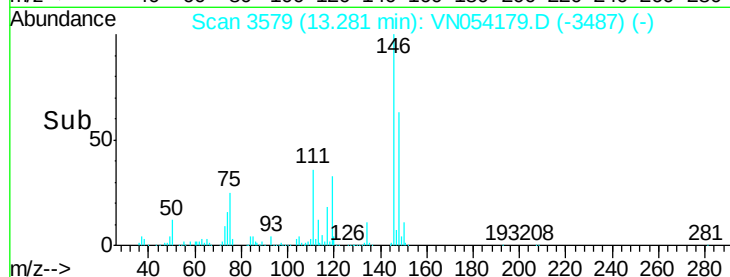
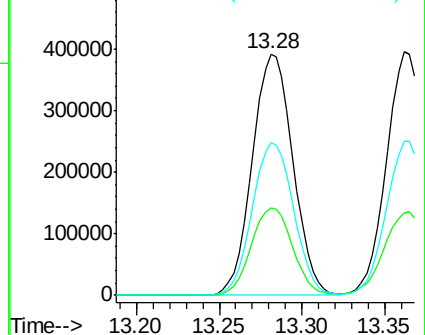
148 64.4 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.259 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

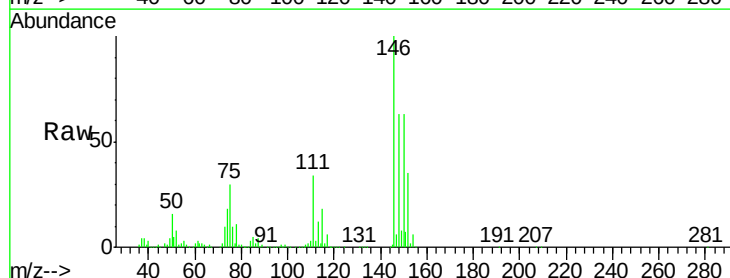
Tgt Ion:146 Resp: 659901

Ion Ratio Lower Upper

146 100

111 36.4 18.1 54.1

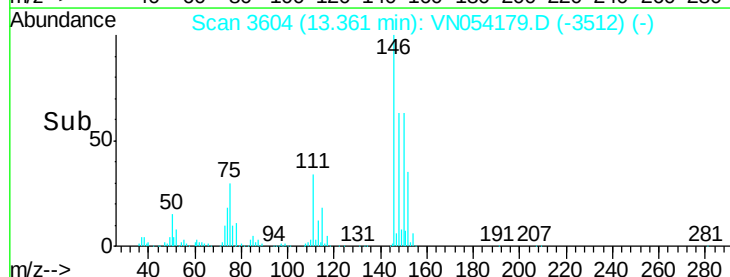
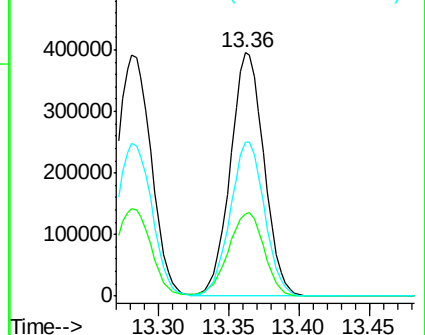
148 64.4 32.0 96.0

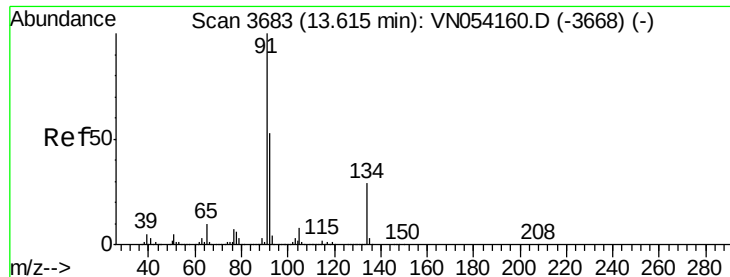


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.176 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

Instrument :

MSVOA_N

ClientSampleId :

VN0312WBS02

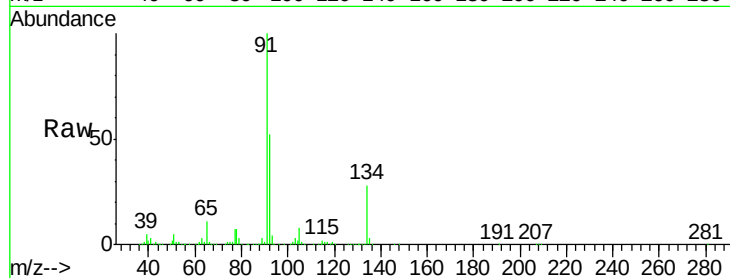
Tot Ion: 91 Resp: 993001

Ion Ratio Lower Upper

91 100

92 52.4 26.2 78.6

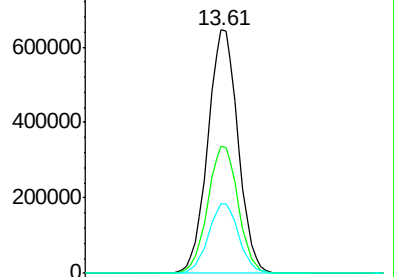
134 28.6 14.3 42.9



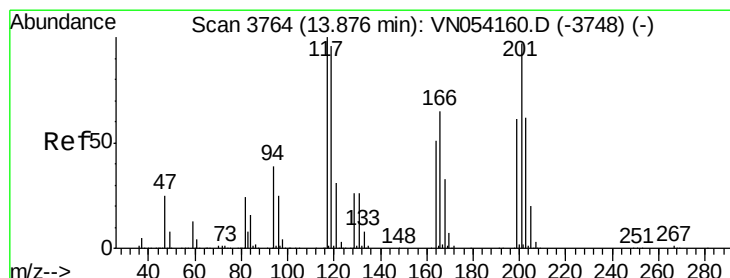
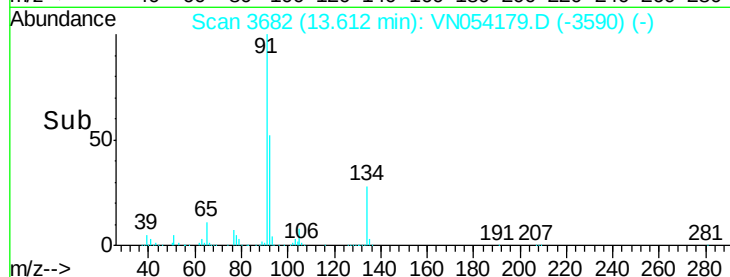
Abundance Ion 91.00 (90.70 to 91.70): VN054160.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN054160.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN054160.D (-3668) (-)



Time-->



#90

Hexachloroethane

Concen: 18.455 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN054179.D

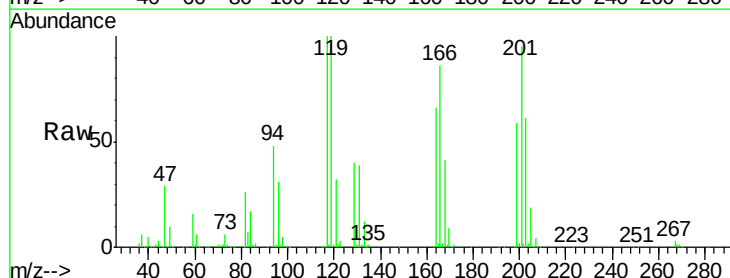
Acq: 12 Mar 2019 23:05

Tgt Ion: 117 Resp: 197946

Ion Ratio Lower Upper

117 100

201 95.9 48.1 144.4



Abundance Ion 116.80 (116.50 to 117.50): VN054160.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN054160.D (-3748) (-)

Ion 201.40 (201.10 to 201.70): VN054160.D (-3748) (-)

Ion 202.70 (202.40 to 203.00): VN054160.D (-3748) (-)

Ion 203.00 (202.70 to 203.30): VN054160.D (-3748) (-)

Ion 204.30 (204.00 to 204.60): VN054160.D (-3748) (-)

Ion 205.60 (205.30 to 205.90): VN054160.D (-3748) (-)

Ion 206.90 (206.60 to 207.20): VN054160.D (-3748) (-)

Ion 208.20 (207.90 to 208.50): VN054160.D (-3748) (-)

Ion 209.50 (209.20 to 209.80): VN054160.D (-3748) (-)

Ion 210.80 (210.50 to 211.10): VN054160.D (-3748) (-)

Ion 212.10 (211.80 to 212.40): VN054160.D (-3748) (-)

Ion 213.40 (213.10 to 213.70): VN054160.D (-3748) (-)

Ion 214.70 (214.40 to 215.00): VN054160.D (-3748) (-)

Ion 216.00 (215.70 to 216.30): VN054160.D (-3748) (-)

Ion 217.30 (217.00 to 217.60): VN054160.D (-3748) (-)

Ion 218.60 (218.30 to 218.90): VN054160.D (-3748) (-)

Ion 219.90 (219.60 to 220.20): VN054160.D (-3748) (-)

Ion 221.20 (220.90 to 221.50): VN054160.D (-3748) (-)

Ion 222.50 (222.20 to 222.80): VN054160.D (-3748) (-)

Ion 223.80 (223.50 to 224.10): VN054160.D (-3748) (-)

Ion 225.10 (224.80 to 225.40): VN054160.D (-3748) (-)

Ion 226.40 (226.10 to 226.70): VN054160.D (-3748) (-)

Ion 227.70 (227.40 to 228.00): VN054160.D (-3748) (-)

Ion 229.00 (228.70 to 229.30): VN054160.D (-3748) (-)

Ion 230.30 (230.00 to 230.60): VN054160.D (-3748) (-)

Ion 231.60 (231.30 to 231.90): VN054160.D (-3748) (-)

Ion 232.90 (232.60 to 233.20): VN054160.D (-3748) (-)

Ion 234.20 (233.90 to 234.50): VN054160.D (-3748) (-)

Ion 235.50 (235.20 to 235.80): VN054160.D (-3748) (-)

Ion 236.80 (236.50 to 237.10): VN054160.D (-3748) (-)

Ion 238.10 (237.80 to 238.40): VN054160.D (-3748) (-)

Ion 239.40 (239.10 to 239.70): VN054160.D (-3748) (-)

Ion 240.70 (240.40 to 241.00): VN054160.D (-3748) (-)

Ion 242.00 (241.70 to 242.30): VN054160.D (-3748) (-)

Ion 243.30 (243.00 to 243.60): VN054160.D (-3748) (-)

Ion 244.60 (244.30 to 244.90): VN054160.D (-3748) (-)

Ion 245.90 (245.60 to 246.20): VN054160.D (-3748) (-)

Ion 247.20 (246.90 to 247.50): VN054160.D (-3748) (-)

Ion 248.50 (248.20 to 248.80): VN054160.D (-3748) (-)

Ion 249.80 (249.50 to 250.10): VN054160.D (-3748) (-)

Ion 251.10 (250.80 to 251.40): VN054160.D (-3748) (-)

Ion 252.40 (252.10 to 252.70): VN054160.D (-3748) (-)

Ion 253.70 (253.40 to 254.00): VN054160.D (-3748) (-)

Ion 255.00 (254.70 to 255.30): VN054160.D (-3748) (-)

Ion 256.30 (256.00 to 256.60): VN054160.D (-3748) (-)

Ion 257.60 (257.30 to 257.90): VN054160.D (-3748) (-)

Ion 258.90 (258.60 to 259.20): VN054160.D (-3748) (-)

Ion 260.20 (259.90 to 260.50): VN054160.D (-3748) (-)

Ion 261.50 (261.20 to 261.80): VN054160.D (-3748) (-)

Ion 262.80 (262.50 to 263.10): VN054160.D (-3748) (-)

Ion 264.10 (263.80 to 264.40): VN054160.D (-3748) (-)

Ion 265.40 (265.10 to 265.70): VN054160.D (-3748) (-)

Ion 266.70 (266.40 to 266.70): VN054160.D (-3748) (-)

Ion 268.00 (267.70 to 268.30): VN054160.D (-3748) (-)

Ion 269.30 (269.00 to 269.60): VN054160.D (-3748) (-)

Ion 270.60 (270.30 to 270.90): VN054160.D (-3748) (-)

Ion 271.90 (271.60 to 272.20): VN054160.D (-3748) (-)

Ion 273.20 (272.90 to 273.50): VN054160.D (-3748) (-)

Ion 274.50 (274.20 to 274.80): VN054160.D (-3748) (-)

Ion 275.80 (275.50 to 276.10): VN054160.D (-3748) (-)

Ion 277.10 (276.80 to 277.40): VN054160.D (-3748) (-)

Ion 278.40 (278.10 to 278.70): VN054160.D (-3748) (-)

Ion 279.70 (279.40 to 280.00): VN054160.D (-3748) (-)

Ion 281.00 (280.70 to 281.30): VN054160.D (-3748) (-)

Ion 282.30 (282.00 to 282.60): VN054160.D (-3748) (-)

Ion 283.60 (283.30 to 283.90): VN054160.D (-3748) (-)

Ion 284.90 (284.60 to 285.20): VN054160.D (-3748) (-)

Ion 286.20 (285.90 to 286.50): VN054160.D (-3748) (-)

Ion 287.50 (287.20 to 287.80): VN054160.D (-3748) (-)

Ion 288.80 (288.50 to 289.10): VN054160.D (-3748) (-)

Ion 290.10 (289.80 to 290.40): VN054160.D (-3748) (-)

Ion 291.40 (291.10 to 291.70): VN054160.D (-3748) (-)

Ion 292.70 (292.40 to 292.70): VN054160.D (-3748) (-)

Ion 294.00 (293.70 to 294.30): VN054160.D (-3748) (-)

Ion 295.30 (295.00 to 295.60): VN054160.D (-3748) (-)

Ion 296.60 (296.30 to 296.90): VN054160.D (-3748) (-)

Ion 297.90 (297.60 to 298.20): VN054160.D (-3748) (-)

Ion 299.20 (298.90 to 299.50): VN054160.D (-3748) (-)

Ion 300.50 (300.20 to 300.80): VN054160.D (-3748) (-)

Ion 301.80 (301.50 to 302.10): VN054160.D (-3748) (-)

Ion 303.10 (302.80 to 303.40): VN054160.D (-3748) (-)

Ion 304.40 (304.10 to 304.70): VN054160.D (-3748) (-)

Ion 305.70 (305.40 to 306.10): VN054160.D (-3748) (-)

Ion 307.00 (306.70 to 307.30): VN054160.D (-3748) (-)

Ion 308.30 (308.00 to 308.60): VN054160.D (-3748) (-)

Ion 309.60 (309.30 to 309.90): VN054160.D (-3748) (-)

Ion 310.90 (310.60 to 311.20): VN054160.D (-3748) (-)

Ion 312.20 (311.90 to 312.50): VN054160.D (-3748) (-)

Ion 313.50 (313.20 to 313.80): VN054160.D (-3748) (-)

Ion 314.80 (314.50 to 315.10): VN054160.D (-3748) (-)

Ion 316.10 (315.80 to 316.40): VN054160.D (-3748) (-)

Ion 317.40 (317.10 to 317.70): VN054160.D (-3748) (-)

Ion 318.70 (318.40 to 319.00): VN054160.D (-3748) (-)

Ion 320.00 (319.70 to 320.30): VN054160.D (-3748) (-)

Ion 321.30 (321.00 to 321.60): VN054160.D (-3748) (-)

Ion 322.60 (322.30 to 322.90): VN054160.D (-3748) (-)

Ion 323.90 (323.60 to 324.20): VN054160.D (-3748) (-)

Ion 325.20 (324.90 to 325.50): VN054160.D (-3748) (-)

Ion 326.50 (326.20 to 326.80): VN054160.D (-3748) (-)

Ion 327.80 (327.50 to 328.10): VN054160.D (-3748) (-)

Ion 329.10 (328.80 to 329.40): VN054160.D (-3748) (-)

Ion 330.40 (330.10 to 330.70): VN054160.D (-3748) (-)

Ion 331.70 (331.40 to 332.00): VN054160.D (-3748) (-)

Ion 333.00 (332.70 to 333.30): VN054160.D (-3748) (-)

Ion 334.30 (334.00 to 334.60): VN054160.D (-3748) (-)

Ion 335.60 (335.30 to 335.90): VN054160.D (-3748) (-)

Ion 336.90 (336.60 to 337.20): VN054160.D (-3748) (-)

Ion 338.20 (337.90 to 338.50): VN054160.D (-3748) (-)

Ion 339.50 (339.20 to 339.80): VN054160.D (-3748) (-)

Ion 340.80 (340.50 to 341.10): VN054160.D (-3748) (-)

Ion 342.10 (341.80 to 342.40): VN054160.D (-3748) (-)

Ion 343.40 (343.10 to 343.70): VN054160.D (-3748) (-)

Ion 344.70 (344.40 to 345.00): VN054160.D (-3748) (-)

Ion 346.00 (345.70 to 346.30): VN054160.D (-3748) (-)

Ion 347.30 (347.00 to 347.60): VN054160.D (-3748) (-)

Ion 348.60 (348.30 to 348.90): VN054160.D (-3748) (-)

Ion 349.90 (349.60 to 350.20): VN054160.D (-3748) (-)

Ion 351.20 (350.90 to 351.50): VN054160.D (-3748) (-)

Ion 352.50 (352.20 to 352.80): VN054160.D (-3748) (-)

Ion 353.80 (353.50 to 354.10): VN054160.D (-3748) (-)

Ion 355.10 (354.80 to 355.40): VN054160.D (-3748) (-)

Ion 356.40 (356.10 to 356.70): VN054160.D (-3748) (-)

Ion 357.70 (357.40 to 358.00): VN054160.D (-3748) (-)

Ion 359.00 (358.70 to 359.30): VN054160.D (-3748) (-)

Ion 360.30 (360.00 to 360.60): VN054160.D (-3748) (-)

Ion 361.60 (361.30 to 361.90): VN054160.D (-3748) (-)

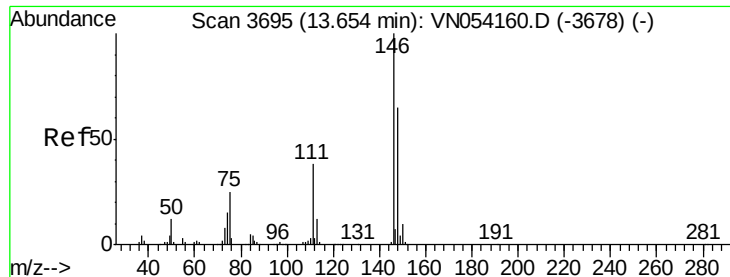
Ion 362.90 (362.60 to 363.20): VN054160.D (-3748) (-)

Ion 364.20 (363.90 to 364.50): VN054160.D (-3748) (-)

Ion 365.50 (365.20 to 365.80): VN054160.D (-3748) (-)

Ion 366.80 (366.50 to 367.10): VN054160.D (-3748) (-)

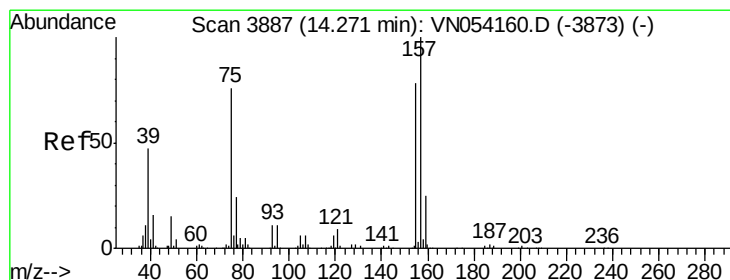
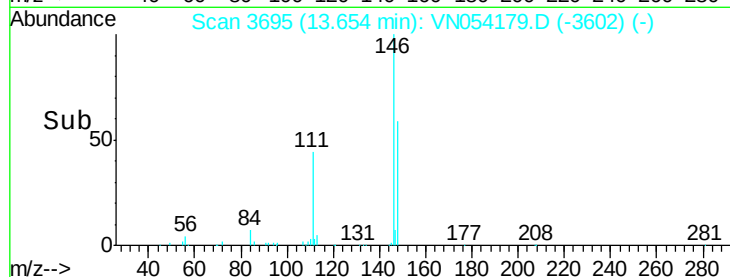
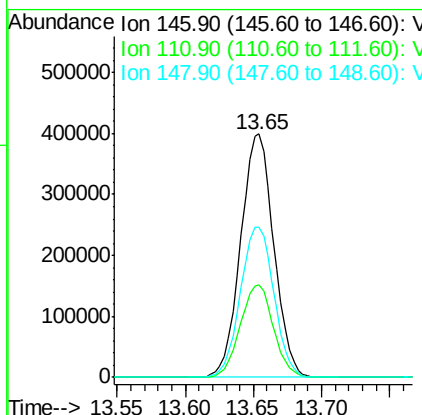
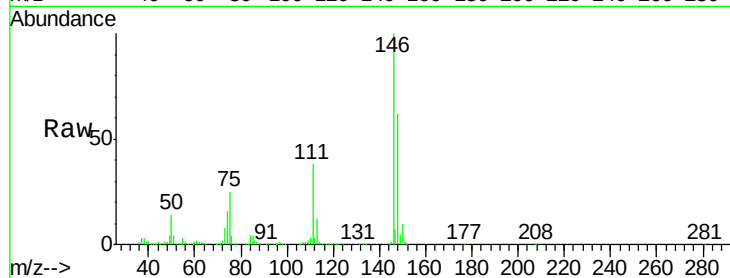
Ion 368.10 (367.80 to 368.40): VN054160.D (-3748) (-)



#91
 1,2-Dichlorobenzene
 Concen: 20.767 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN054179.D
 Acq: 12 Mar 2019 23:05

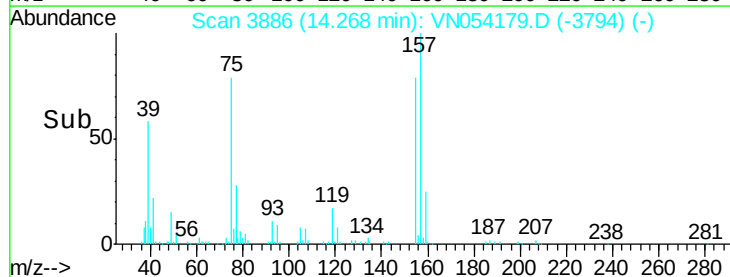
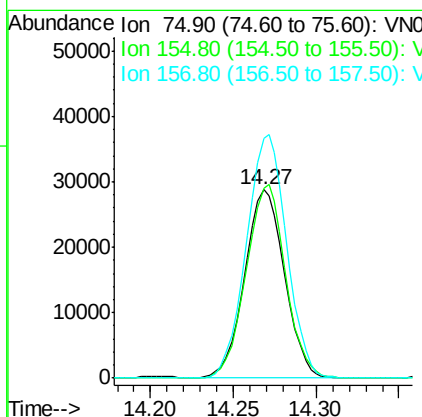
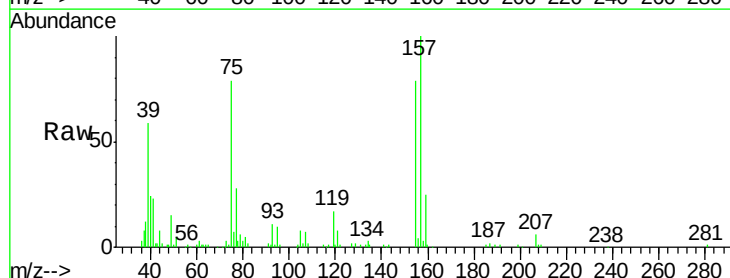
Instrument :
 MSVOA_N
 ClientSampled :
 VN0312WBS02

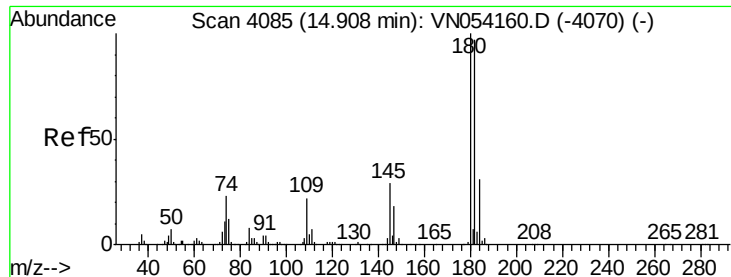
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.3
148	62.7	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.727 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN054179.D
 Acq: 12 Mar 2019 23:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.4	50.1	150.3
157	130.2	63.1	189.3





#93

1,2,4-Trichlorobenzene

Concen: 19.698 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

Instrument :

MSVOA_N

ClientSampleId :

VN0312WBS02

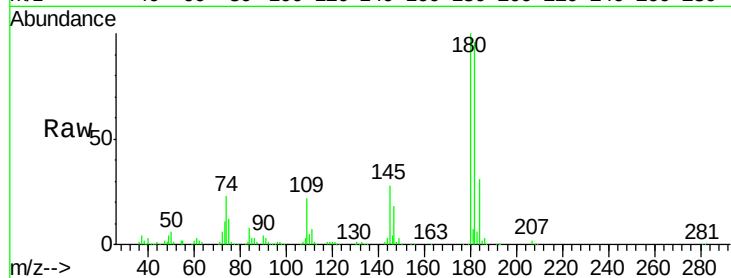
Tot Ion:180 Resp: 354049

Ion Ratio Lower Upper

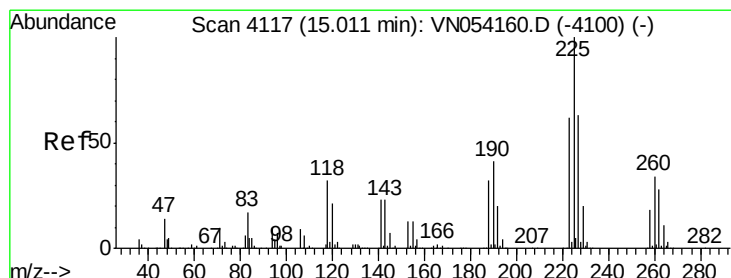
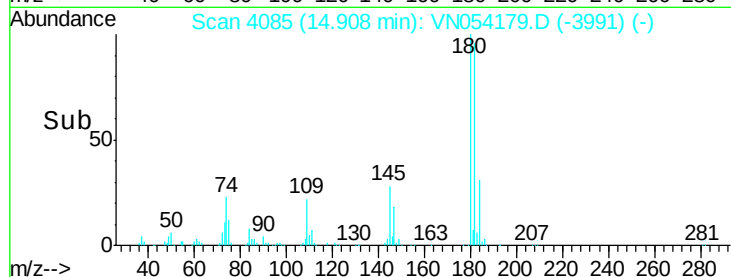
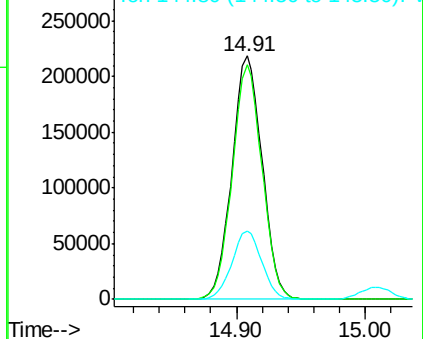
180 100

182 95.2 48.0 144.2

145 27.9 14.2 42.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 20.350 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. -0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

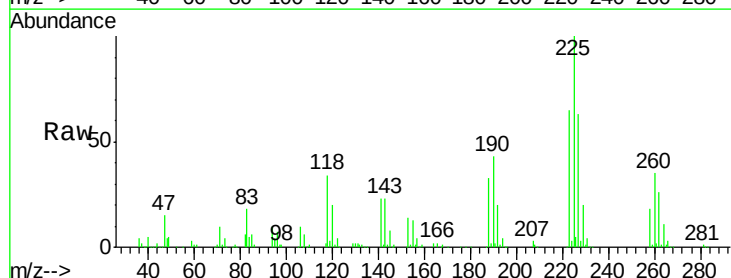
Tgt Ion:225 Resp: 251251

Ion Ratio Lower Upper

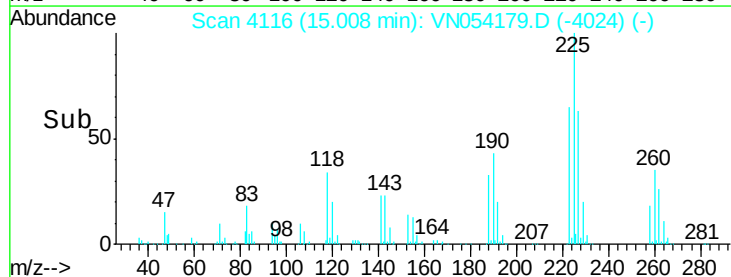
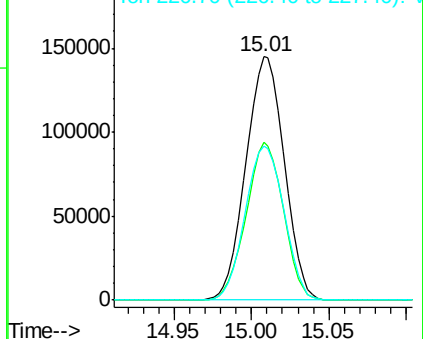
225 100

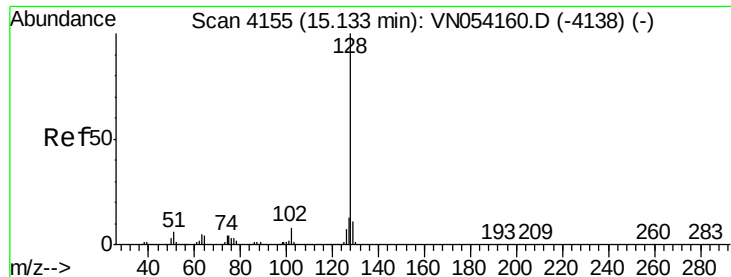
223 62.6 31.1 93.5

227 63.9 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.653 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

Instrument :

MSVOA_N

ClientSampled :

VN0312WBS02

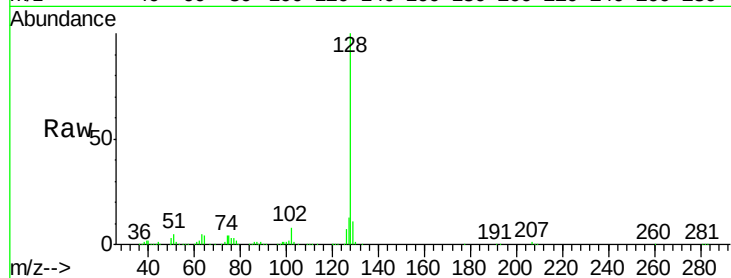
Tot Ion:128 Resp: 708956

Ion Ratio Lower Upper

128 100

127 12.5 10.1 15.1

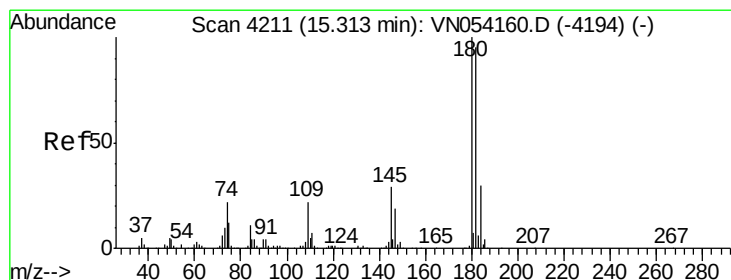
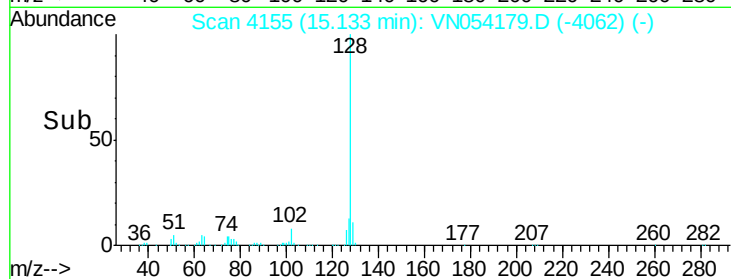
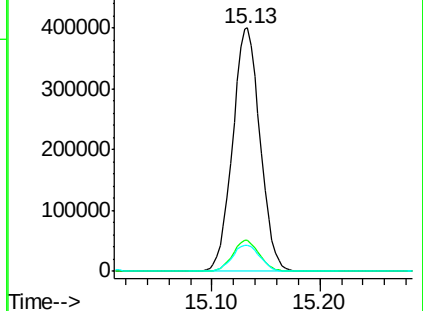
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.813 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN054179.D

Acq: 12 Mar 2019 23:05

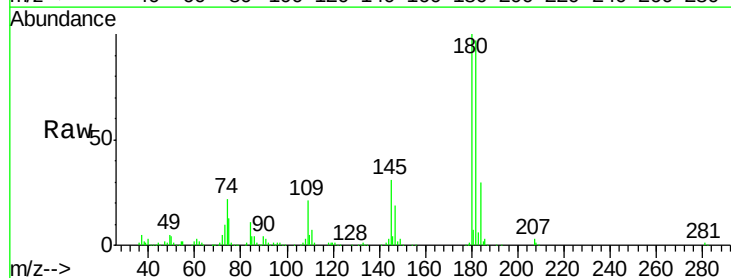
Tgt Ion:180 Resp: 358458

Ion Ratio Lower Upper

180 100

182 96.7 47.5 142.6

145 30.0 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

