

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010819\
 Data File : VN053312.D
 Acq On : 8 Jan 2019 12:24
 Operator : MD\SY
 Sample : VN0108WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0108WBS01

Quant Time: Jan 09 00:09:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	976650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1492325	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1354771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	639746	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	484104	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
35) Dibromofluoromethane	7.59	113	408108	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
50) Toluene-d8	10.09	98	1791895	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
62) 4-Bromofluorobenzene	12.40	95	633416	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	160396	18.629	ug/l	98
3) Chloromethane	2.06	50	214708	17.857	ug/l	99
4) Vinyl Chloride	2.19	62	215270	18.758	ug/l	99
5) Bromomethane	2.56	94	137750	18.369	ug/l	96
6) Chloroethane	2.71	64	124643	17.994	ug/l	100
7) Trichlorofluoromethane	3.02	101	283213	19.052	ug/l	100
8) Diethyl Ether	3.41	74	114246	19.608	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	179470	19.050	ug/l	99
10) Methyl Iodide	3.96	142	267737	20.274	ug/l	99
11) Tert butyl alcohol	4.78	59	52878	86.522	ug/l	98
12) 1,1-Dichloroethene	3.74	96	176651	19.385	ug/l	98
13) Acrolein	3.61	56	76352	99.363	ug/l	99
14) Allyl chloride	4.33	41	284847	19.394	ug/l	96
15) Acrylonitrile	4.99	53	353195	96.811	ug/l	99
16) Acetone	3.82	43	228233	91.918	ug/l	100
17) Carbon Disulfide	4.06	76	492486	17.529	ug/l	100
18) Methyl Acetate	4.33	43	164573	17.896	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	506967	19.822	ug/l	98
20) Methylene Chloride	4.55	84	202055	18.515	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	189331	19.350	ug/l	98
22) Diisopropyl ether	5.95	45	617086	19.503	ug/l	98
23) Vinyl Acetate	5.90	43	1932229	97.053	ug/l	100
24) 1,1-Dichloroethane	5.85	63	357970	19.616	ug/l	98
25) 2-Butanone	6.84	43	385780	92.545	ug/l	100
26) 2,2-Dichloropropane	6.83	77	250214	18.757	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	219744	19.666	ug/l	100
28) Bromochloromethane	7.20	49	160556	20.646	ug/l	98
29) Tetrahydrofuran	7.21	42	263128	95.652	ug/l	99
30) Chloroform	7.37	83	344396	19.174	ug/l	98
31) Cyclohexane	7.66	56	341118	19.552	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	288157	19.252	ug/l	100
36) 1,1-Dichloropropene	7.80	75	270727	19.432	ug/l	99
37) Ethyl Acetate	6.93	43	173883	19.161	ug/l	99
38) Carbon Tetrachloride	7.78	117	242624	18.868	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010819\
 Data File : VN053312.D
 Acq On : 8 Jan 2019 12:24
 Operator : MD\SY
 Sample : VN0108WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0108WBS01

Quant Time: Jan 09 00:09:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	299439	18.552	ug/l	99
40) Benzene	8.04	78	832388	19.560	ug/l	98
41) Methacrylonitrile	7.21	41	247830	43.989	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	244224	19.347	ug/l	100
43) Isopropyl Acetate	8.16	43	320234	17.938	ug/l	99
44) Trichloroethene	8.84	130	226069	19.346	ug/l	99
45) 1,2-Dichloropropane	9.12	63	220356	19.742	ug/l	99
46) Dibromomethane	9.21	93	126200	19.392	ug/l	97
47) Bromodichloromethane	9.40	83	257060	18.954	ug/l	98
48) Methyl methacrylate	9.20	41	156926	19.349	ug/l	99
49) 1,4-Dioxane	9.20	88	28968	335.236	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	884783	98.556	ug/l	100
52) Toluene	10.16	92	515496	19.745	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	268027	19.319	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	311955	19.458	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	185905	19.365	ug/l	100
56) Ethyl methacrylate	10.43	69	252442	20.235	ug/l	99
57) 1,3-Dichloropropane	10.71	76	317280	19.763	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	669726	99.301	ug/l	99
59) 2-Hexanone	10.75	43	607271	98.727	ug/l	99
60) Dibromochloromethane	10.90	129	195974	18.927	ug/l	99
61) 1,2-Dibromoethane	11.01	107	185339	19.564	ug/l	98
64) Tetrachloroethene	10.63	164	247769	19.431	ug/l	98
65) Chlorobenzene	11.43	112	575182	19.544	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	193870	18.820	ug/l	99
67) Ethyl Benzene	11.51	91	997559	19.947	ug/l	100
68) m/p-Xylenes	11.62	106	759169	40.371	ug/l	99
69) o-Xylene	11.95	106	372678	20.243	ug/l	99
70) Styrene	11.96	104	604943	20.190	ug/l	99
71) Bromoform	12.13	173	135349	18.602	ug/l #	98
73) Isopropylbenzene	12.25	105	961831	20.193	ug/l	100
74) N-amyl acetate	12.07	43	301465	21.196	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	217274	19.830	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	286530	30.707	ug/l #	100
77) Bromobenzene	12.53	156	284688	22.394	ug/l	88
78) n-propylbenzene	12.59	91	1086867	20.173	ug/l	99
79) 2-Chlorotoluene	12.68	91	658444	20.197	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	777316	20.260	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	60499	19.076	ug/l	94
82) 4-Chlorotoluene	12.77	91	668249	19.990	ug/l	99
83) tert-Butylbenzene	12.99	119	664642	19.745	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	787164	20.139	ug/l	100
85) sec-Butylbenzene	13.17	105	879193	19.805	ug/l	100
86) p-Isopropyltoluene	13.29	119	770044	20.034	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	439257	19.621	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	436785	19.669	ug/l	99
89) n-Butylbenzene	13.62	91	645791	20.040	ug/l	100
90) Hexachloroethane	13.88	117	105444	17.116	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	409535	19.530	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25195	18.958	ug/l	97

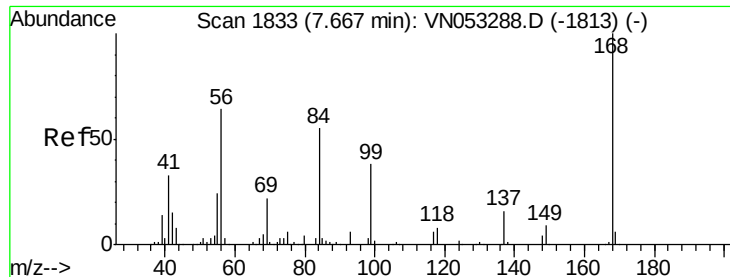
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010819\
Data File : VN053312.D
Acq On : 8 Jan 2019 12:24
Operator : MD\SY
Sample : VN0108WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN0108WBS01

Quant Time: Jan 09 00:09:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	136659	20.727	ug/l #	92
94) Hexachlorobutadiene	15.01	225	99620	18.472	ug/l	98
95) Naphthalene	15.13	128	266287	23.674	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	98419	22.799	ug/l #	72

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

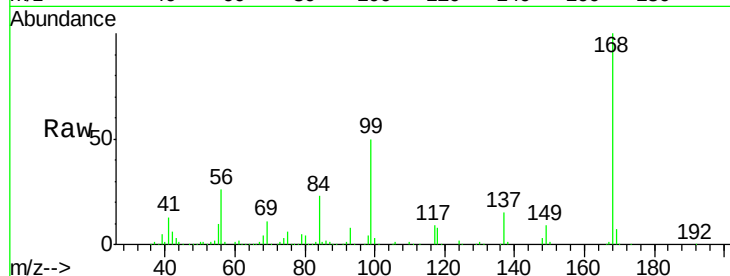
VN0108WBS01

Tot Ion:168 Resp: 976650

Ion Ratio Lower Upper

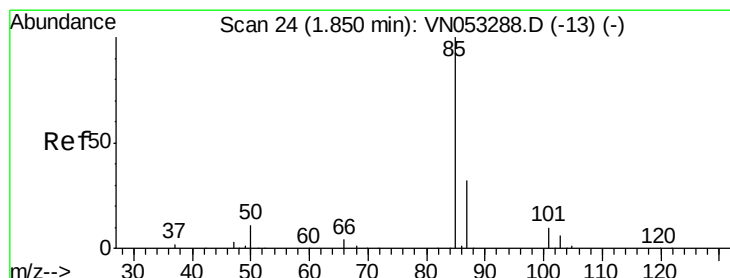
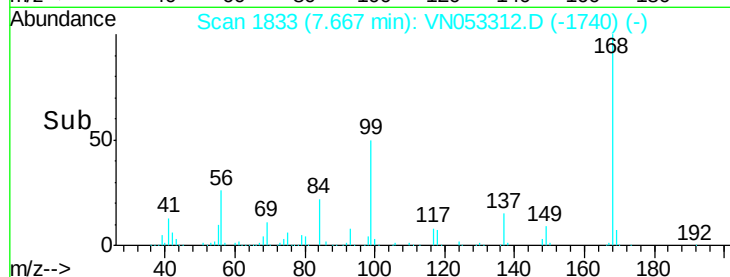
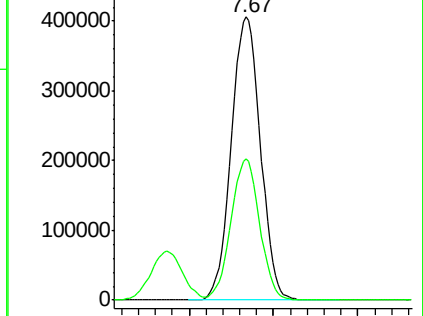
168 100

99 50.0 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 18.629 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053312.D

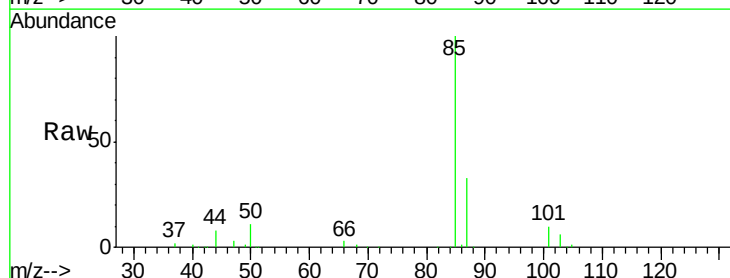
Acq: 8 Jan 2019 12:24

Tgt Ion: 85 Resp: 160396

Ion Ratio Lower Upper

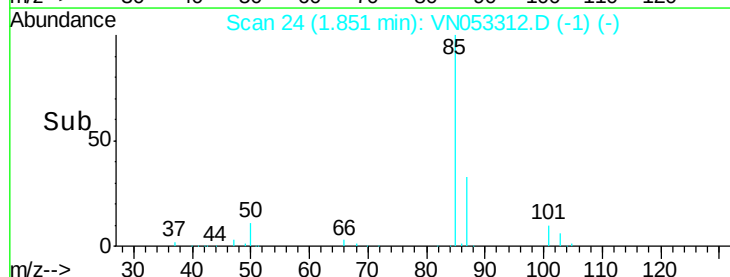
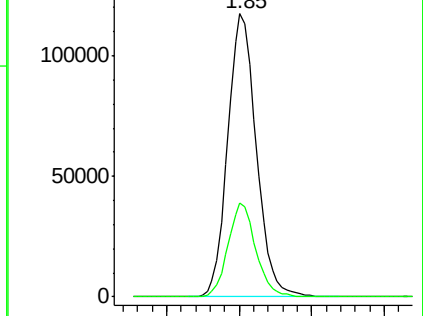
85 100

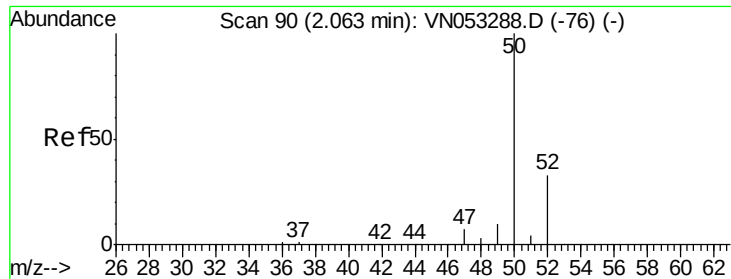
87 33.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

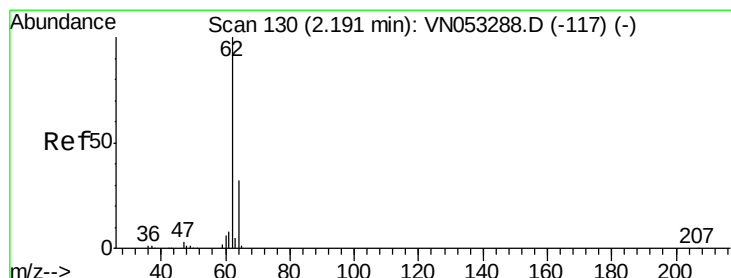
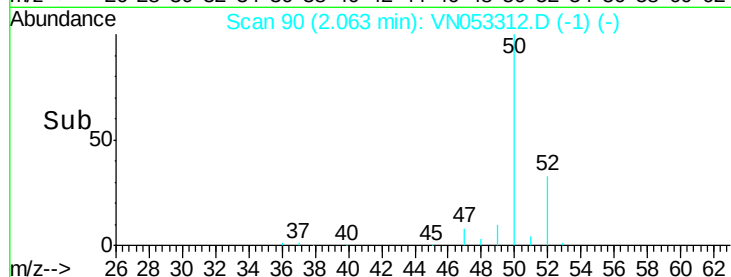
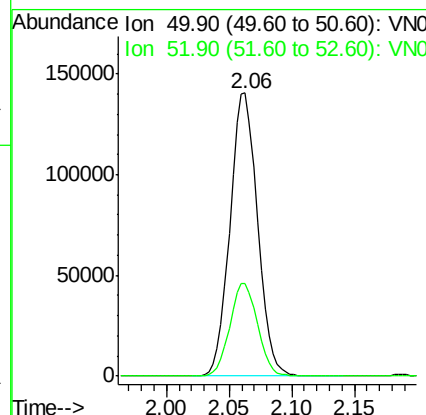
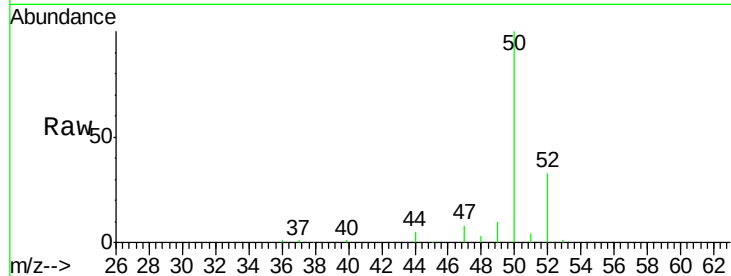




#3
 Chloromethane
 Concen: 17.857 ug/l
 RT: 2.06 min Scan# 90
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

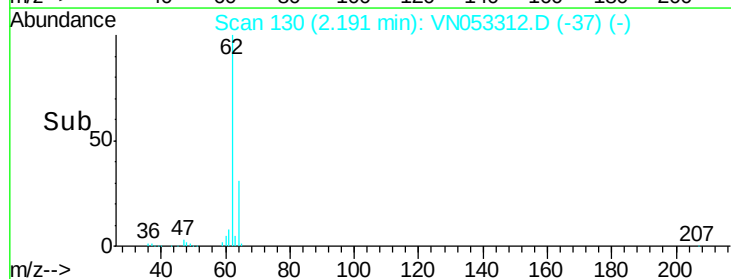
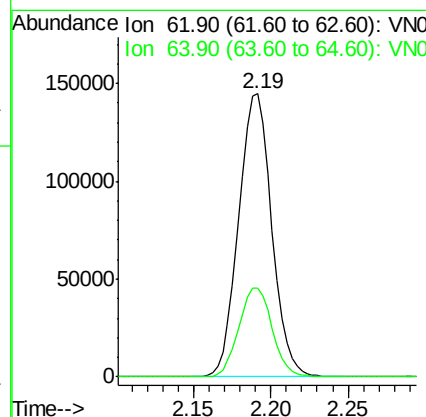
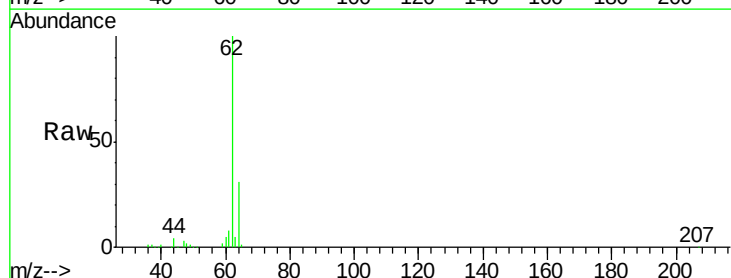
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0108WBS01

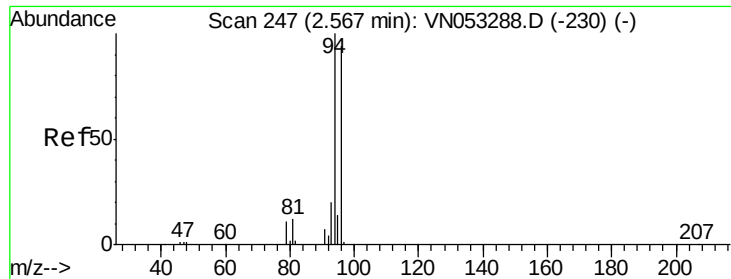
Tot Ion: 50 Resp: 214708
 Ion Ratio Lower Upper
 50 100
 52 32.8 26.6 40.0



#4
 Vinyl Chloride
 Concen: 18.758 ug/l
 RT: 2.19 min Scan# 130
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Tgt Ion: 62 Resp: 215270
 Ion Ratio Lower Upper
 62 100
 64 31.5 25.6 38.4





#5

Bromomethane

Concen: 18.369 ug/l

RT: 2.56 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

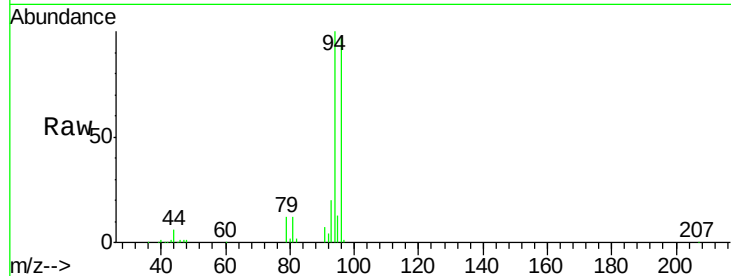
VN0108WBS01

Tot Ion: 94 Resp: 137750

Ion Ratio Lower Upper

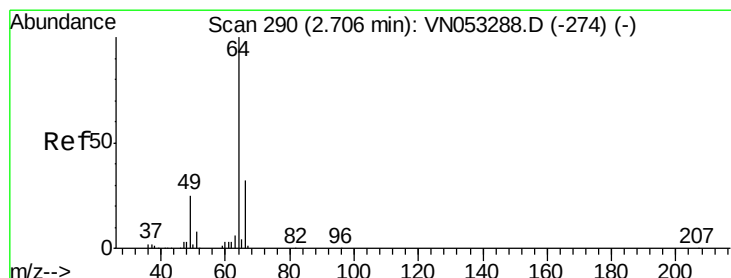
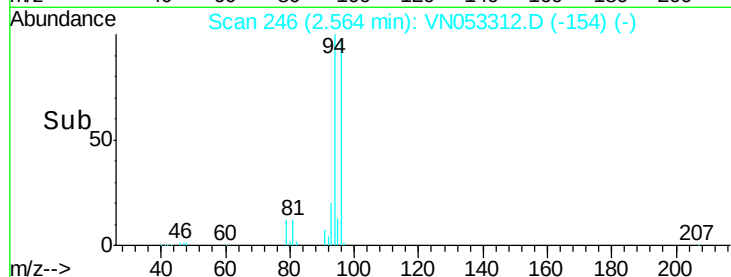
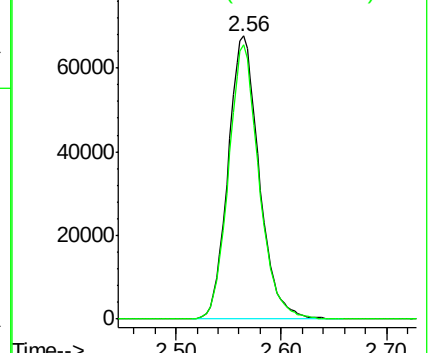
94 100

96 97.1 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.994 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN053312.D

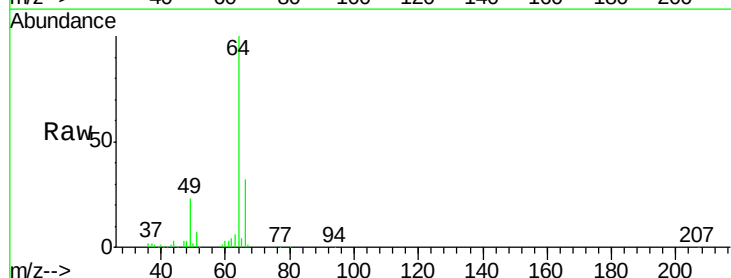
Acq: 8 Jan 2019 12:24

Tgt Ion: 64 Resp: 124643

Ion Ratio Lower Upper

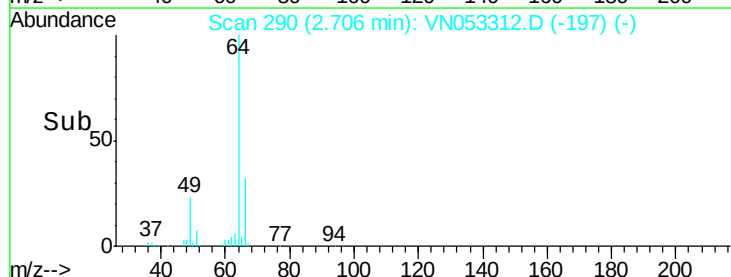
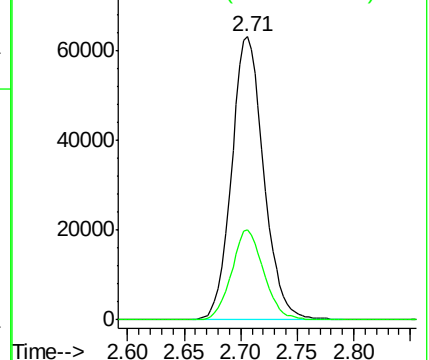
64 100

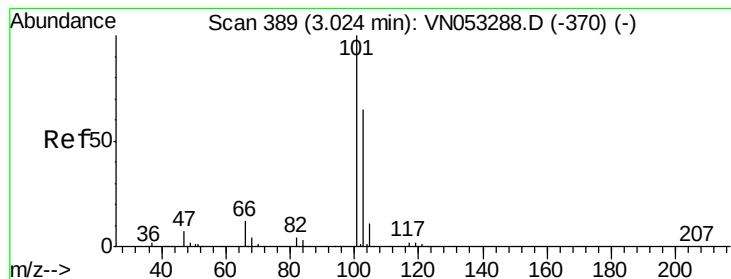
66 31.9 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



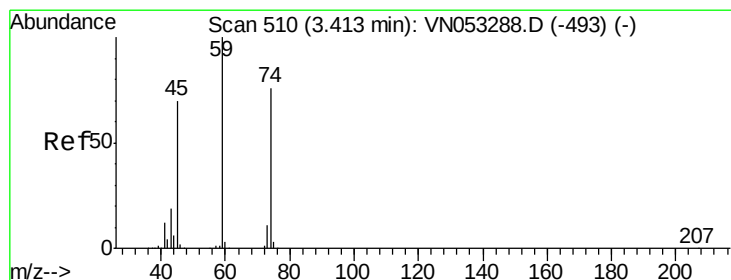
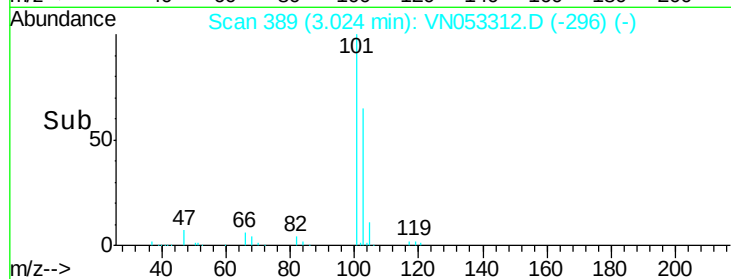
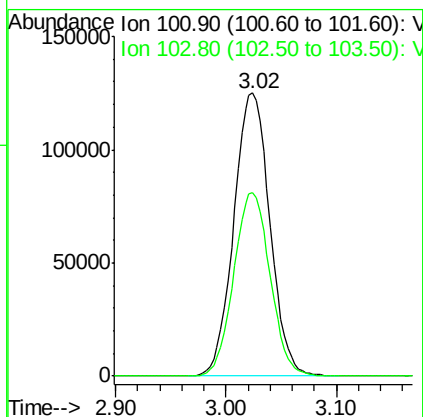
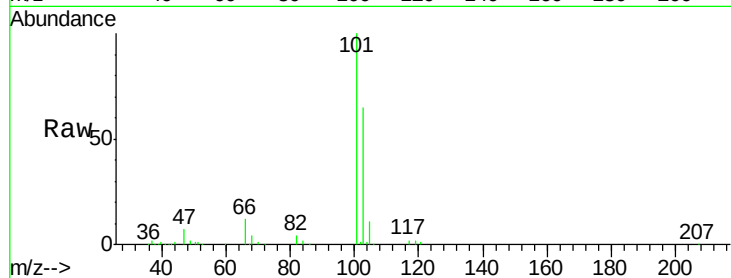


#7

Trichlorofluoromethane
 Concen: 19.052 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0108WBS01

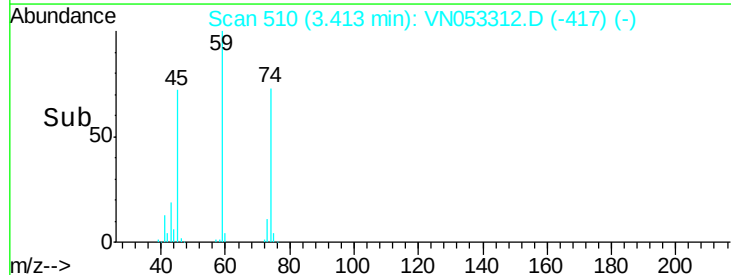
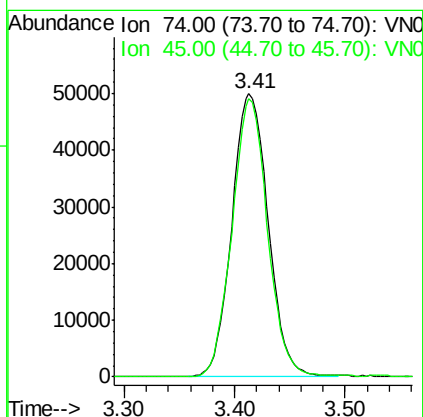
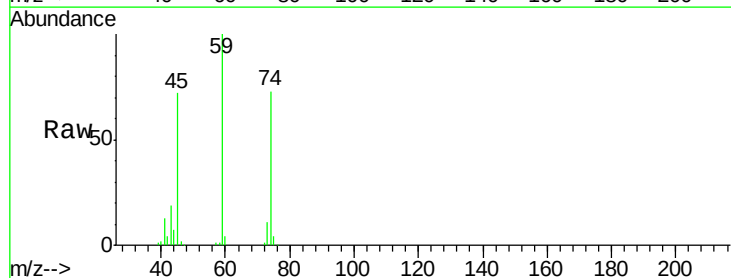
Tot Ion:101 Resp: 283213
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.1 78.1

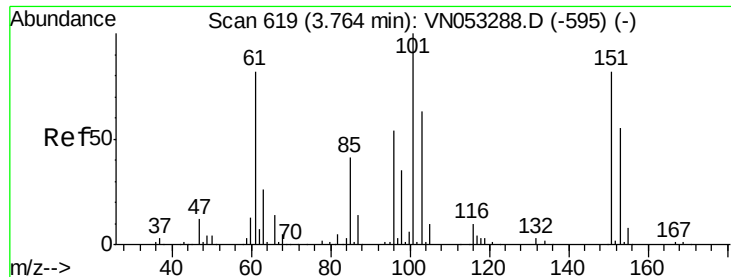


#8

Diethyl Ether
 Concen: 19.608 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Tgt Ion: 74 Resp: 114246
 Ion Ratio Lower Upper
 74 100
 45 95.8 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.050 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0108WBS01

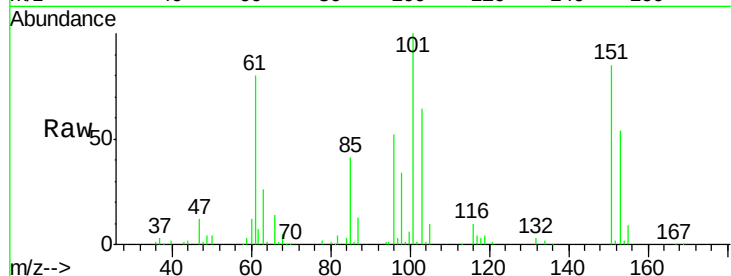
Tot Ion:101 Resp: 179470

Ion Ratio Lower Upper

101 100

85 41.5 33.3 49.9

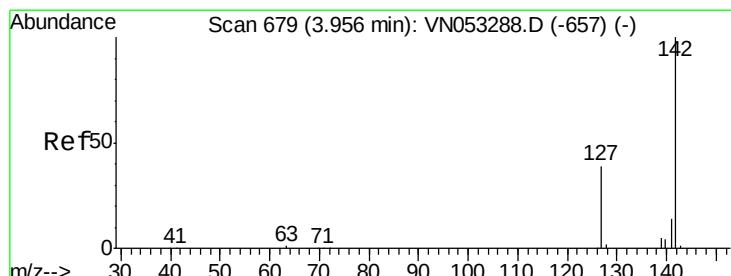
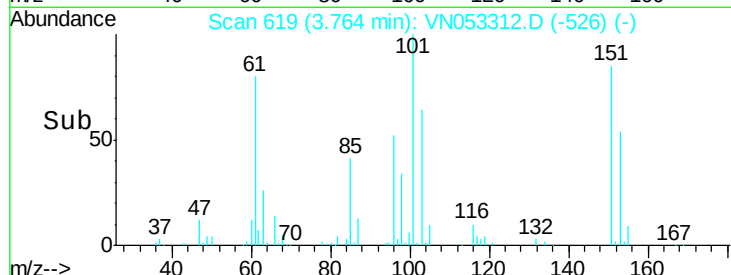
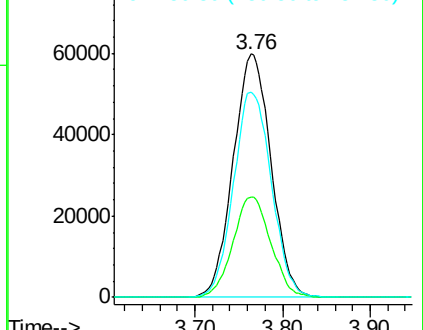
151 84.9 67.0 100.4



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: 20.274 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

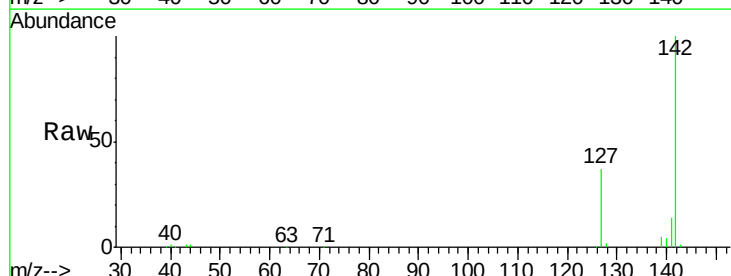
Tgt Ion:142 Resp: 267737

Ion Ratio Lower Upper

142 100

127 37.7 30.9 46.3

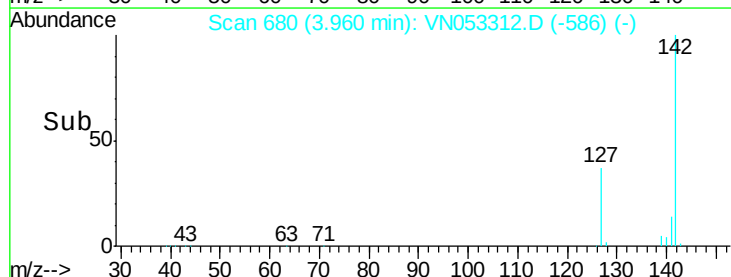
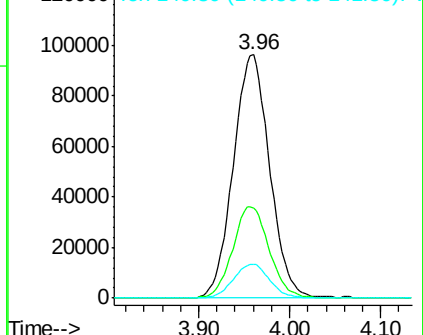
141 14.0 11.2 16.8

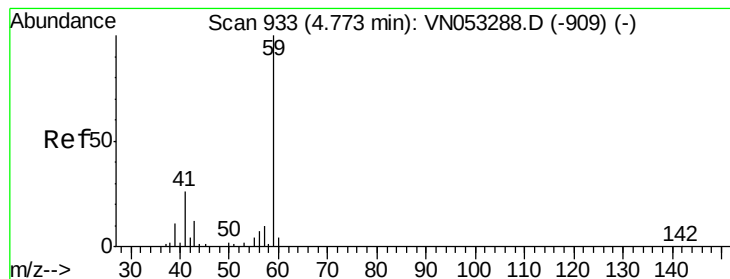


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



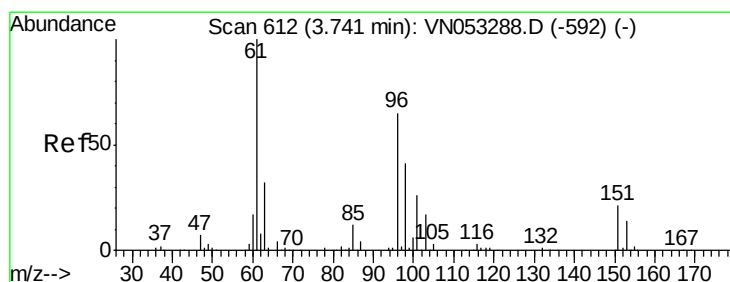
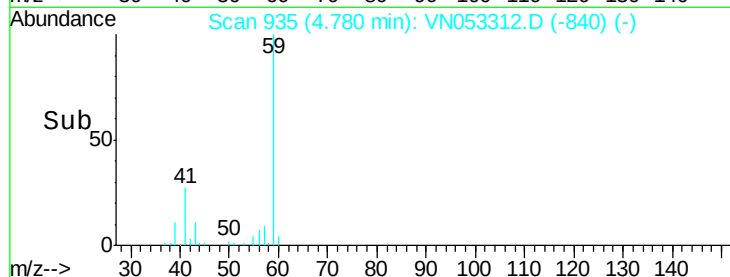
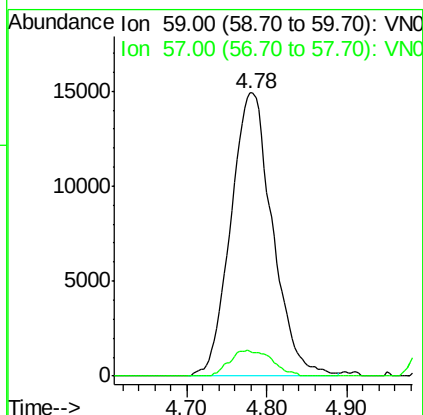
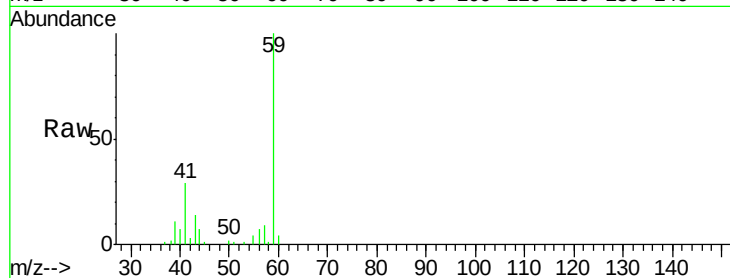


#11

Tert butyl alcohol
 Concen: 86.522 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. 0.01 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0108WBS01

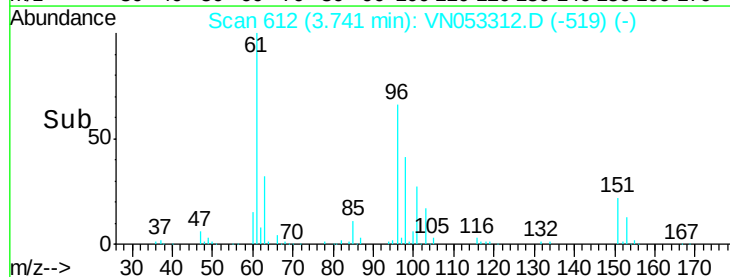
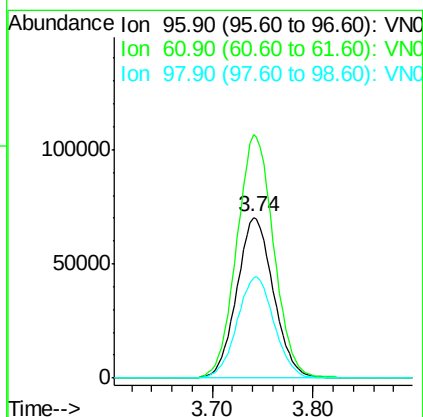
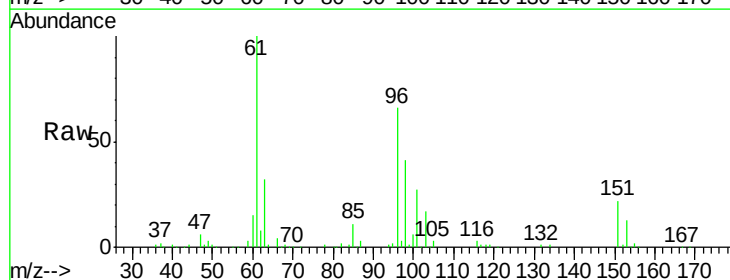
Tot Ion: 59 Resp: 52878
 Ion Ratio Lower Upper
 59 100
 57 9.4 8.0 12.0

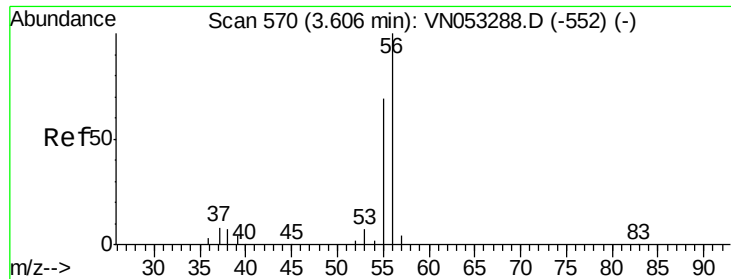


#12

1,1-Dichloroethene
 Concen: 19.385 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Tgt Ion: 96 Resp: 176651
 Ion Ratio Lower Upper
 96 100
 61 151.5 123.2 184.8
 98 62.4 50.5 75.7

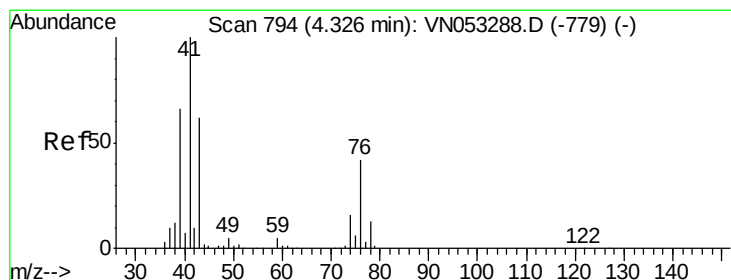
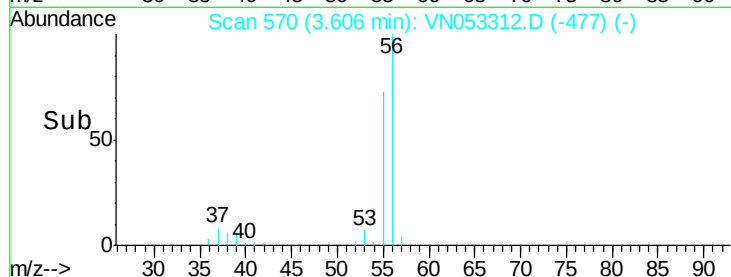
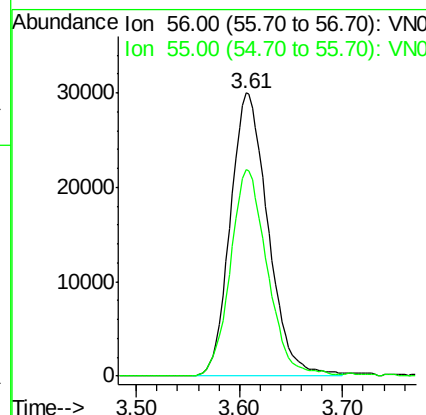
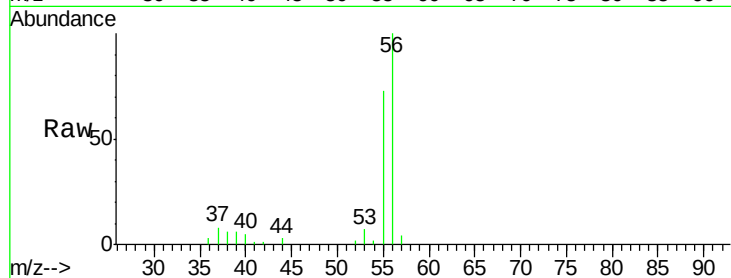




#13
 Acrolein
 Concen: 99.363 ug/l
 RT: 3.61 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

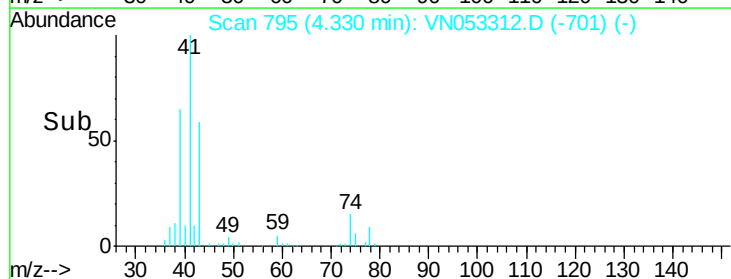
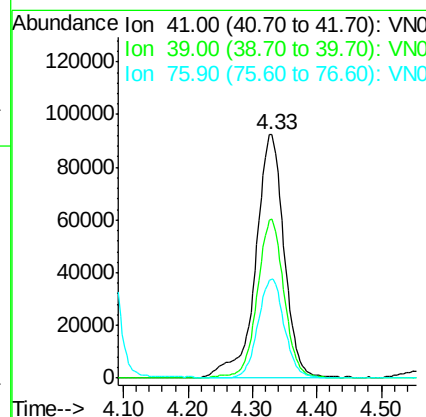
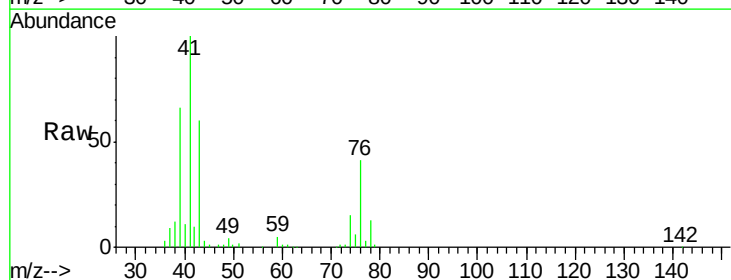
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0108WBS01

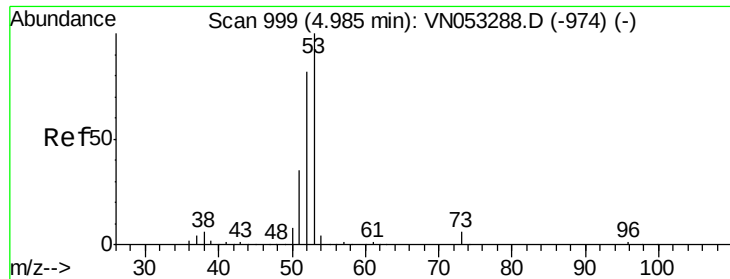
Tot Ion: 56 Resp: 76352
 Ion Ratio Lower Upper
 56 100
 55 71.4 56.3 84.5



#14
 Allyl chloride
 Concen: 19.394 ug/l
 RT: 4.33 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Tgt Ion: 41 Resp: 284847
 Ion Ratio Lower Upper
 41 100
 39 61.6 51.9 77.9
 76 36.9 31.2 46.8





#15

Acrylonitrile

Concen: 96.811 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampled :

VN0108WBS01

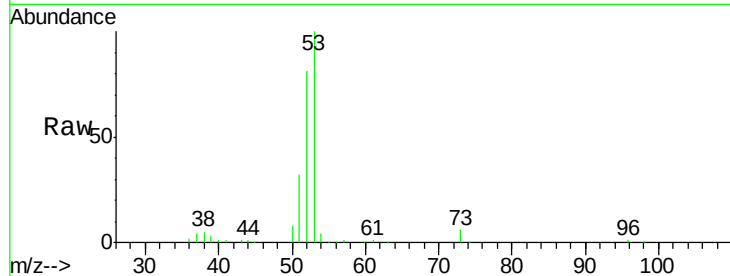
Tot Ion: 53 Resp: 353195

Ion Ratio Lower Upper

53 100

52 80.6 65.2 97.8

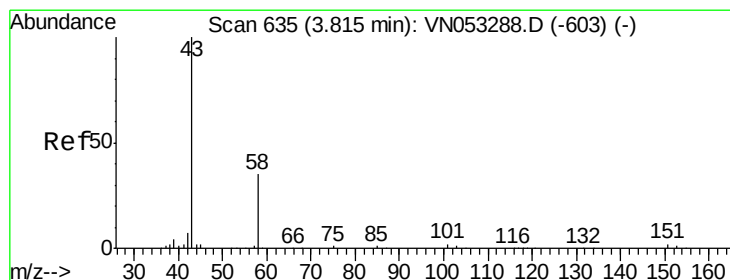
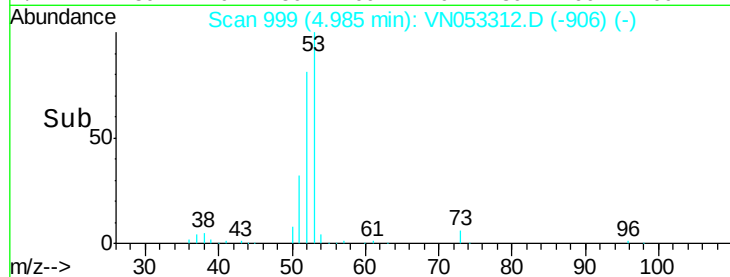
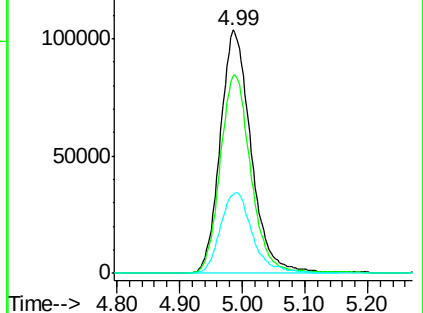
51 34.6 28.0 42.0



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: 91.918 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053312.D

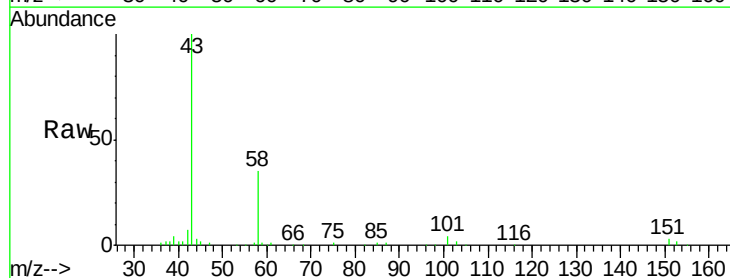
Acq: 8 Jan 2019 12:24

Tgt Ion: 43 Resp: 228233

Ion Ratio Lower Upper

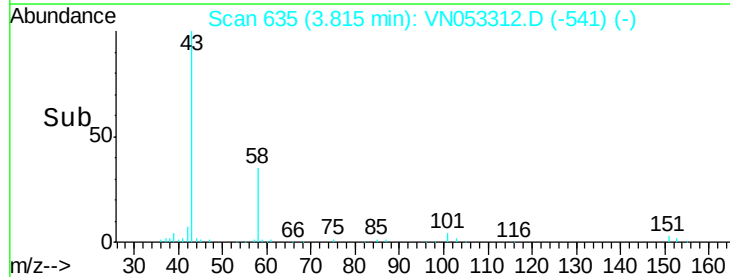
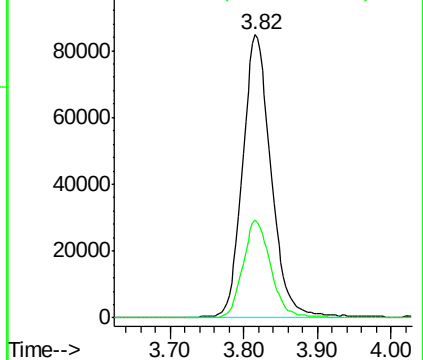
43 100

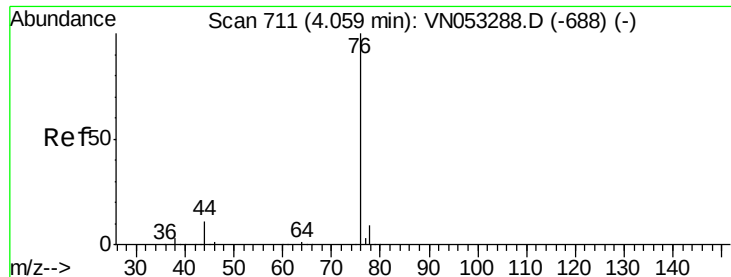
58 34.7 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

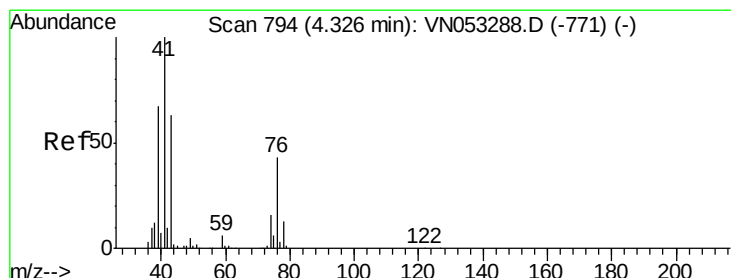
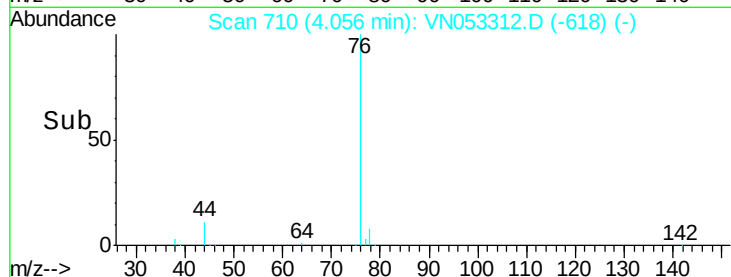
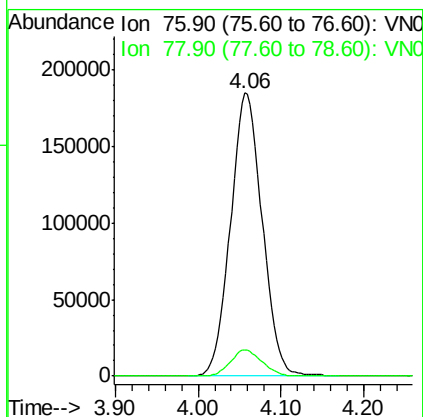
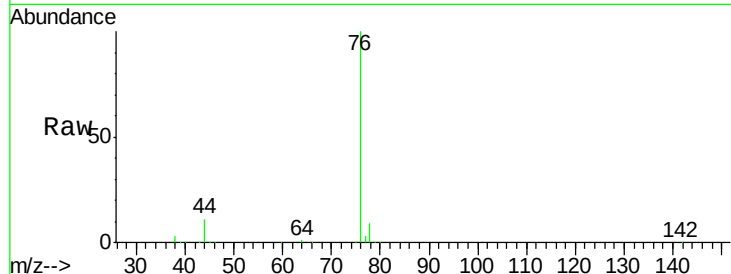




#17
Carbon Disulfide
Concen: 17.529 ug/l
RT: 4.06 min Scan# 710
Delta R.T. -0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

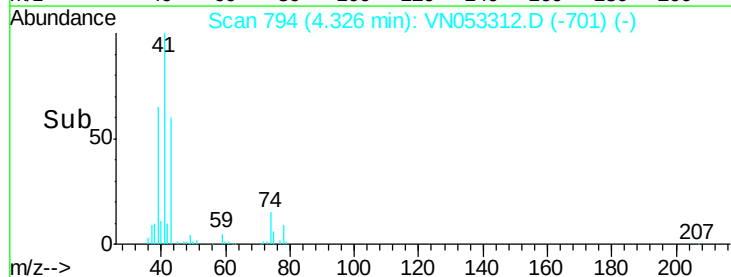
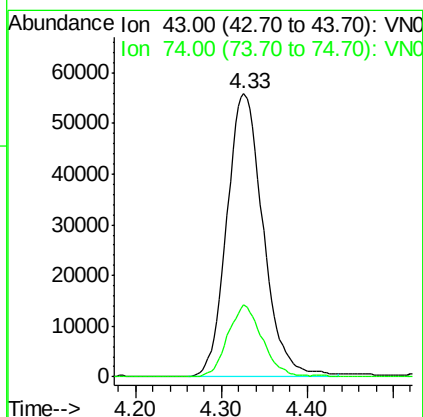
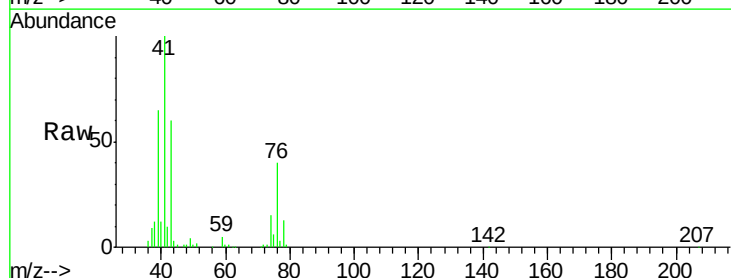
Instrument :
MSVOA_N
ClientSampleId :
VN0108WBS01

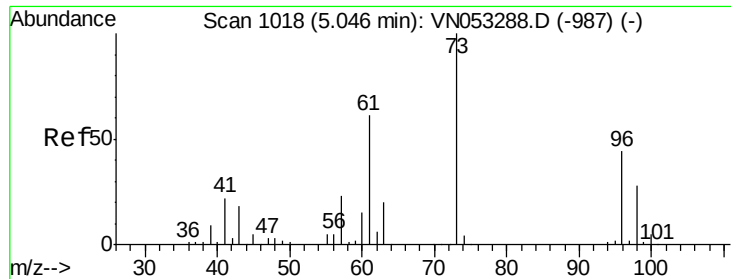
Tot Ion: 76 Resp: 492486
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 17.896 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion: 43 Resp: 164573
Ion Ratio Lower Upper
43 100
74 24.0 19.8 29.8





#19

Methyl tert-butyl Ether

Concen: 19.822 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

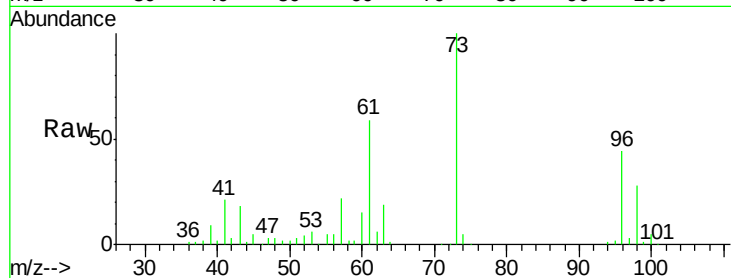
VN0108WBS01

Tot Ion: 73 Resp: 506967

Ion Ratio Lower Upper

73 100

57 22.1 18.5 27.7



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

5.05

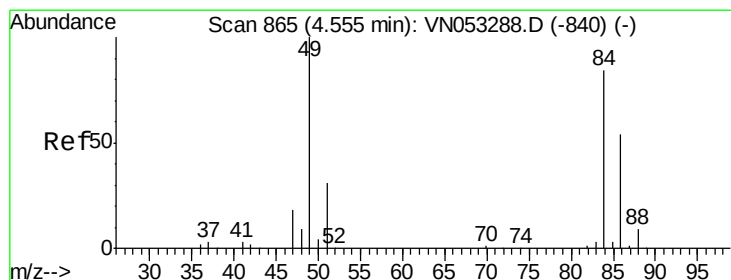
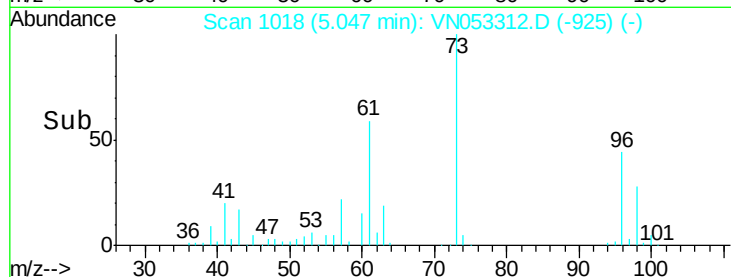
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 18.515 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Tgt Ion: 84 Resp: 202055

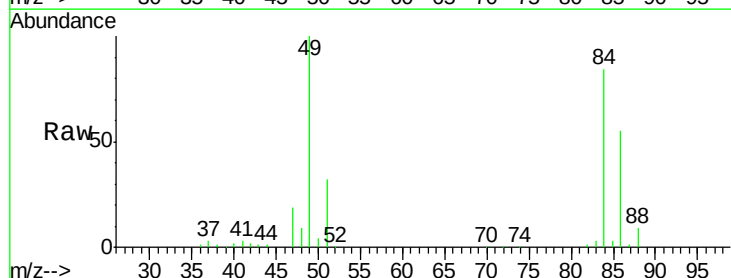
Ion Ratio Lower Upper

84 100

49 119.0 95.3 142.9

51 37.6 29.0 43.6

86 65.4 51.7 77.5



Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0

120000

100000

80000

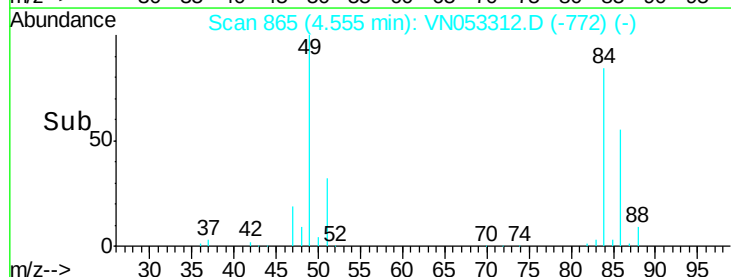
60000

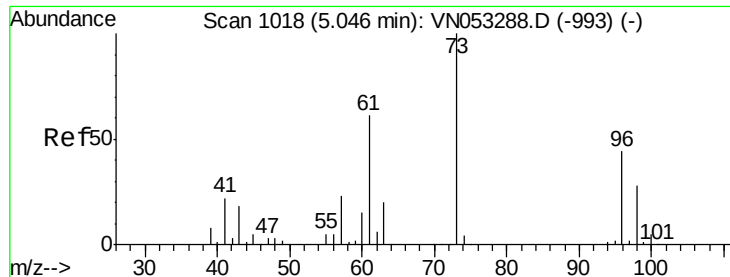
40000

20000

0

Time-->

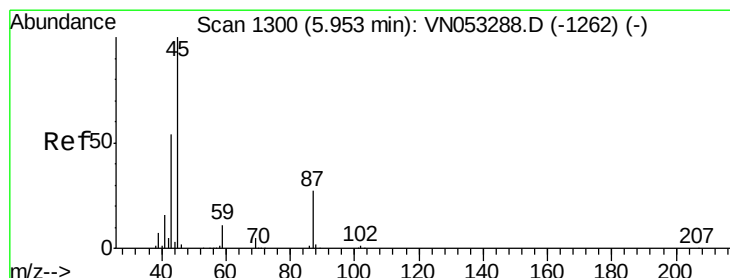
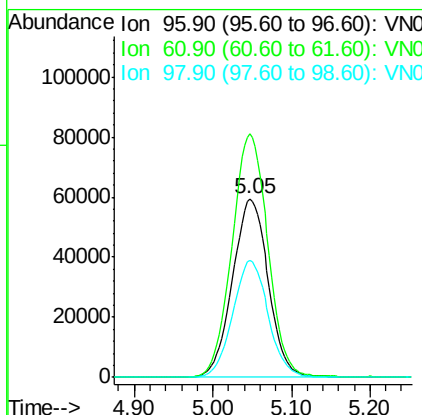
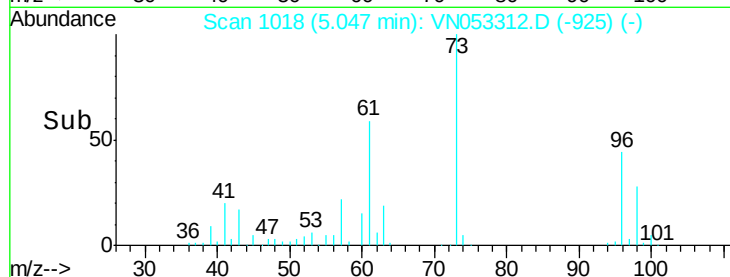
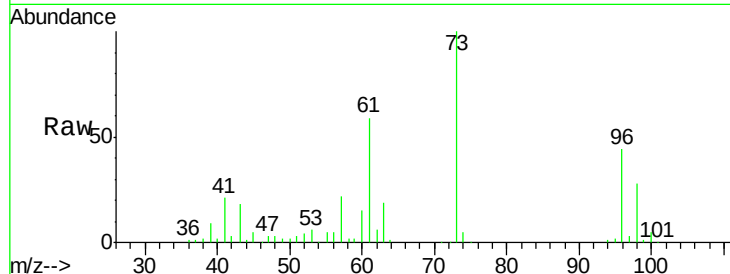




#21
trans-1,2-Dichloroethene
Concen: 19.350 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

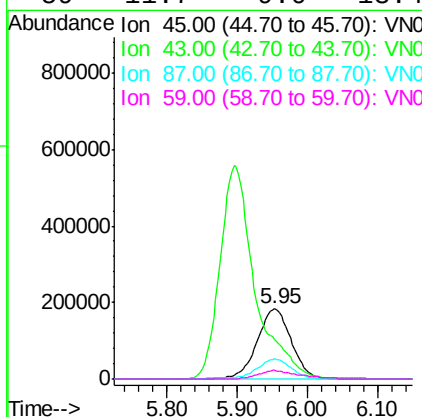
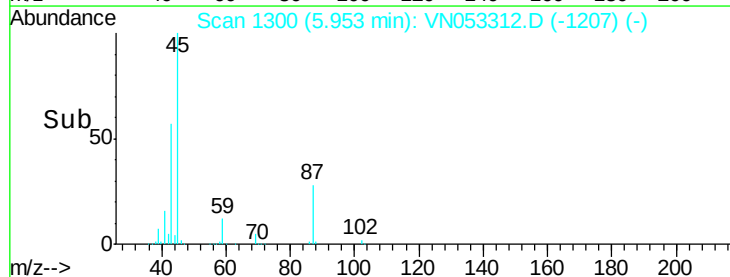
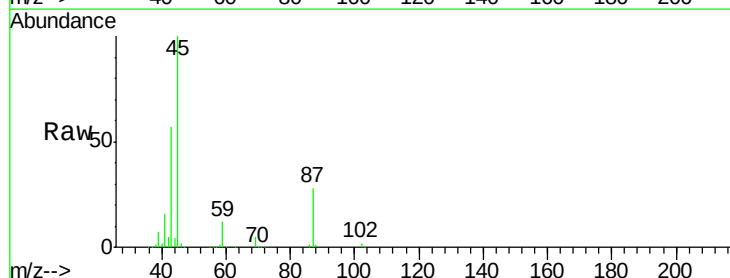
Instrument :
MSVOA_N
ClientSampled :
VN0108WBS01

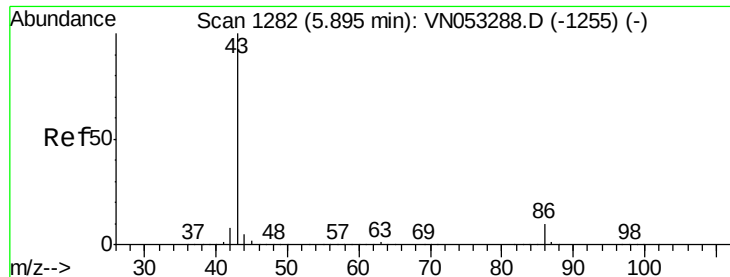
Tot Ion: 96 Resp: 189331
Ion Ratio Lower Upper
96 100
61 136.1 110.2 165.4
98 65.3 50.7 76.1



#22
Diisopropyl ether
Concen: 19.503 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion: 45 Resp: 617086
Ion Ratio Lower Upper
45 100
43 56.1 43.0 64.6
87 28.4 22.1 33.1
59 11.7 9.0 13.4





#23

Vinyl Acetate

Concen: 97.053 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

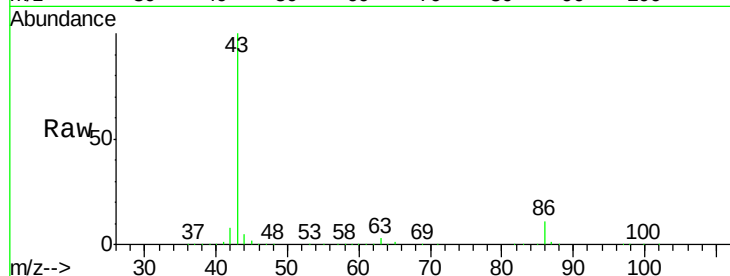
VN0108WBS01

Tot Ion: 43 Resp: 1932229

Ion Ratio Lower Upper

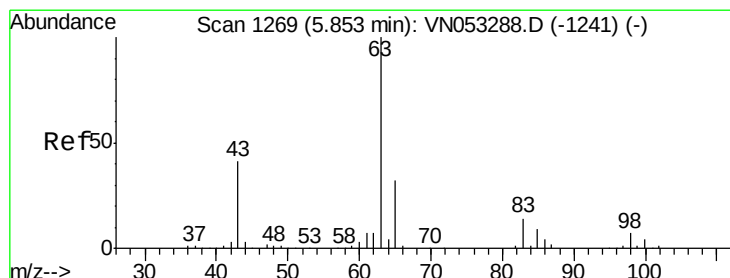
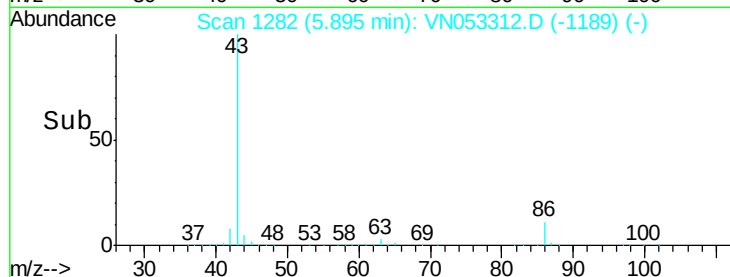
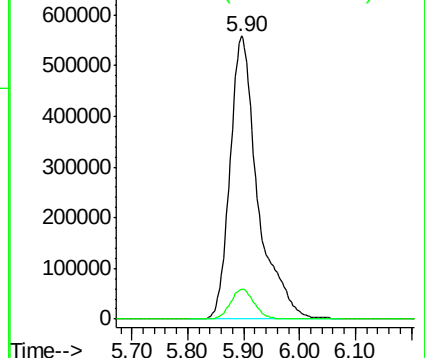
43 100

86 10.6 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.616 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

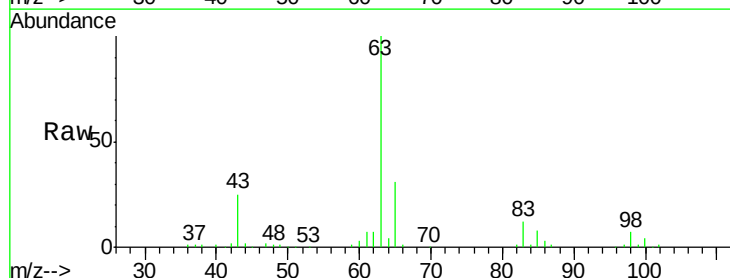
Tgt Ion: 63 Resp: 357970

Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.8

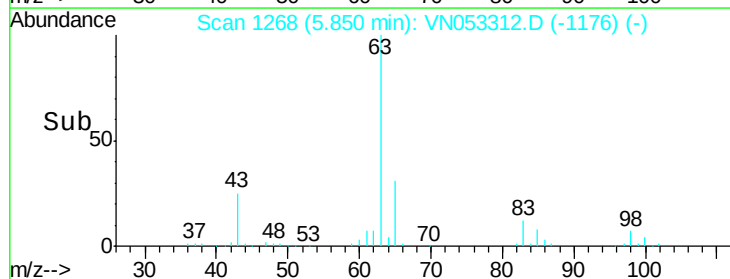
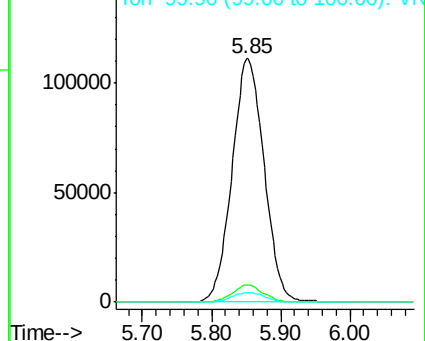
100 3.9 2.1 6.5

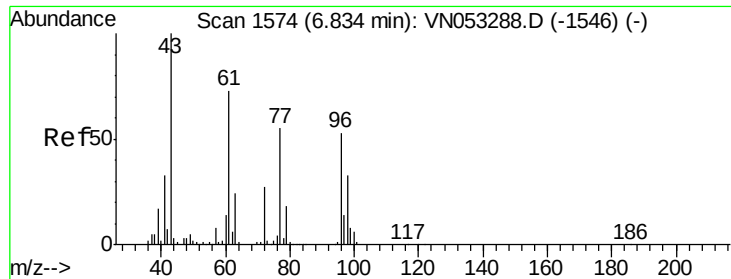


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

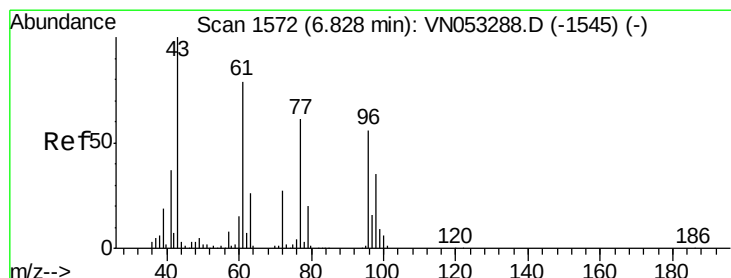
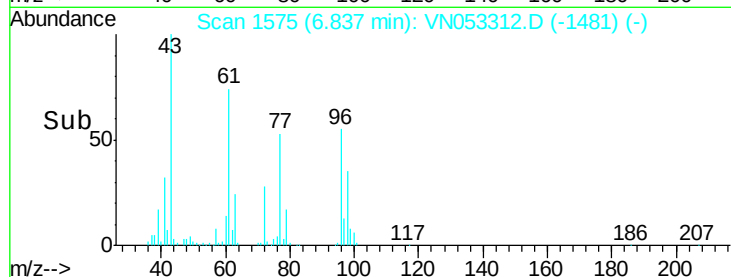
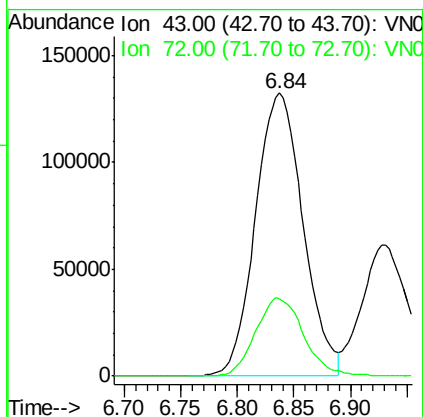
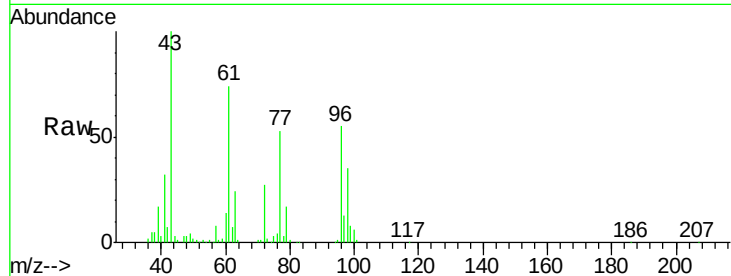




#25
2-Butanone
Concen: 92.545 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

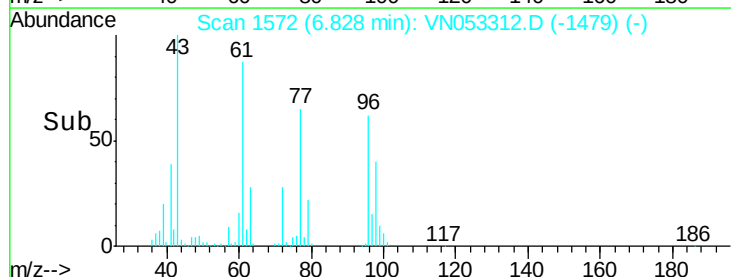
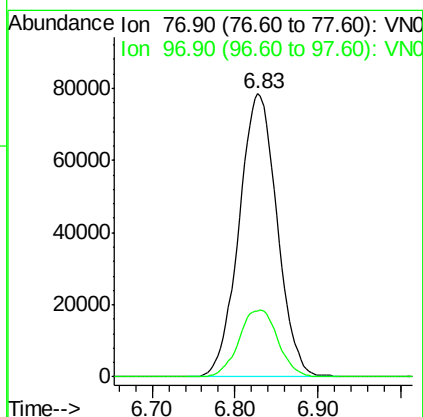
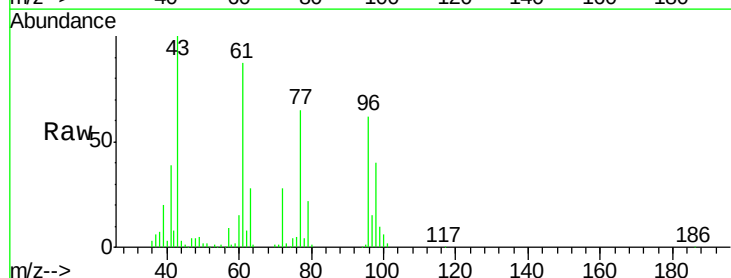
Instrument :
MSVOA_N
ClientSampled :
VN0108WBS01

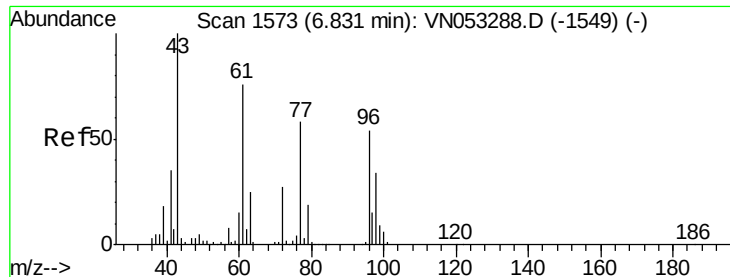
Tot Ion: 43 Resp: 385780
Ion Ratio Lower Upper
43 100
72 27.5 22.0 33.0



#26
2,2-Dichloropropane
Concen: 18.757 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion: 77 Resp: 250214
Ion Ratio Lower Upper
77 100
97 24.3 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 19.666 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

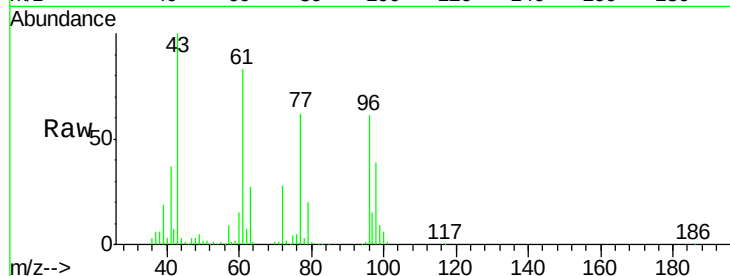
Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :
MSVOA_N
ClientSampled :
VN0108WBS01

Tot Ion: 96 Resp: 219744

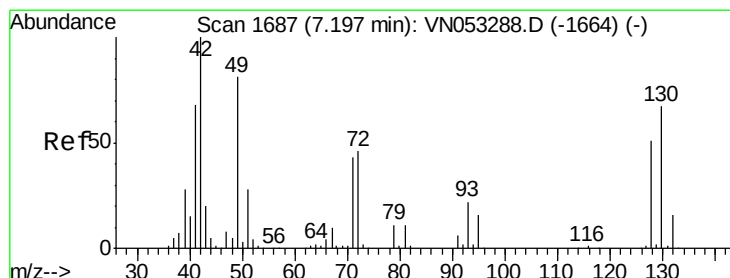
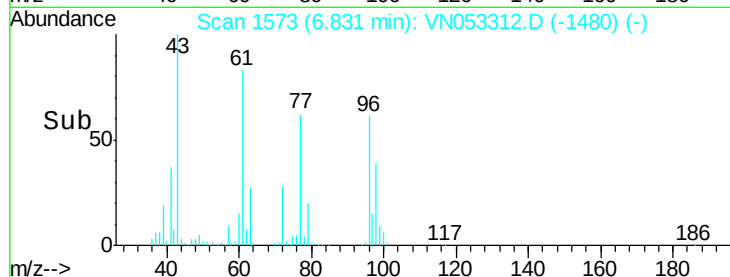
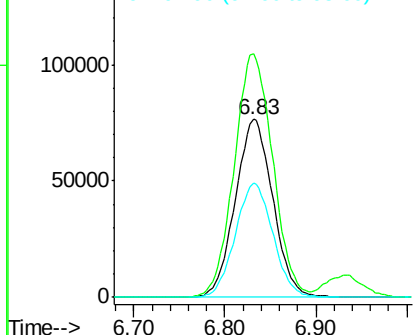
Ion	Ratio	Lower	Upper
96	100		
61	140.5	0.0	280.6
98	64.3	0.0	127.6



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: 20.646 ug/l

RT: 7.20 min Scan# 1687

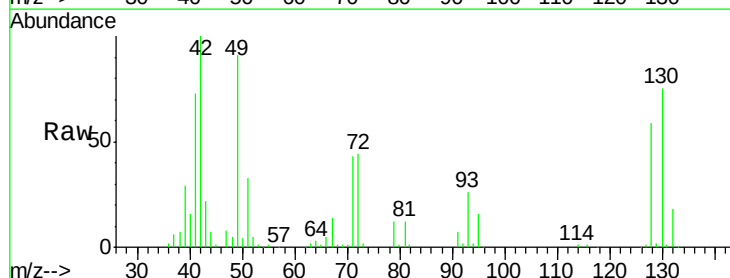
Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Tgt Ion: 49 Resp: 160556

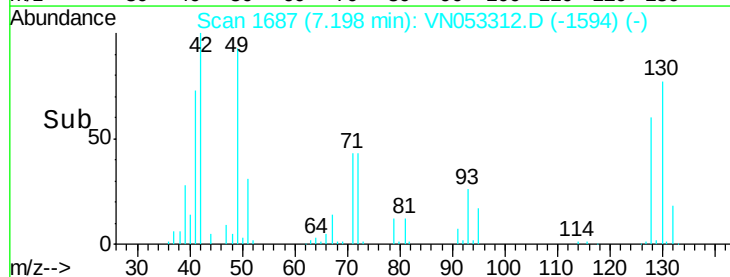
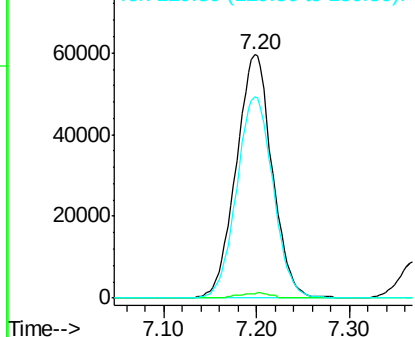
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	83.5	65.4	98.0

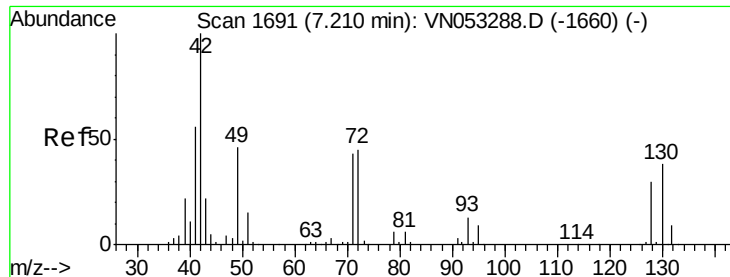


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

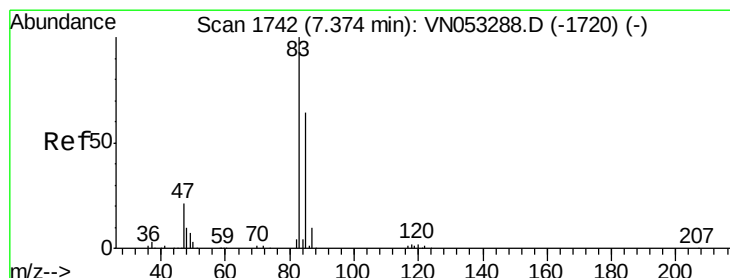
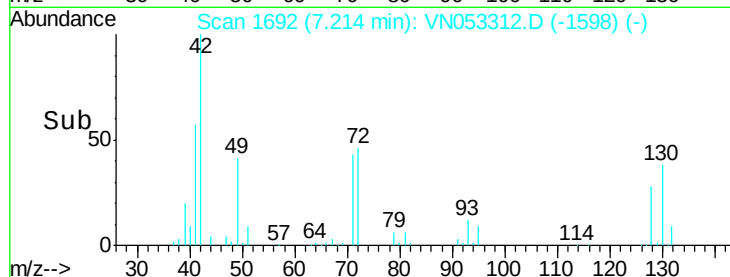
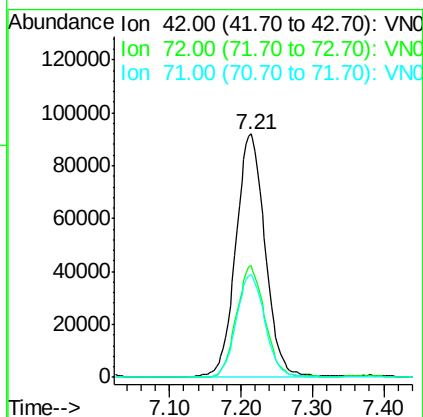
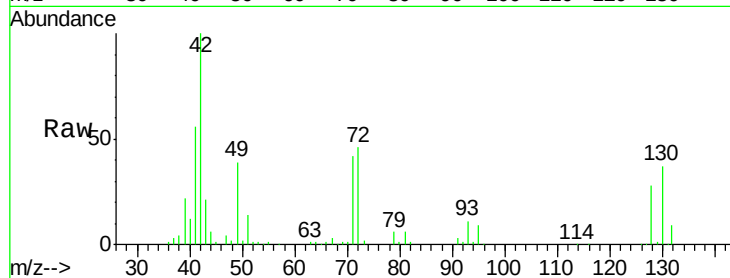




#29
Tetrahydrofuran
Concen: 95.652 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

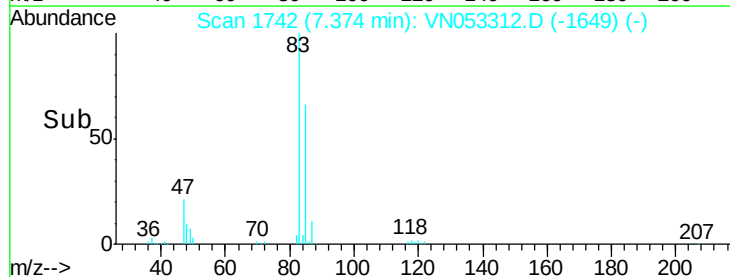
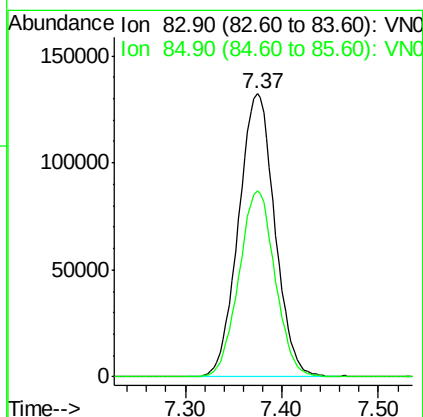
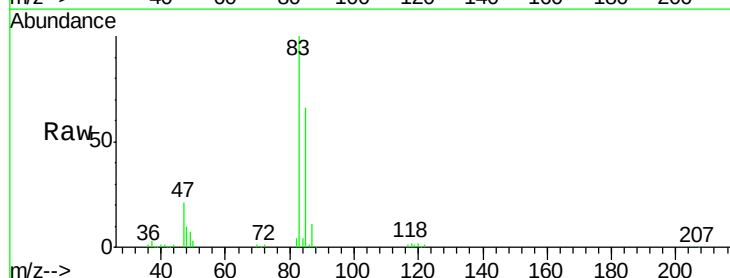
Instrument :
MSVOA_N
ClientSampled :
VN0108WBS01

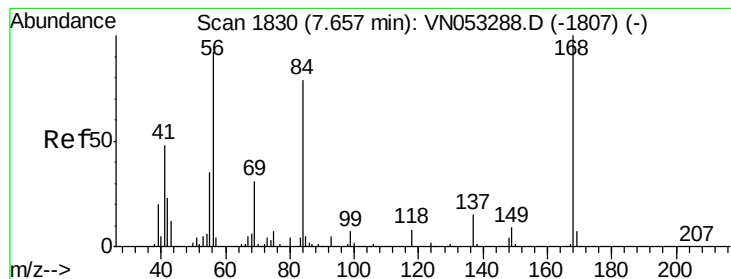
Tot Ion: 42 Resp: 263128
Ion Ratio Lower Upper
42 100
72 44.2 35.6 53.4
71 41.2 33.8 50.8



#30
Chloroform
Concen: 19.174 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion: 83 Resp: 344396
Ion Ratio Lower Upper
83 100
85 65.6 51.3 76.9





#31

Cyclohexane

Concen: 19.552 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampled :

VN0108WBS01

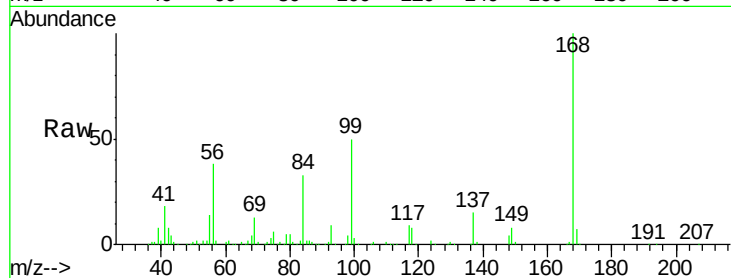
Tot Ion: 56 Resp: 341118

Ion Ratio Lower Upper

56 100

69 35.3 26.7 40.1

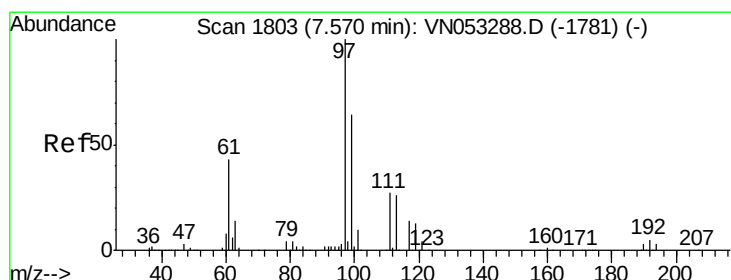
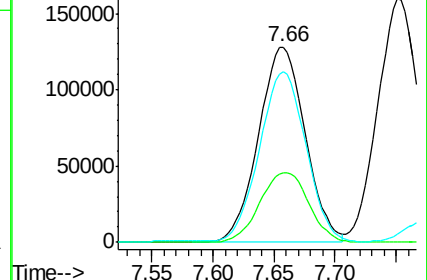
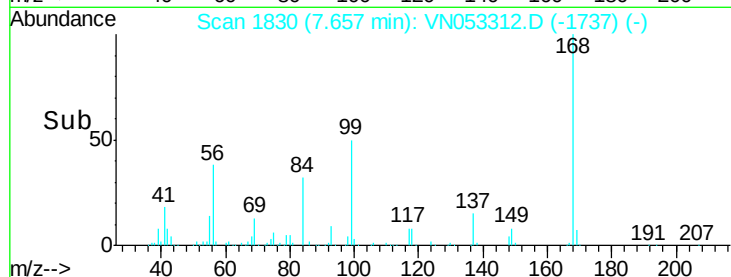
84 86.4 68.2 102.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.252 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

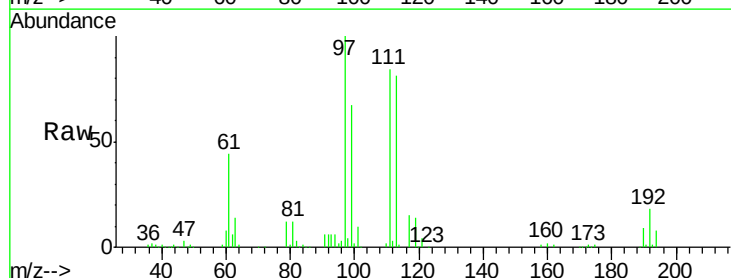
Tgt Ion: 97 Resp: 288157

Ion Ratio Lower Upper

97 100

99 64.4 51.6 77.4

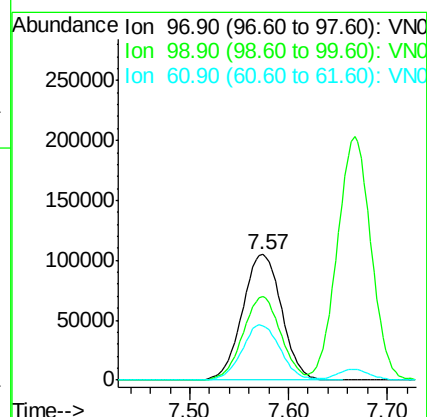
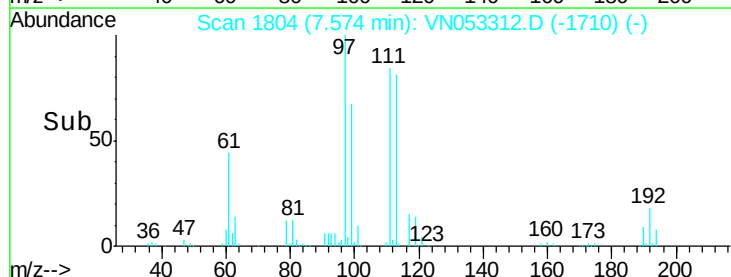
61 42.8 34.6 52.0

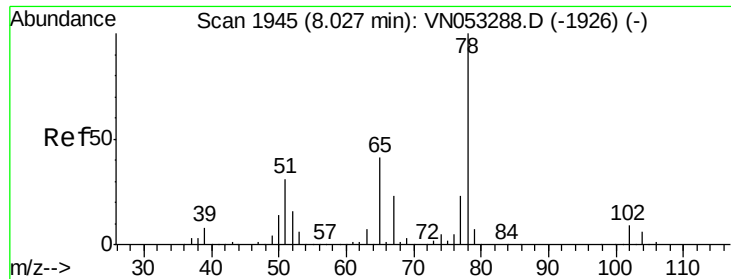


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

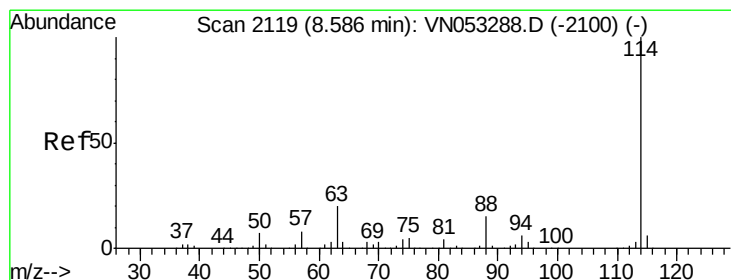
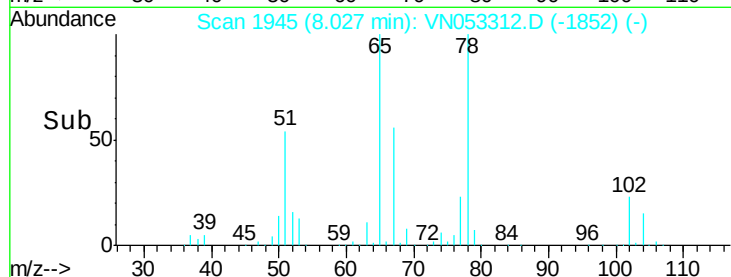
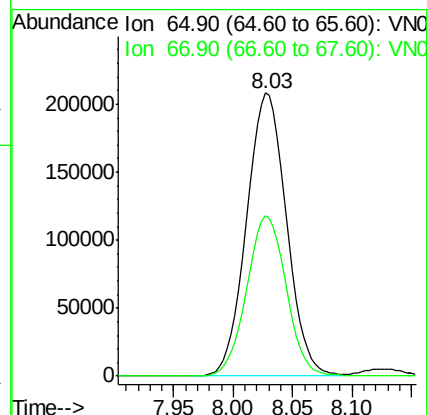
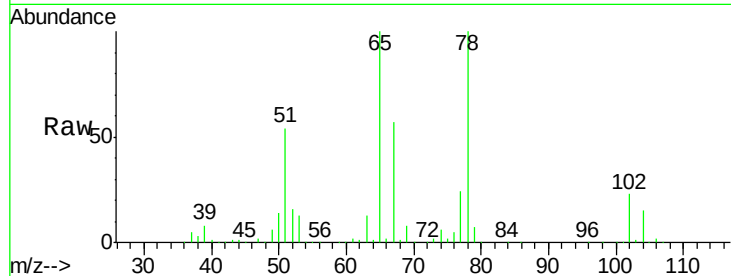




#33
 1,2-Dichloroethane-d4
 Concen: 19.252 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

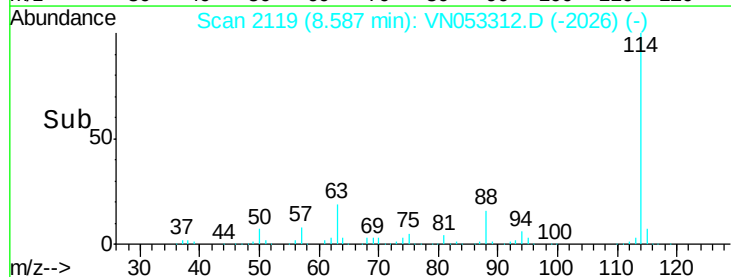
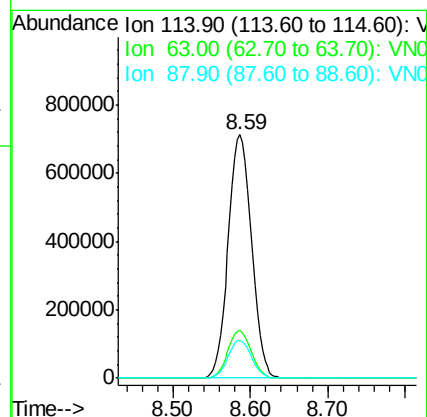
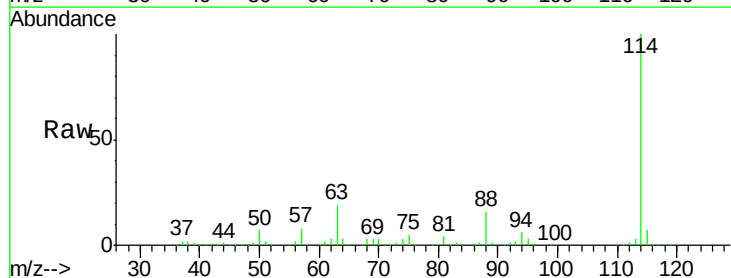
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0108WBS01

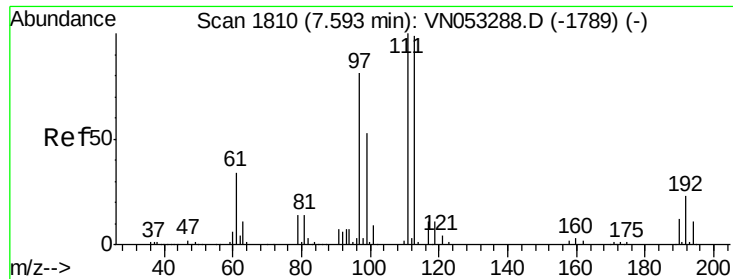
Tot Ion: 65 Resp: 484104
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Tgt Ion:114 Resp: 1492325
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.5 0.0 30.8

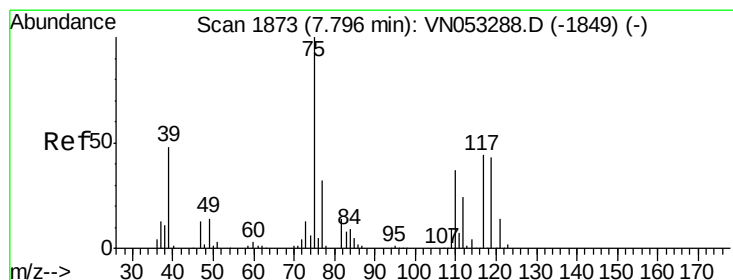
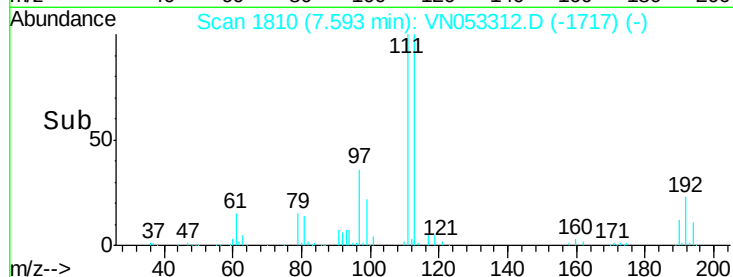
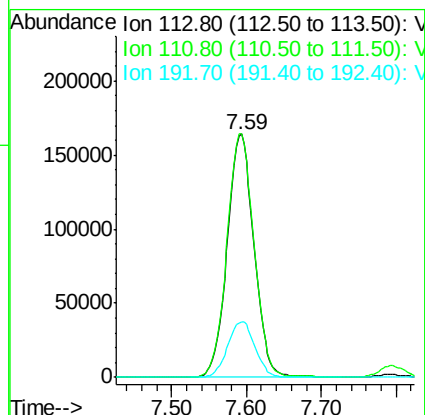
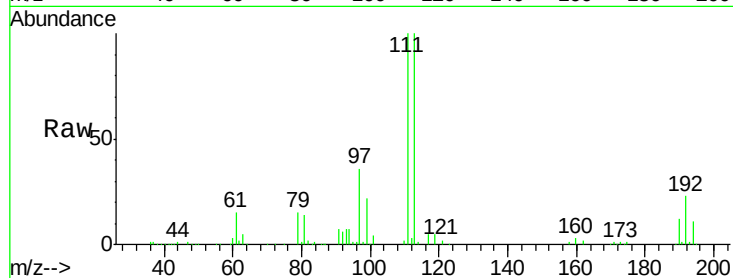




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

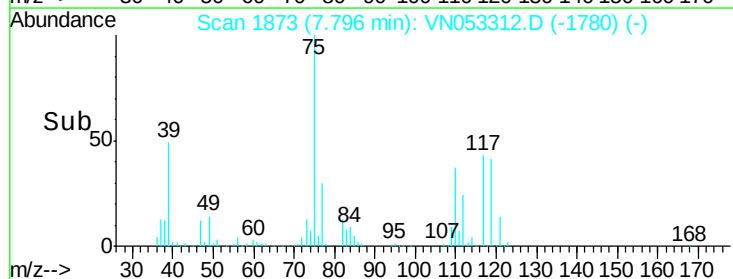
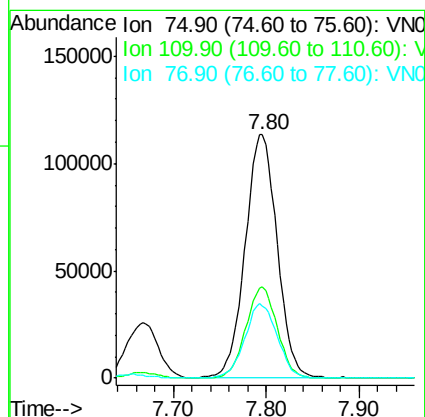
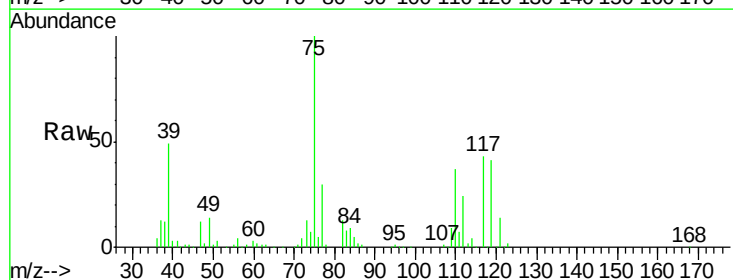
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0108WBS01

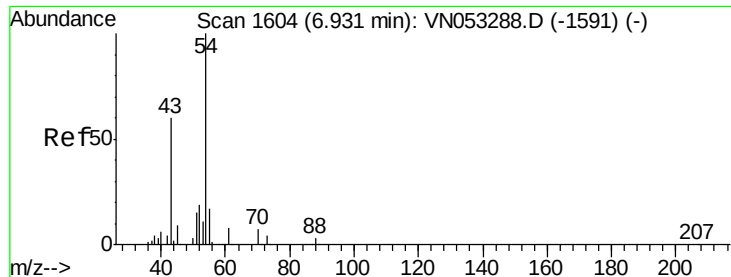
Tot Ion:113 Resp: 408108
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.4 122.2
 192 23.4 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 19.432 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Tgt Ion: 75 Resp: 270727
 Ion Ratio Lower Upper
 75 100
 110 36.8 18.4 55.0
 77 30.6 25.3 37.9

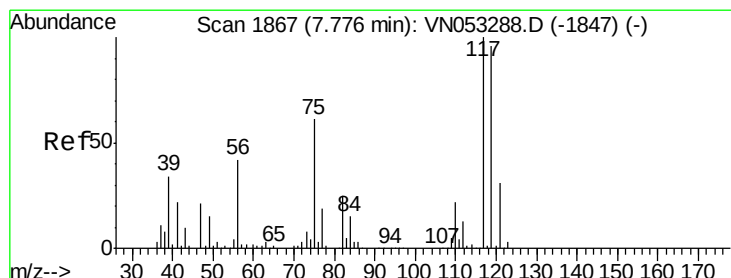
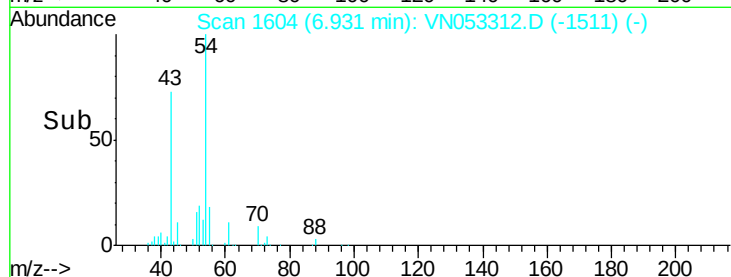
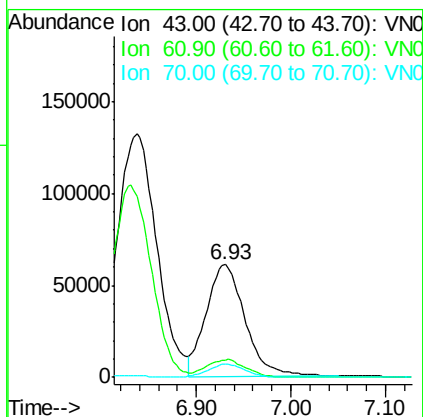
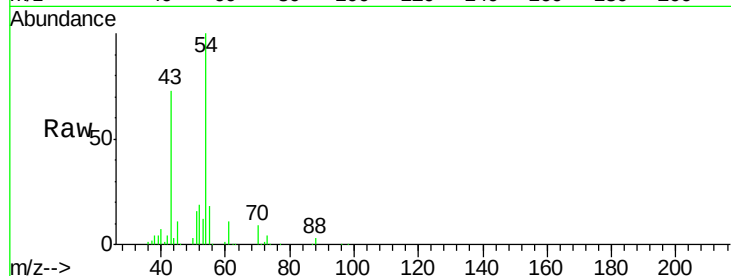




#37
Ethyl Acetate
Concen: 19.161 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

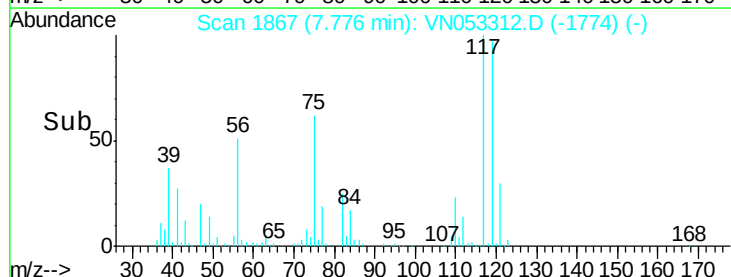
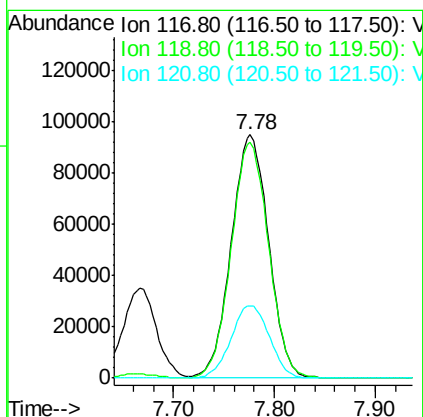
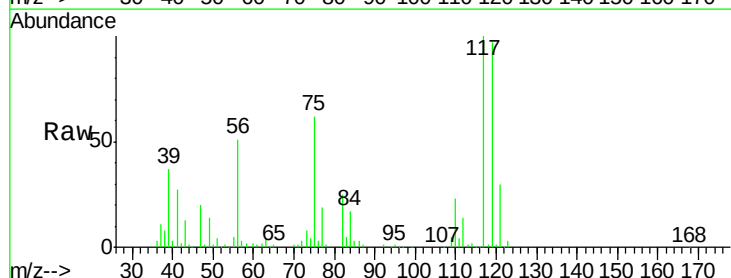
Instrument :
MSVOA_N
ClientSampled :
VN0108WBS01

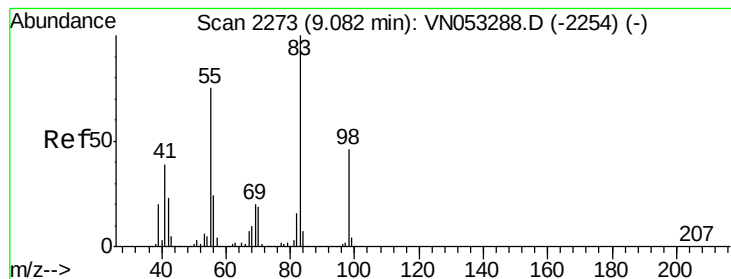
Tot Ion: 43 Resp: 173883
Ion Ratio Lower Upper
43 100
61 15.2 11.9 17.9
70 11.2 8.6 13.0



#38
Carbon Tetrachloride
Concen: 18.868 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion: 117 Resp: 242624
Ion Ratio Lower Upper
117 100
119 96.6 76.6 115.0
121 29.9 25.0 37.4





#39

Methylvlcyclohexane

Concen: 18.552 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0108WBS01

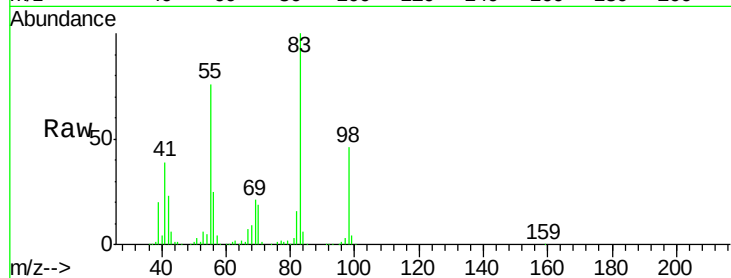
Tot Ion: 83 Resp: 299439

Ion Ratio Lower Upper

83 100

55 75.5 60.1 90.1

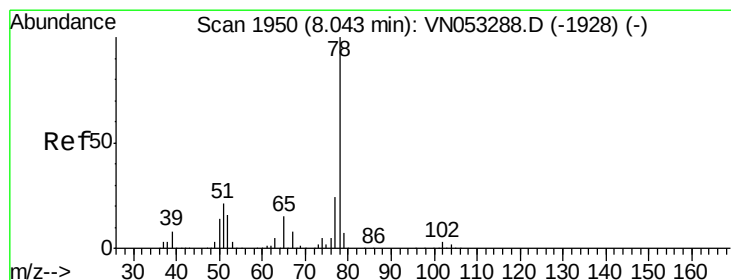
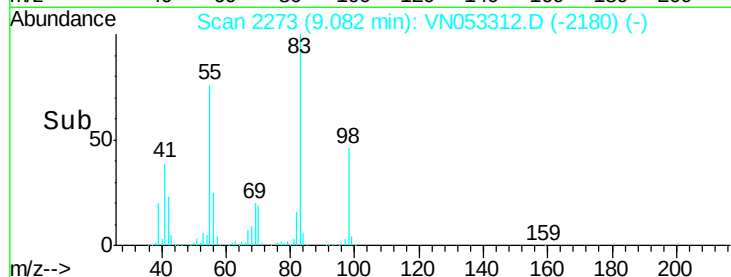
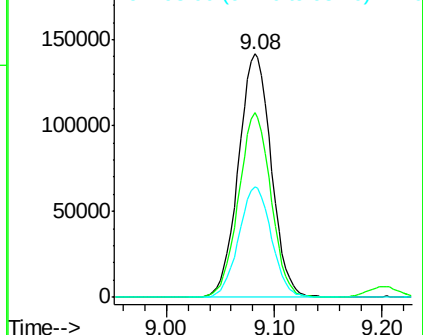
98 45.5 36.7 55.1



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40

Benzene

Concen: 19.560 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN053312.D

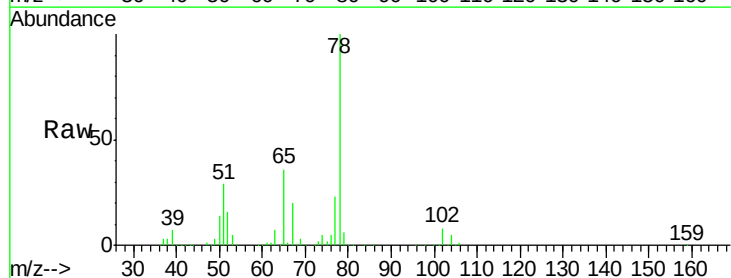
Acq: 8 Jan 2019 12:24

Tgt Ion: 78 Resp: 832388

Ion Ratio Lower Upper

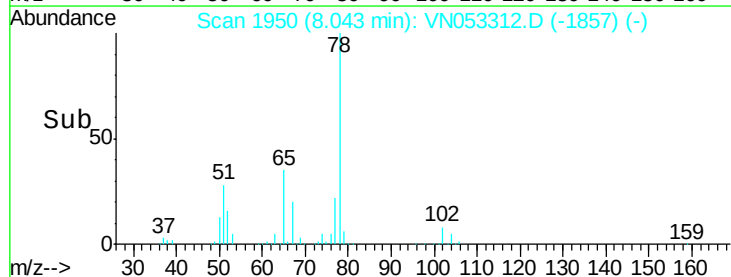
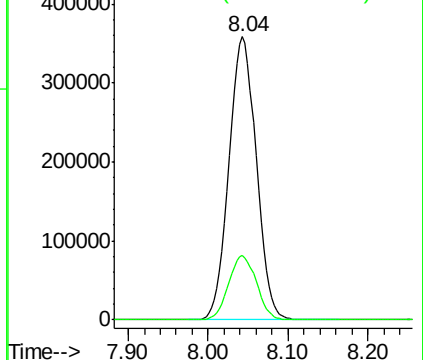
78 100

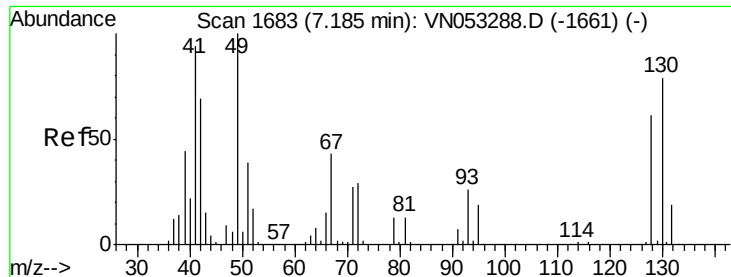
77 22.6 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

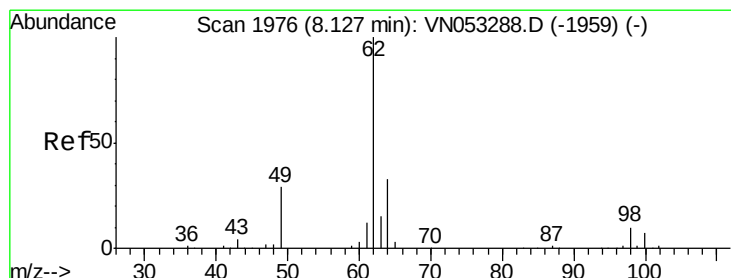
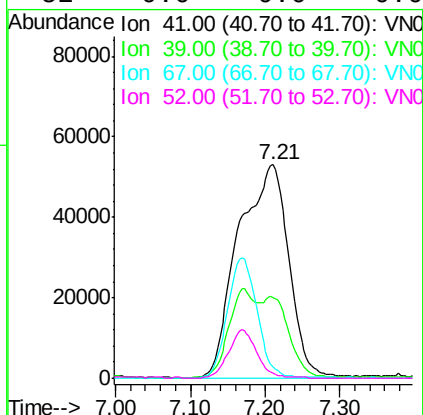
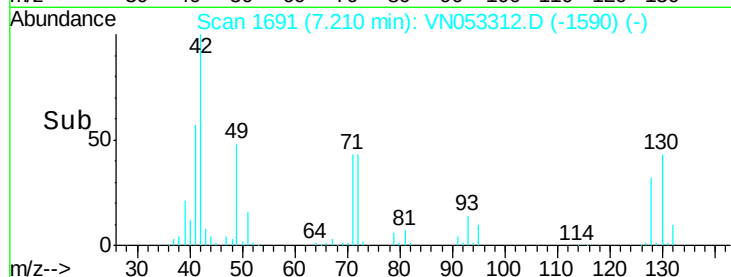
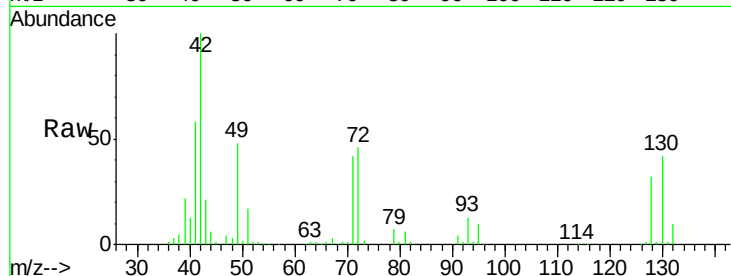




#41
Methacrylonitrile
Concen: 43.989 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.03 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

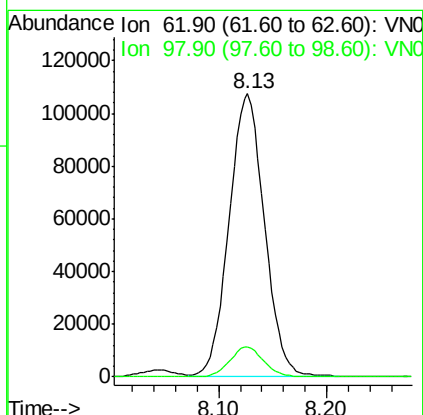
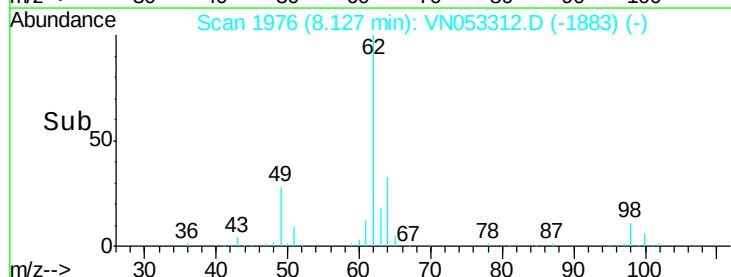
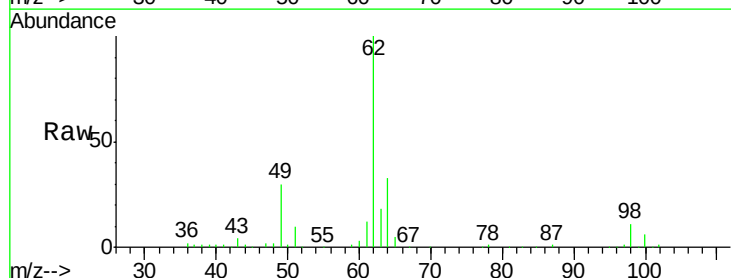
Instrument :
MSVOA_N
ClientSampleId :
VN0108WBS01

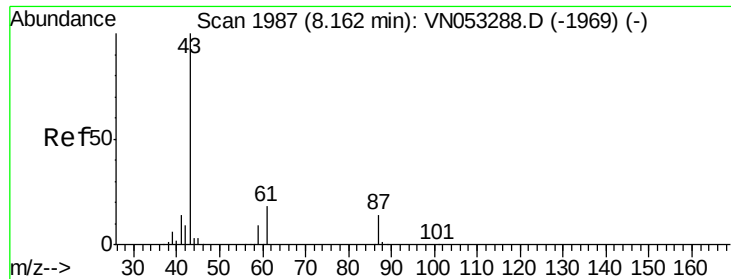
Tot Ion:	41	Resp:	247830
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.347 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion:	62	Resp:	244224
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2





#43

Isopropyl Acetate

Concen: 17.938 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0108WBS01

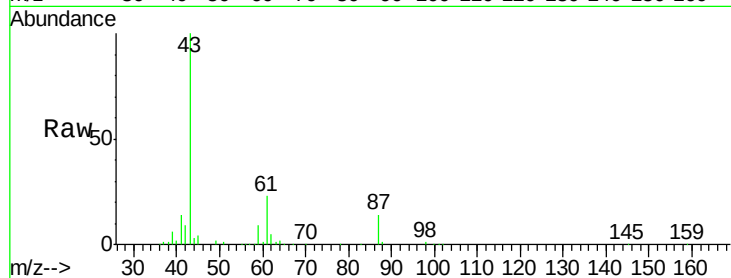
Tot Ion: 43 Resp: 320234

Ion Ratio Lower Upper

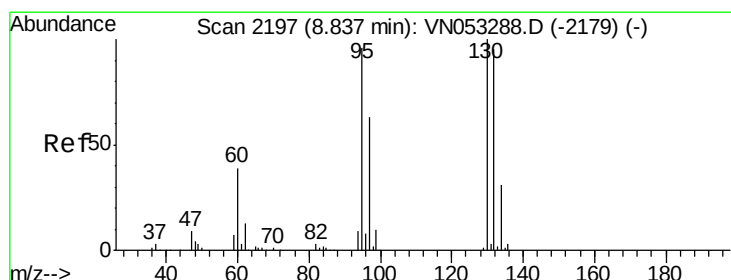
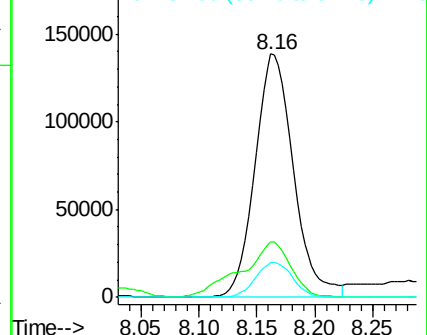
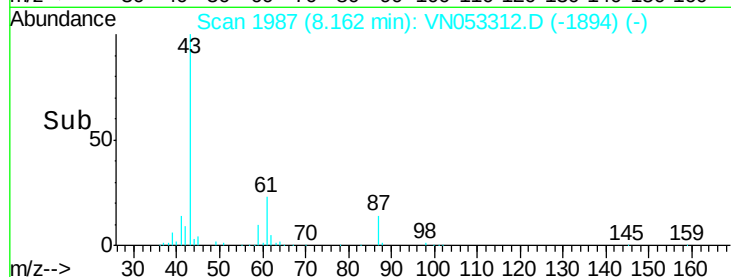
43 100

61 28.9 23.3 34.9

87 13.9 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VN053312.D (-1894) (-)



#44

Trichloroethene

Concen: 19.346 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN053312.D

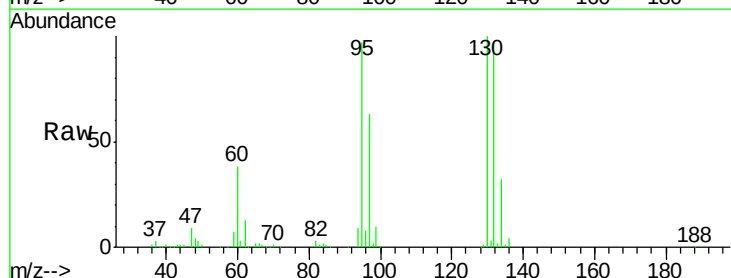
Acq: 8 Jan 2019 12:24

Tgt Ion:130 Resp: 226069

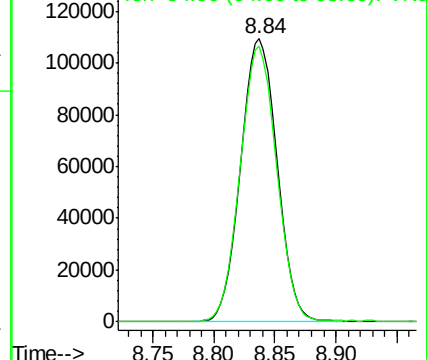
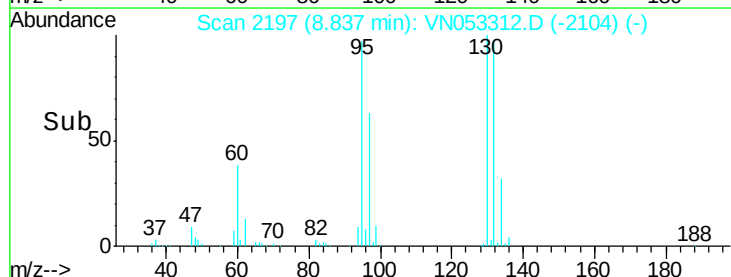
Ion Ratio Lower Upper

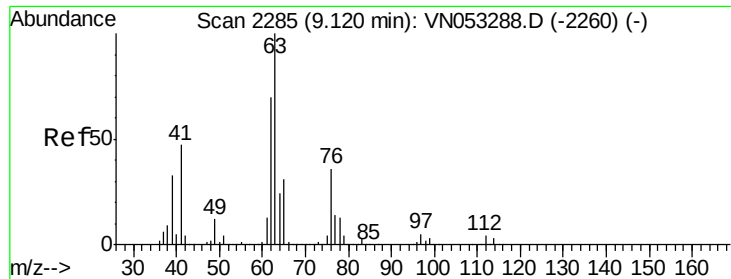
130 100

95 97.3 0.0 191.8



Abundance Ion 129.80 (129.50 to 130.50): VN053312.D (-2104) (-)





#45

1,2-Dichloropropane

Concen: 19.742 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

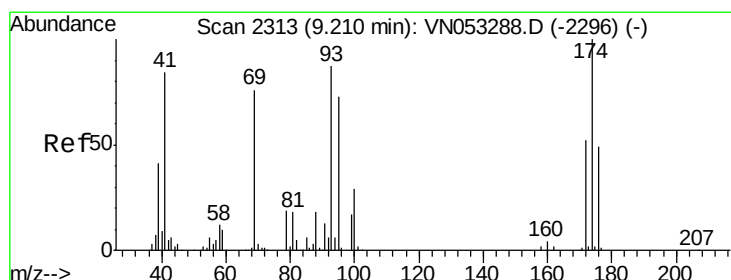
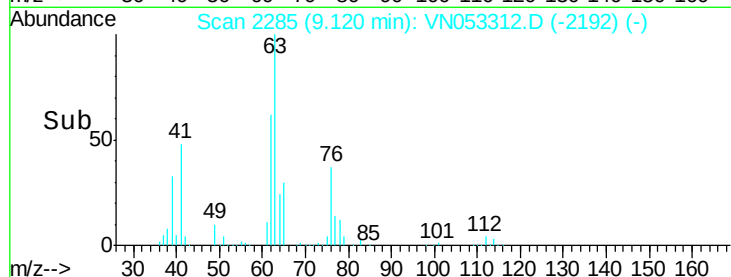
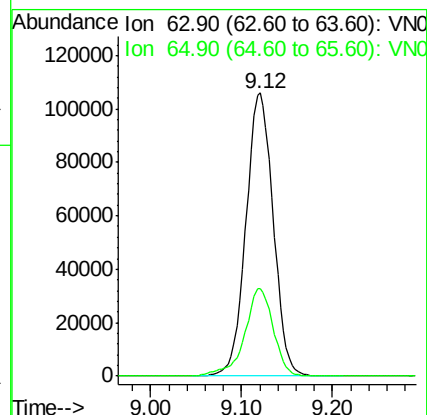
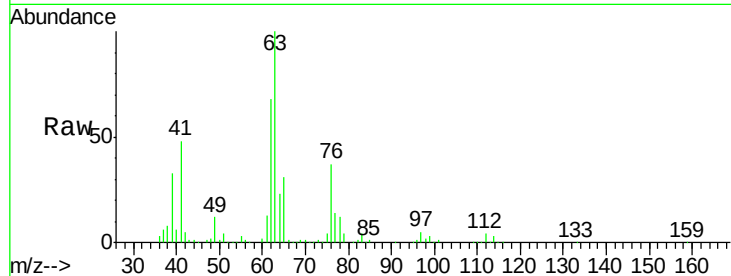
VN0108WBS01

Tot Ion: 63 Resp: 220356

Ion Ratio Lower Upper

63 100

65 31.0 25.0 37.6



#46

Dibromomethane

Concen: 19.392 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

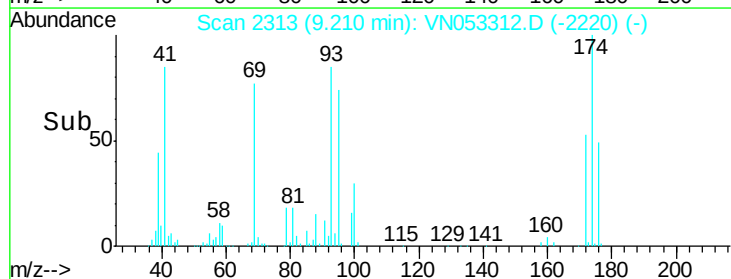
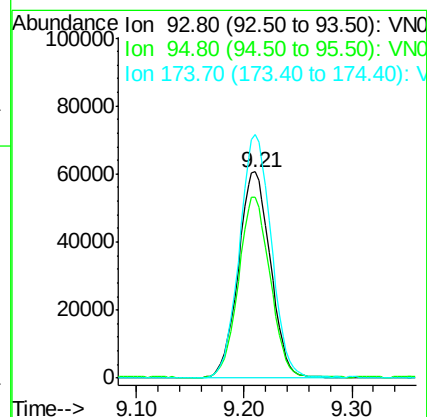
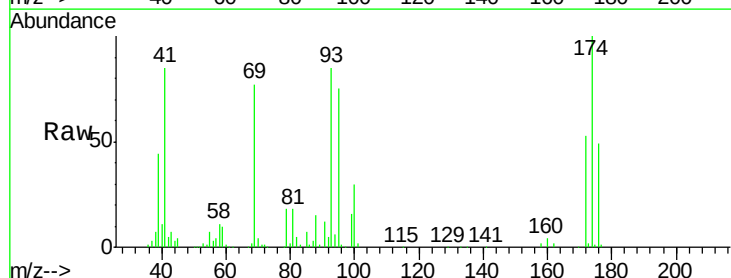
Tgt Ion: 93 Resp: 126200

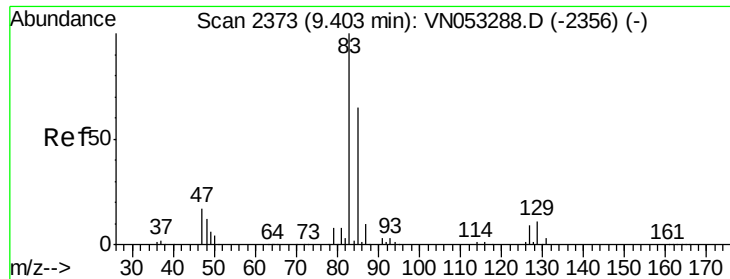
Ion Ratio Lower Upper

93 100

95 86.7 66.6 100.0

174 116.4 91.4 137.0

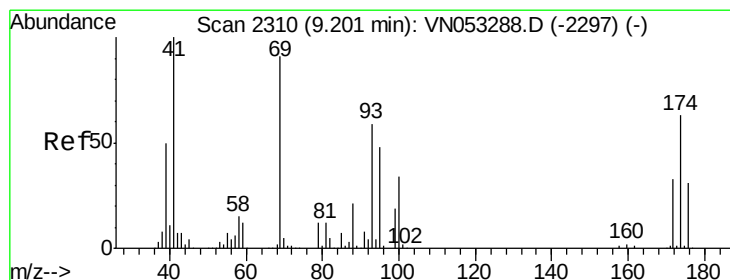
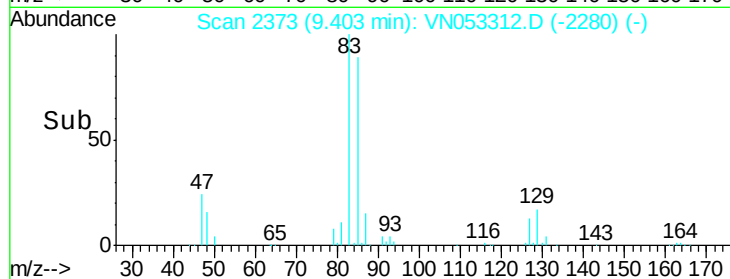
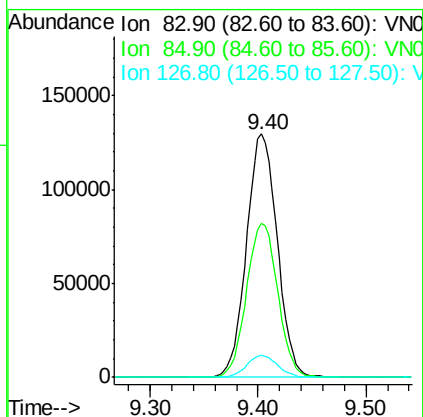
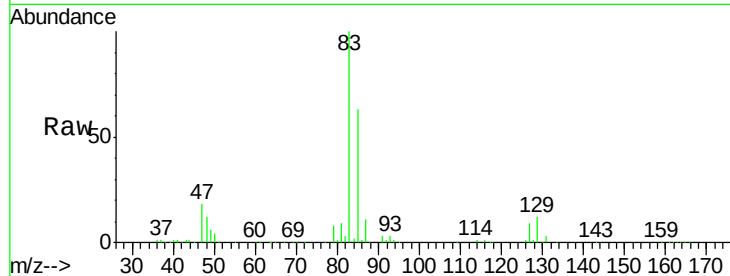




#47
Bromodichloromethane
Concen: 18.954 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

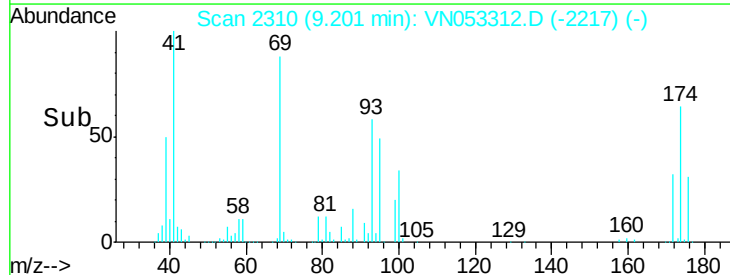
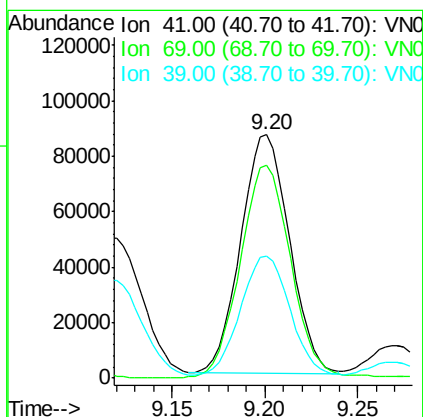
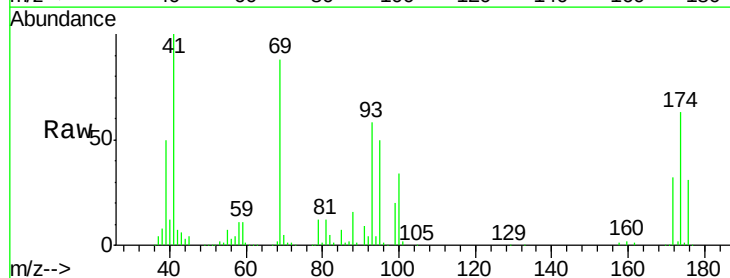
Instrument :
MSVOA_N
ClientSampleId :
VN0108WBS01

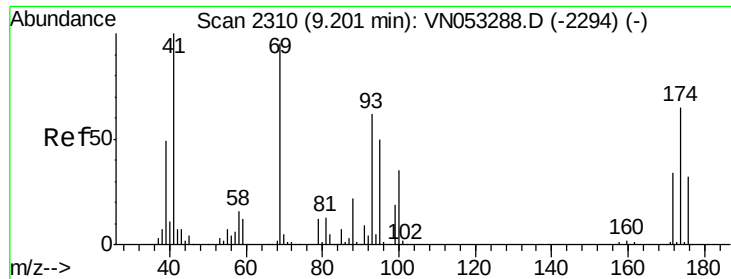
Tot Ion: 83 Resp: 257060
Ion Ratio Lower Upper
83 100
85 63.1 51.7 77.5
127 9.0 7.0 10.6



#48
Methyl methacrylate
Concen: 19.349 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion: 41 Resp: 156926
Ion Ratio Lower Upper
41 100
69 92.4 73.5 110.3
39 52.9 41.6 62.4





#49

1,4-Dioxane

Concen: 335.236 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0108WBS01

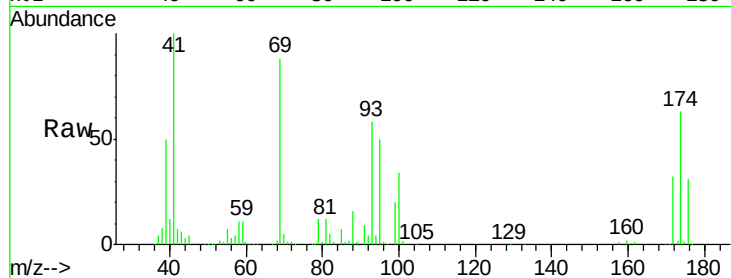
Tot Ion: 88 Resp: 28968

Ion Ratio Lower Upper

88 100

43 34.0 26.2 39.4

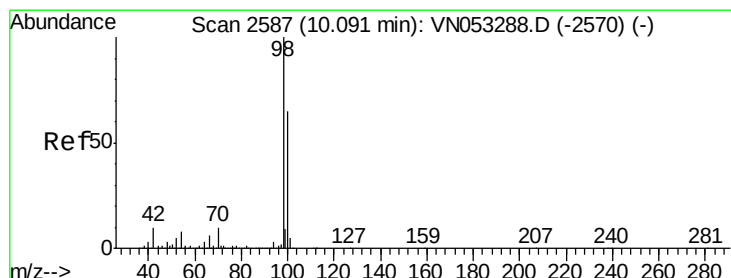
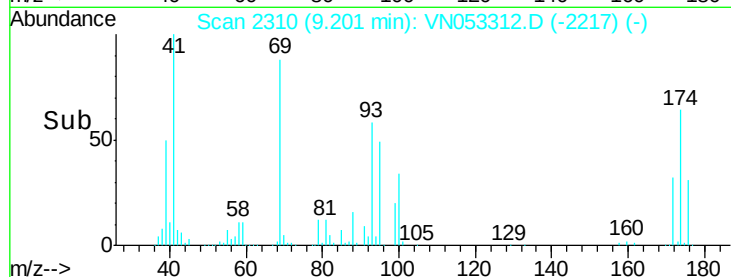
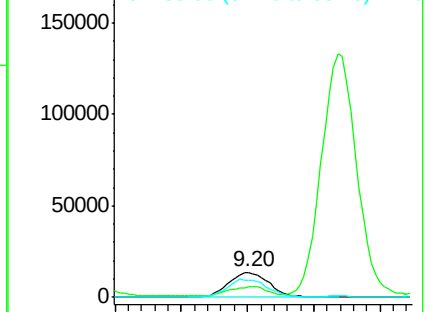
58 72.7 55.5 83.3



Abundance Ion 88.00 (87.70 to 88.70): VN053312.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN053312.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN053312.D (-2217) (-)



#50

Toluene-d8

Concen: 335.236 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053312.D

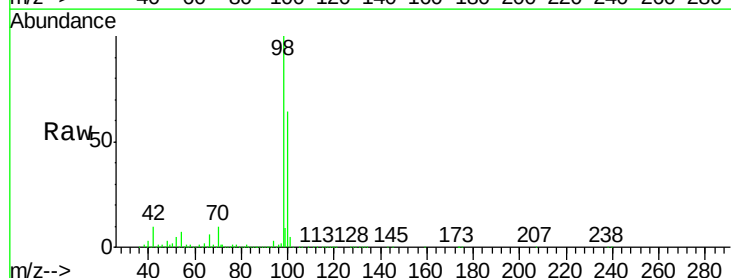
Acq: 8 Jan 2019 12:24

Tgt Ion: 98 Resp: 1791895

Ion Ratio Lower Upper

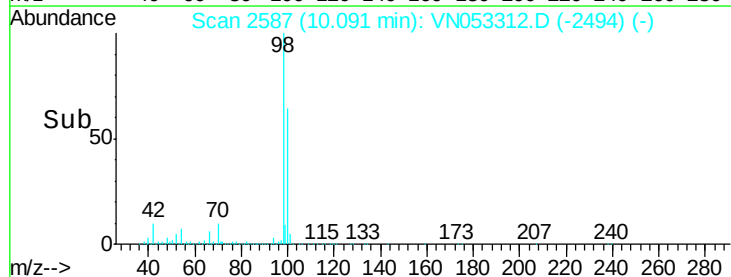
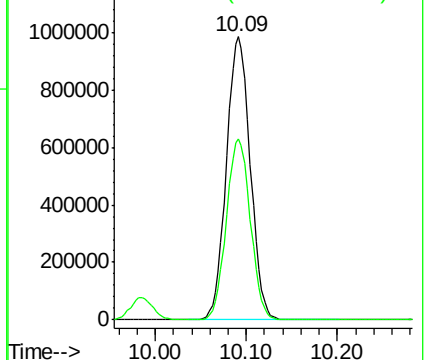
98 100

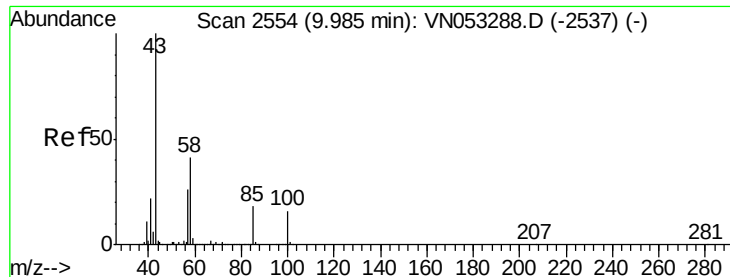
100 64.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN053312.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053312.D (-2494) (-)

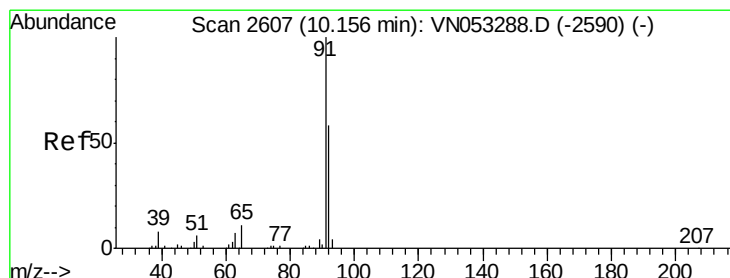
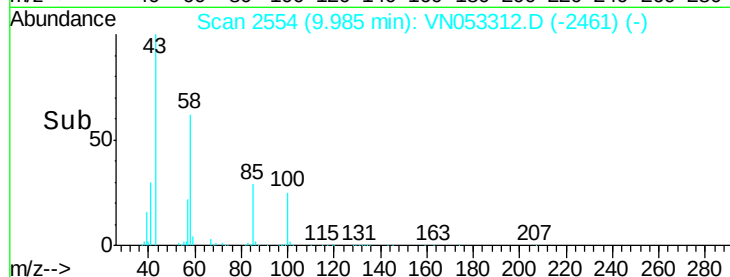
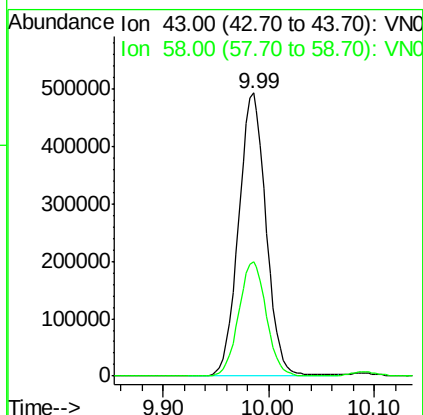
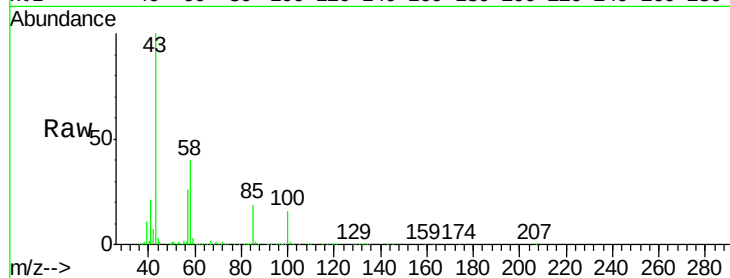




#51
4-Methyl-2-Pentanone
Concen: 98.556 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

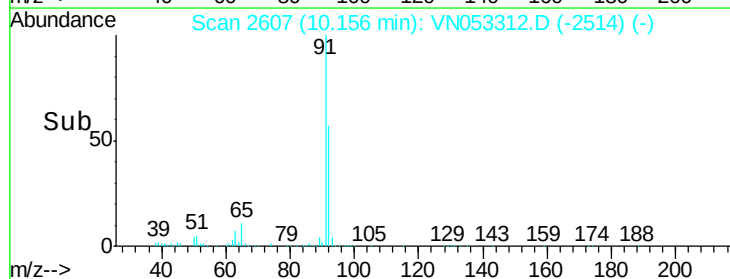
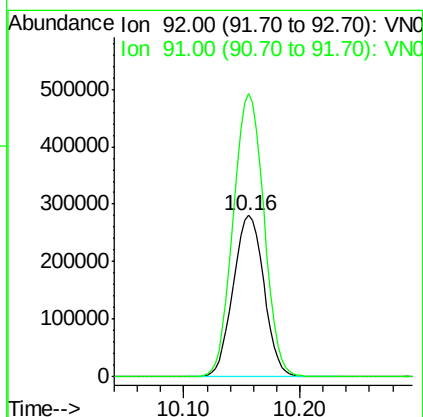
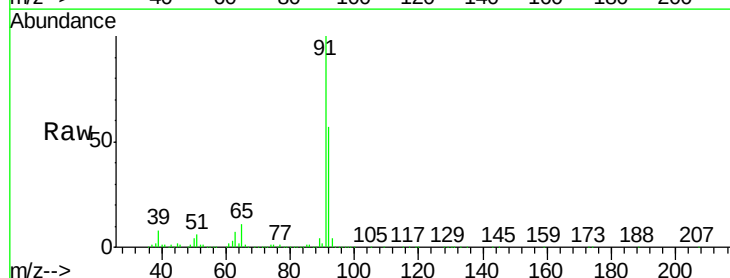
Instrument :
MSVOA_N
ClientSampled :
VN0108WBS01

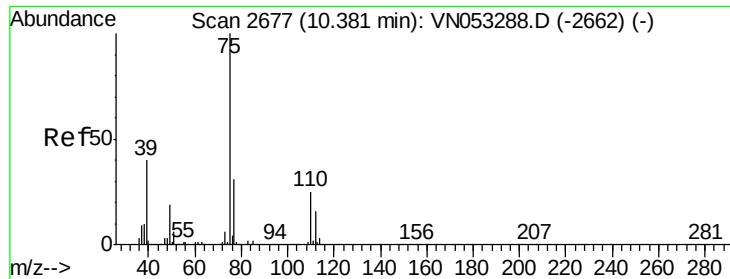
Tot Ion: 43 Resp: 884783
Ion Ratio Lower Upper
43 100
58 40.8 32.7 49.1



#52
Toluene
Concen: 19.745 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion: 92 Resp: 515496
Ion Ratio Lower Upper
92 100
91 174.6 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 19.319 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampled :

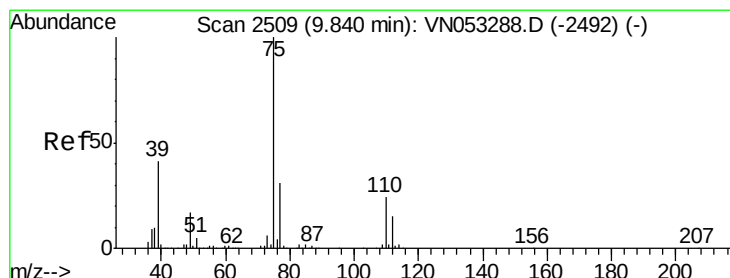
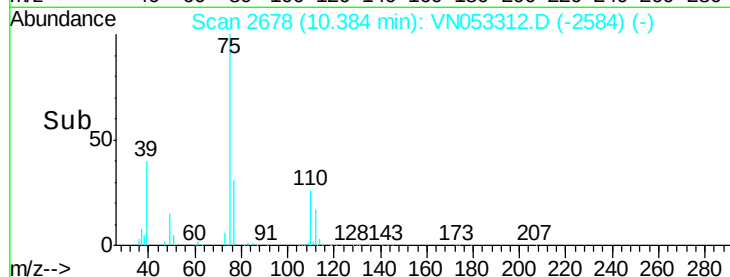
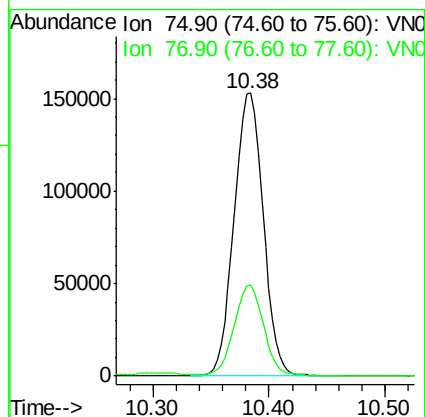
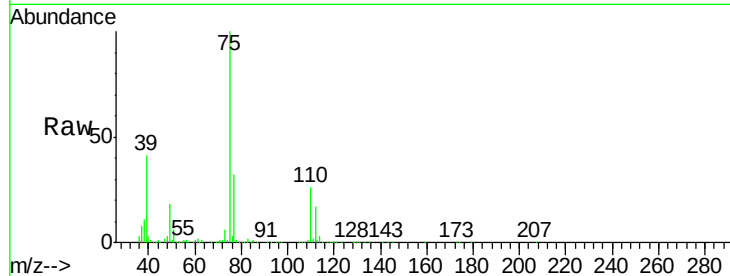
VN0108WBS01

Tot Ion: 75 Resp: 268027

Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 19.458 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

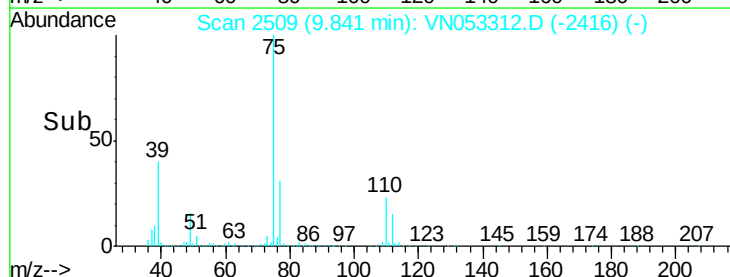
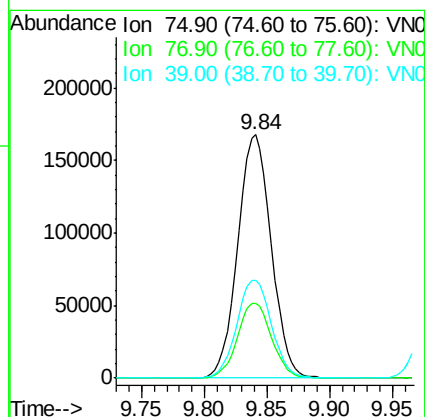
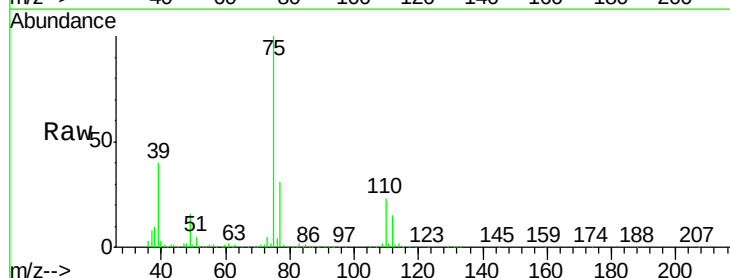
Tgt Ion: 75 Resp: 311955

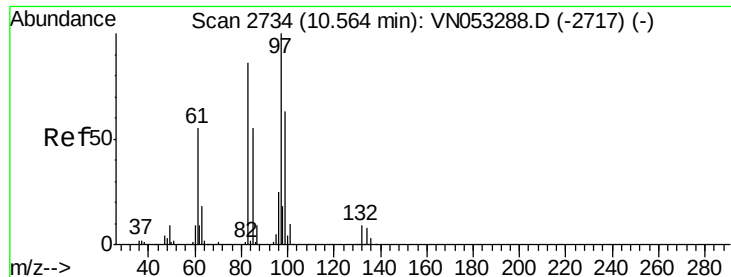
Ion Ratio Lower Upper

75 100

77 30.6 25.1 37.7

39 40.2 33.1 49.7





#55

1,1,2-Trichloroethane

Concen: 19.365 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0108WBS01

Tot Ion: 97 Resp: 185905

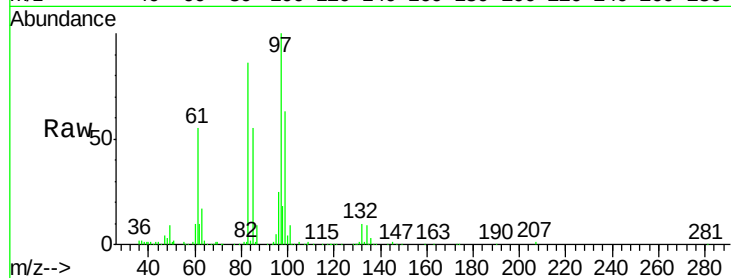
Ion Ratio Lower Upper

97 100

83 86.1 69.1 103.7

85 55.3 44.2 66.4

99 62.7 50.3 75.5

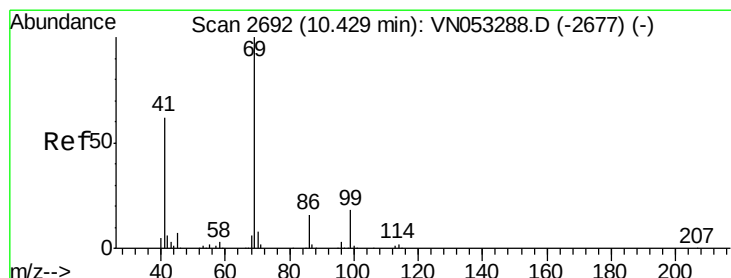
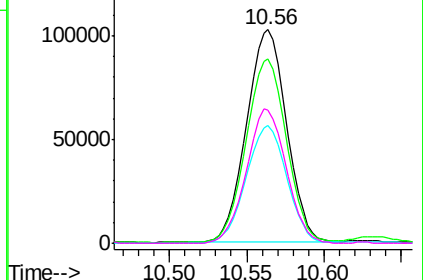
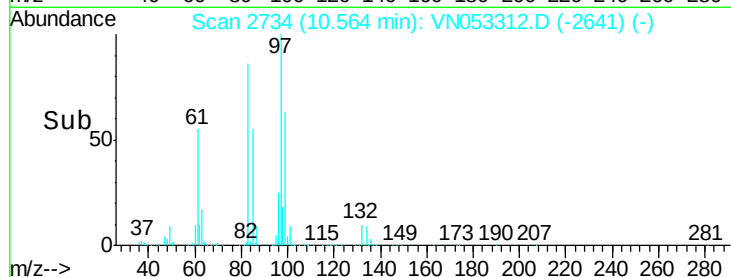


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 20.235 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

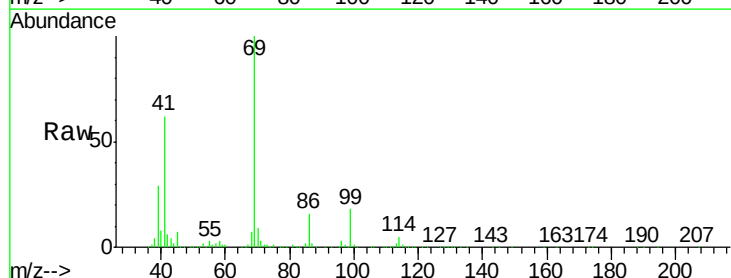
Tgt Ion: 69 Resp: 252442

Ion Ratio Lower Upper

69 100

41 60.9 49.2 73.8

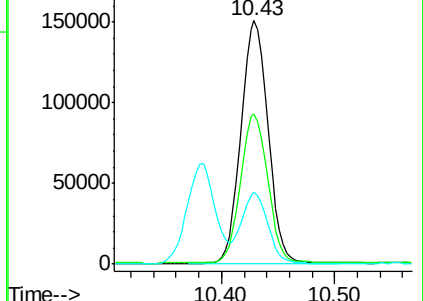
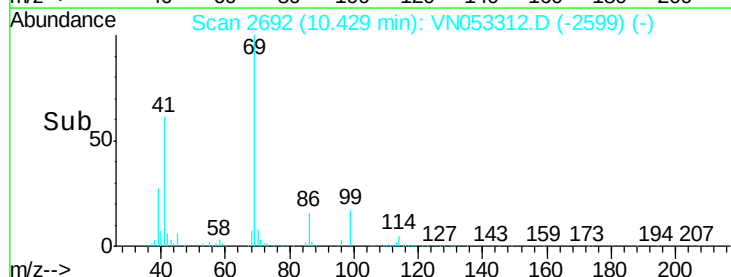
39 28.7 23.4 35.0

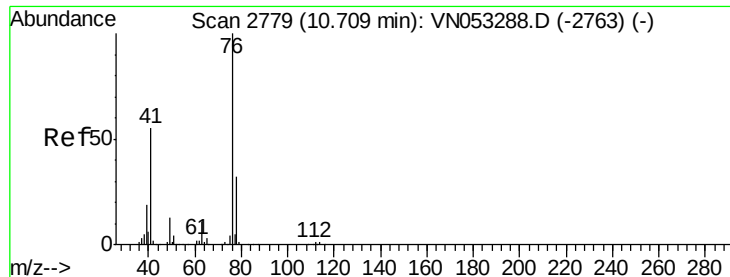


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.763 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

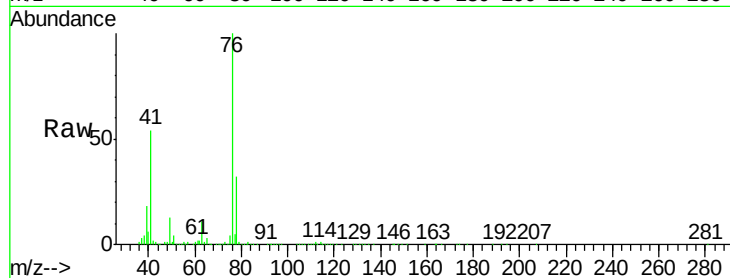
VN0108WBS01

Tot Ion: 76 Resp: 317280

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

200000

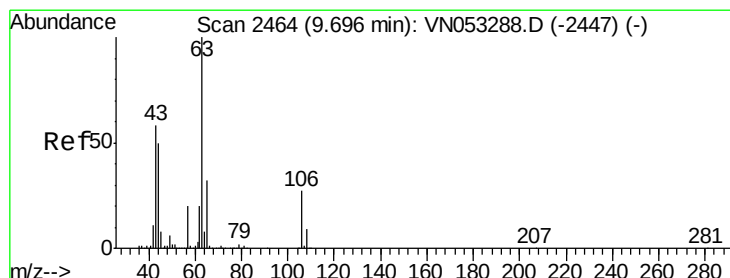
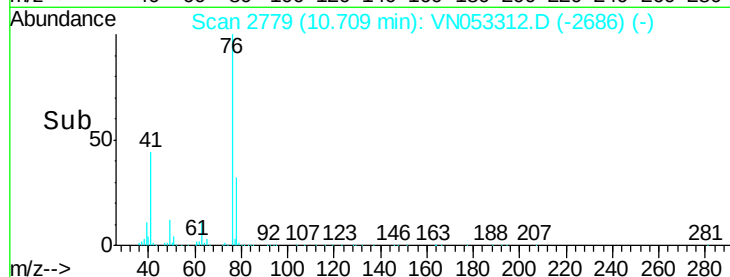
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 99.301 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN053312.D

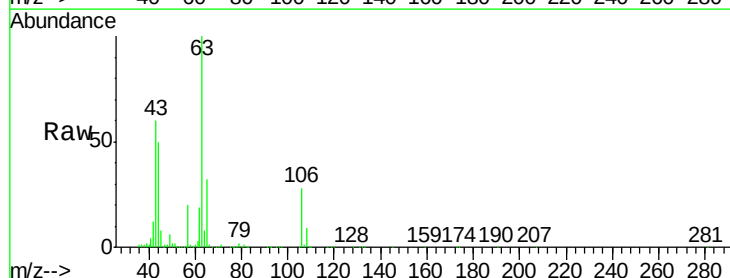
Acq: 8 Jan 2019 12:24

Tgt Ion: 63 Resp: 669726

Ion Ratio Lower Upper

63 100

106 27.5 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

400000

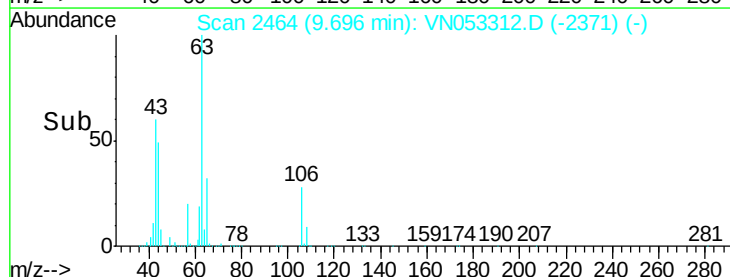
300000

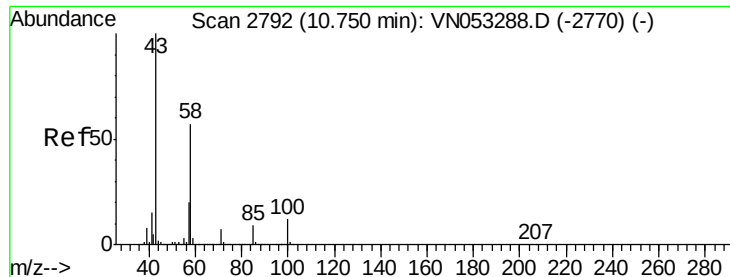
200000

100000

0

Time-->

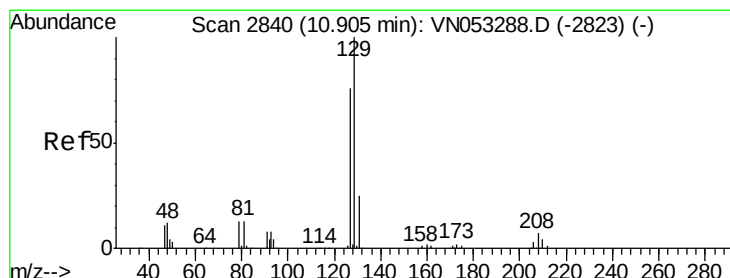
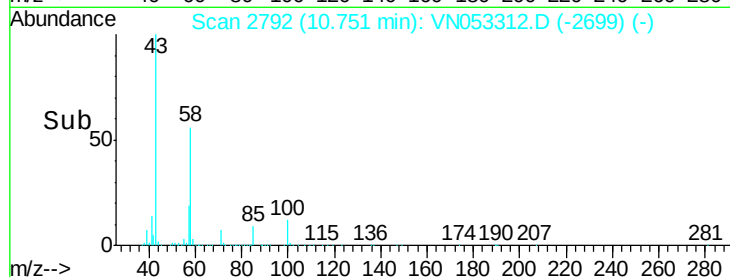
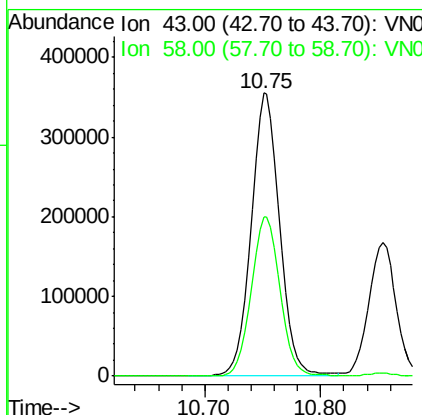
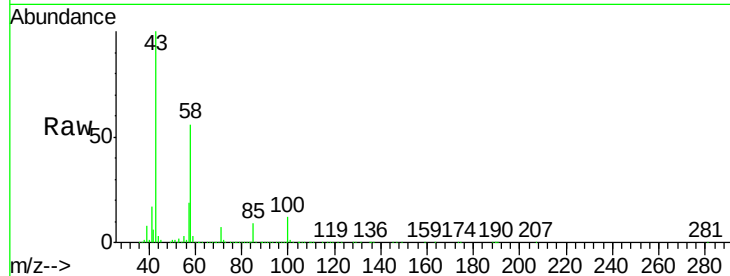




#59
2-Hexanone
Concen: 98.727 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

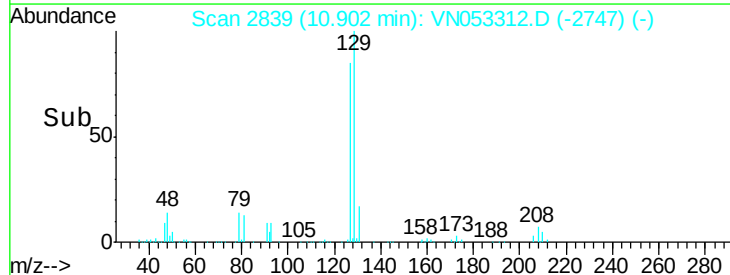
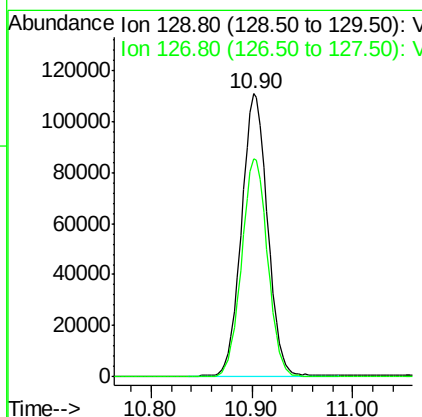
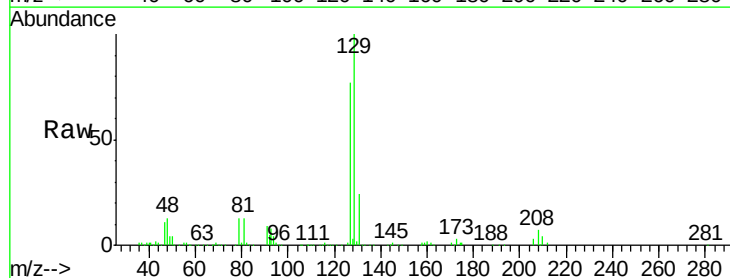
Instrument :
MSVOA_N
ClientSampleId :
VN0108WBS01

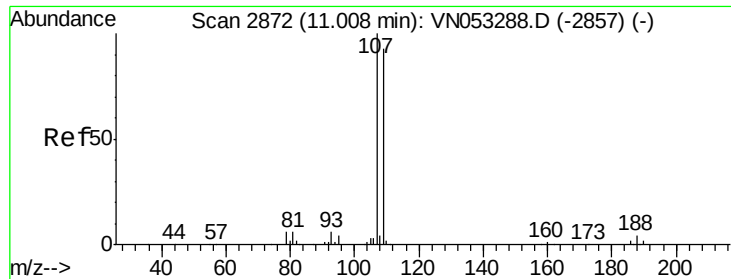
Tot Ion: 43 Resp: 607271
Ion Ratio Lower Upper
43 100
58 57.1 28.3 85.0



#60
Dibromochloromethane
Concen: 18.927 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion: 129 Resp: 195974
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.2

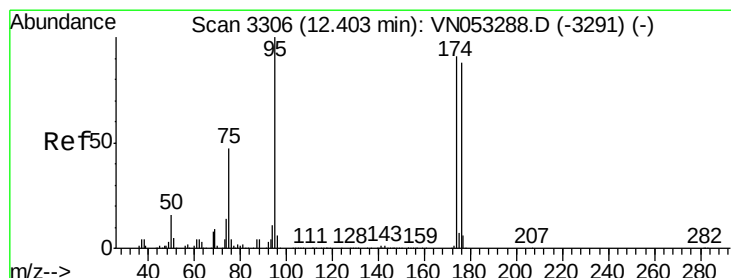
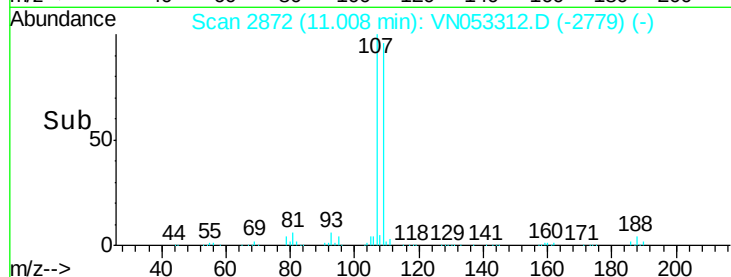
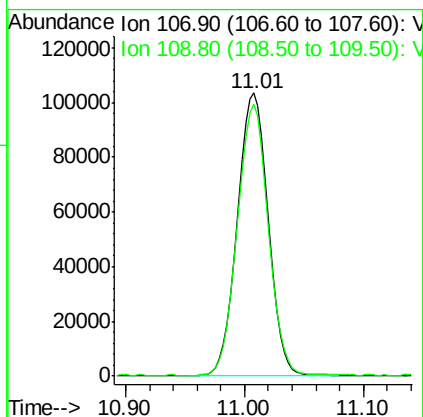
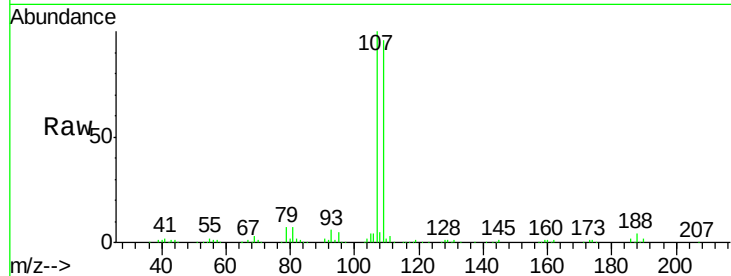




#61
 1,2-Dibromoethane
 Concen: 19.564 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

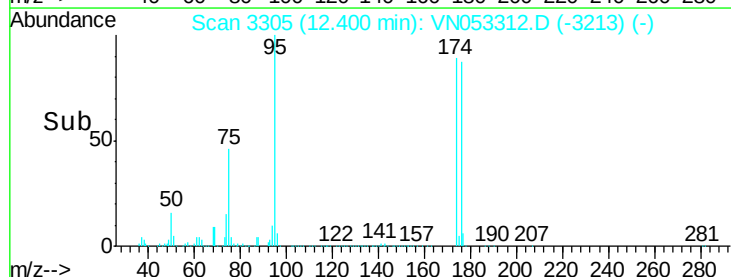
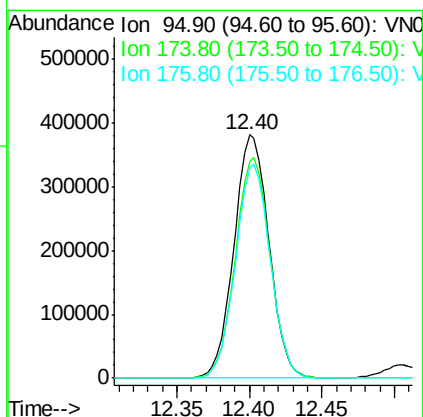
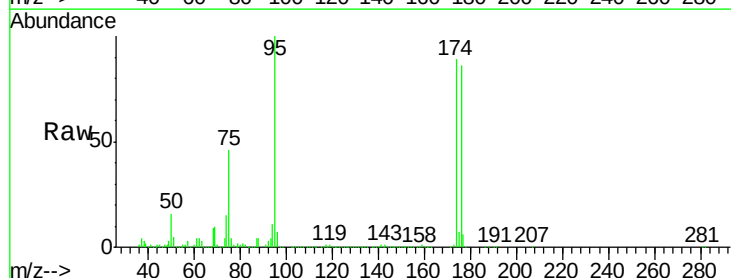
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0108WBS01

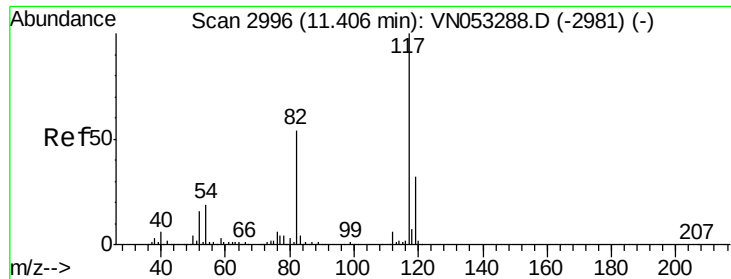
Tot Ion:107 Resp: 185339
 Ion Ratio Lower Upper
 107 100
 109 96.1 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 19.564 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Tgt Ion: 95 Resp: 633416
 Ion Ratio Lower Upper
 95 100
 174 90.7 0.0 180.4
 176 88.4 0.0 175.6

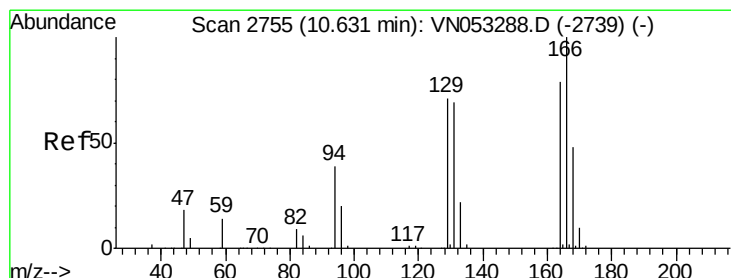
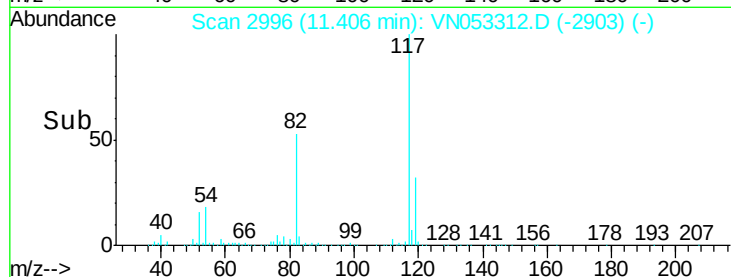
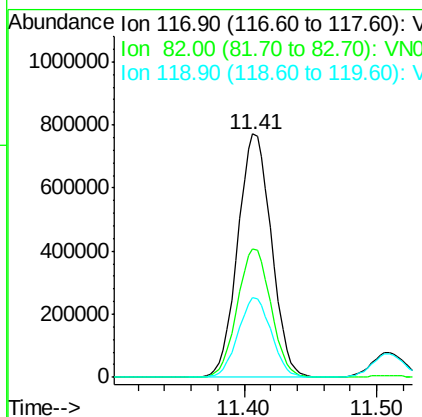
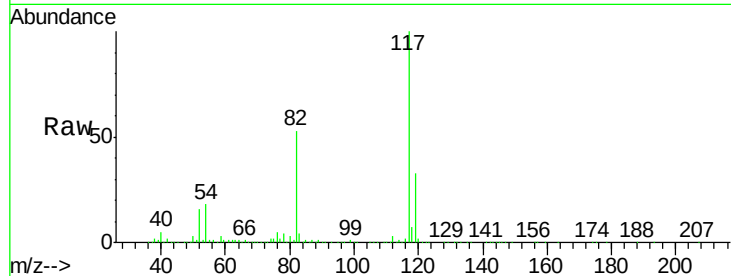




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

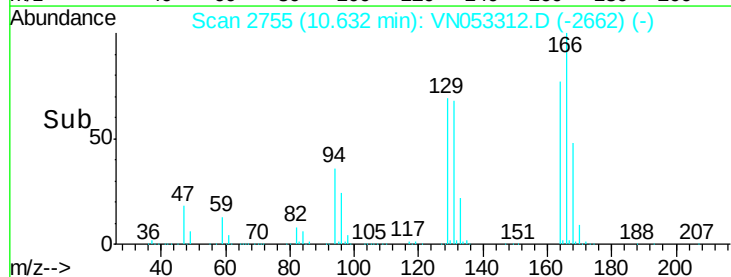
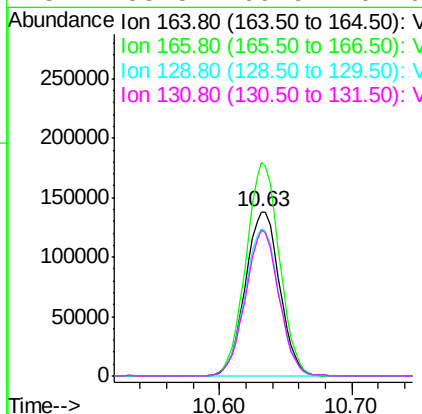
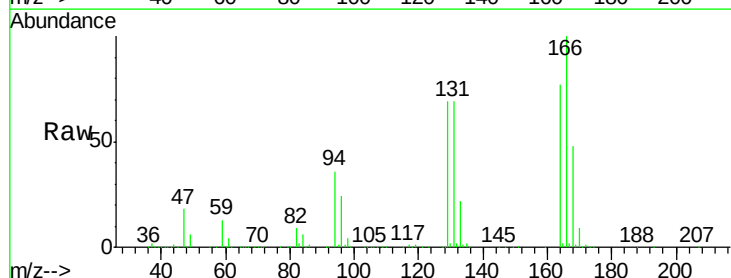
Instrument :
MSVOA_N
ClientSampled :
VN0108WBS01

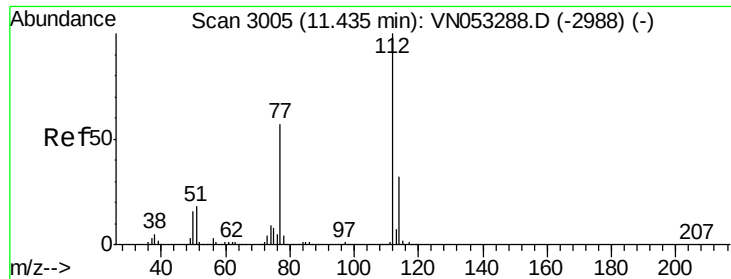
Tot Ion:117 Resp: 1354771
Ion Ratio Lower Upper
117 100
82 52.9 42.9 64.3
119 32.5 25.6 38.4



#64
Tetrachloroethene
Concen: 19.431 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion:164 Resp: 247769
Ion Ratio Lower Upper
164 100
166 130.0 101.7 152.5
129 89.7 72.1 108.1
131 88.8 69.9 104.9

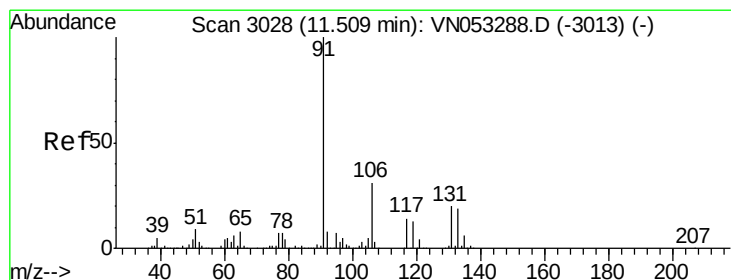
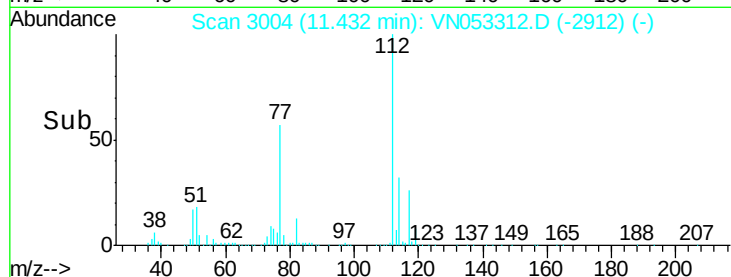
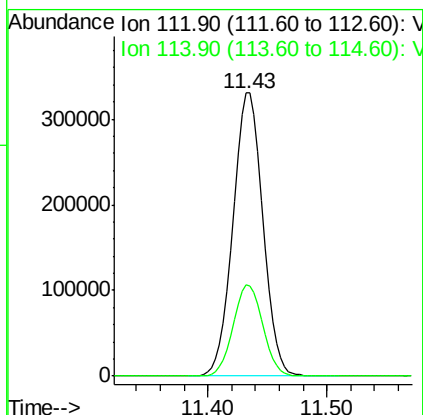
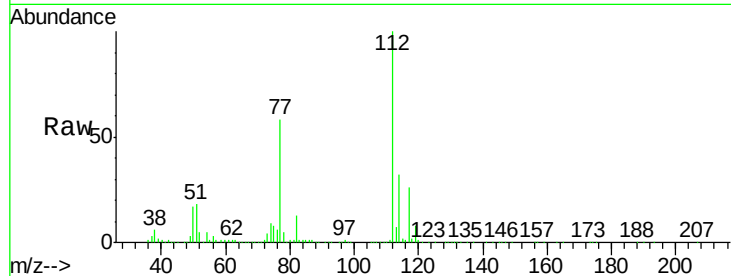




#65
Chlorobenzene
Concen: 19.544 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

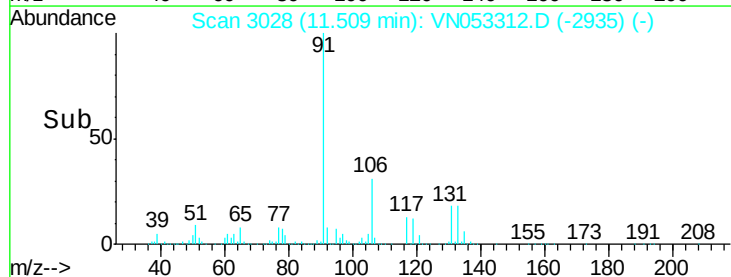
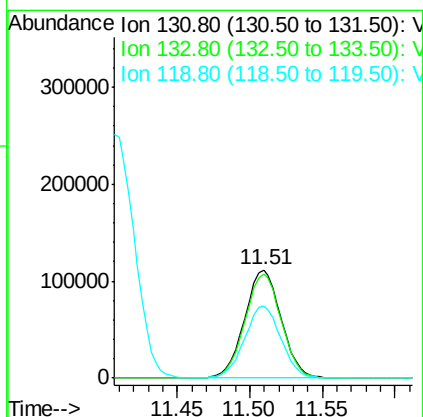
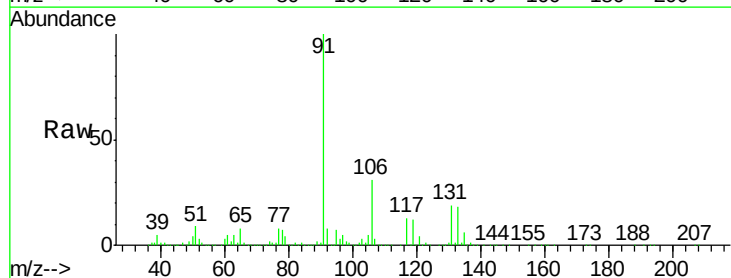
Instrument :
MSVOA_N
ClientSampleId :
VN0108WBS01

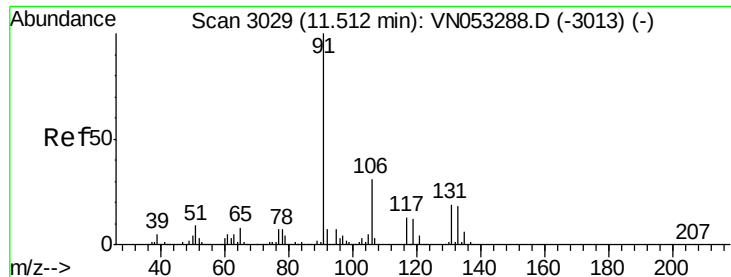
Tot Ion:112 Resp: 575182
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.820 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion:131 Resp: 193870
Ion Ratio Lower Upper
131 100
133 95.2 48.0 144.0
119 65.8 33.3 99.9

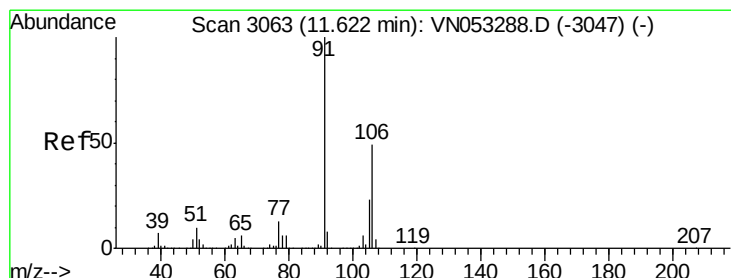
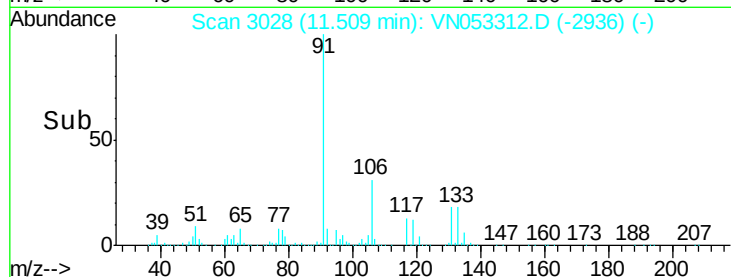
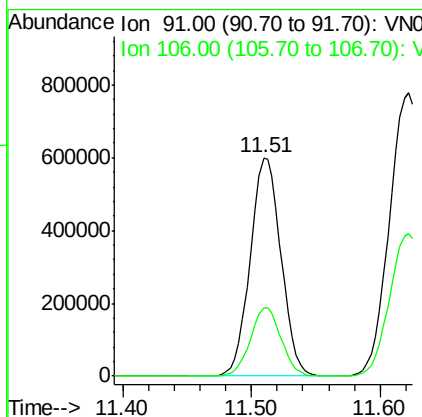
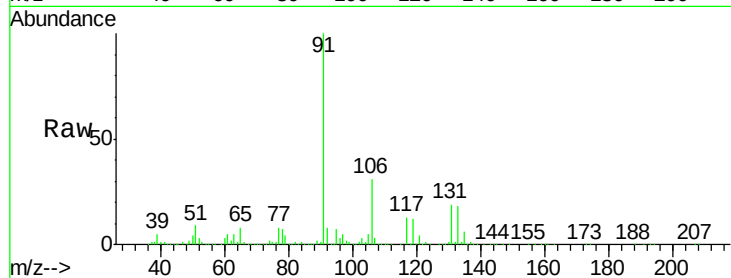




#67
Ethyl Benzene
Concen: 19.947 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

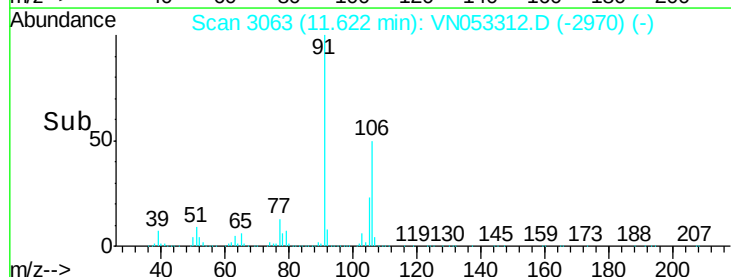
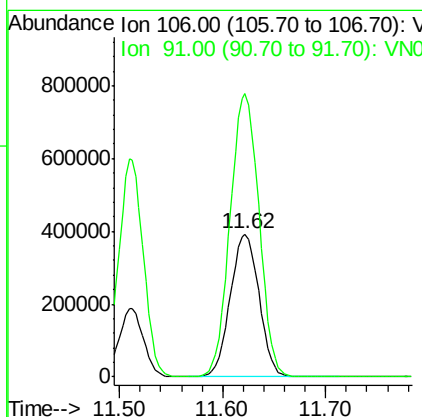
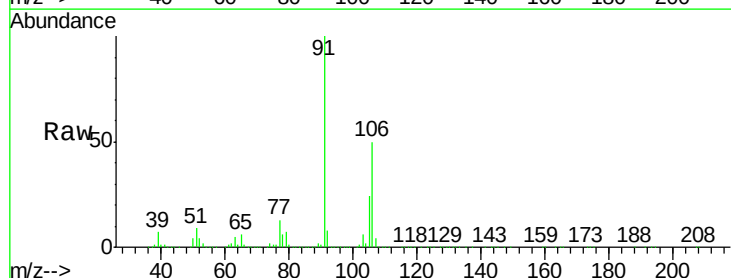
Instrument :
MSVOA_N
ClientSampled :
VN0108WBS01

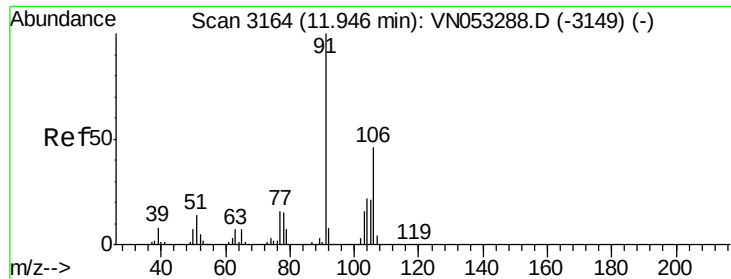
Tot Ion: 91 Resp: 997559
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.4



#68
m/p-Xylenes
Concen: 40.371 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion: 106 Resp: 759169
Ion Ratio Lower Upper
106 100
91 199.6 161.4 242.2

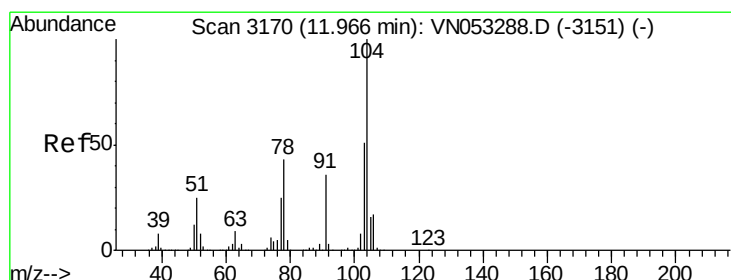
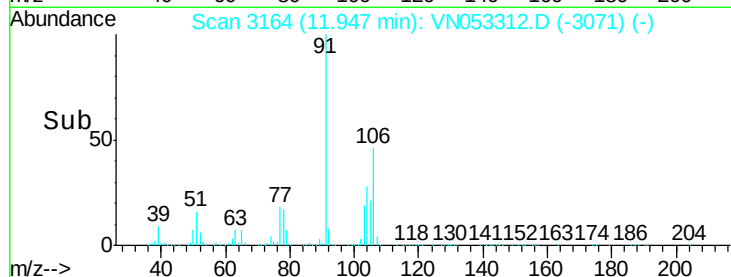
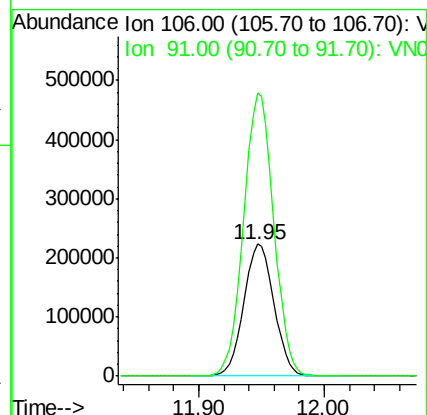
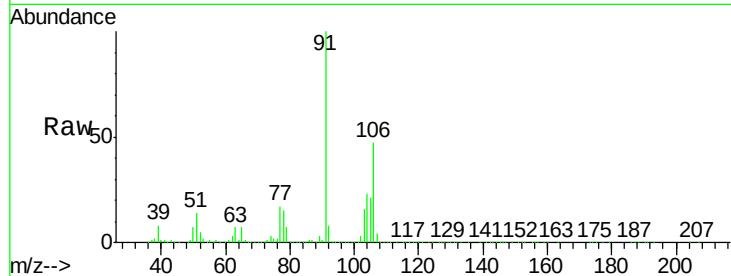




#69
o-Xylene
Concen: 20.243 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

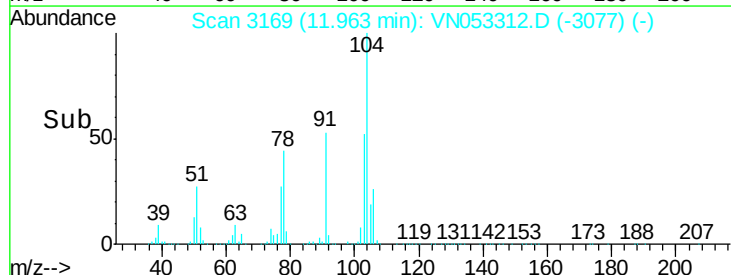
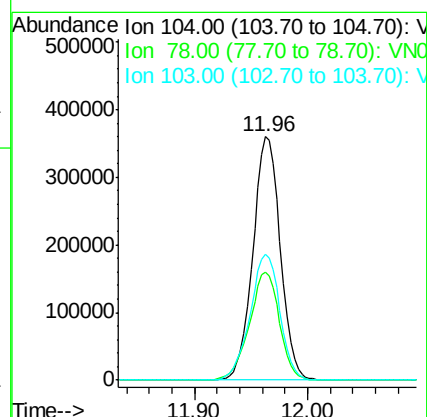
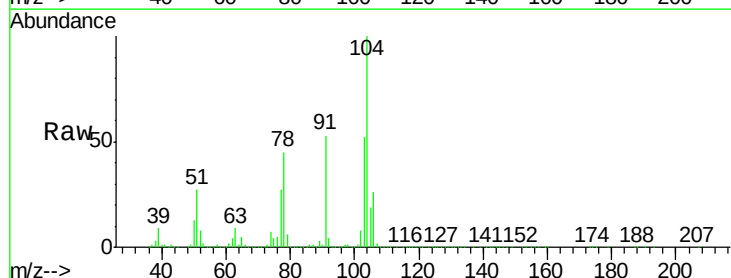
Instrument :
MSVOA_N
ClientSampled :
VN0108WBS01

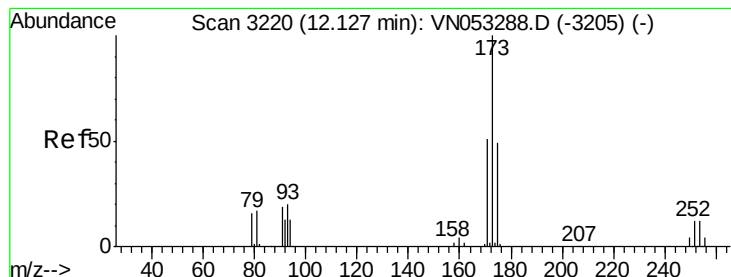
Tot Ion:106 Resp: 372678
Ion Ratio Lower Upper
106 100
91 212.6 106.8 320.4



#70
Styrene
Concen: 20.190 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion:104 Resp: 604943
Ion Ratio Lower Upper
104 100
78 48.7 38.5 57.7
103 56.3 44.5 66.7





#71

Bromoform

Concen: 18.602 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampled :

VN0108WBS01

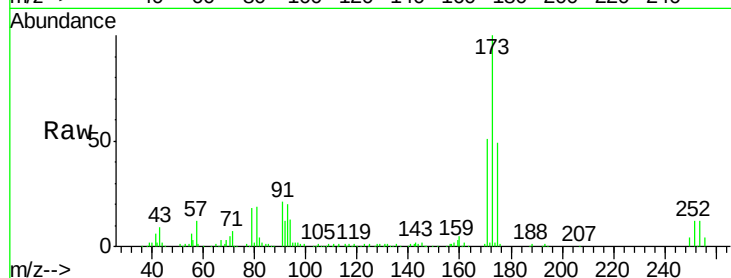
Tot Ion:173 Resp: 135349

Ion Ratio Lower Upper

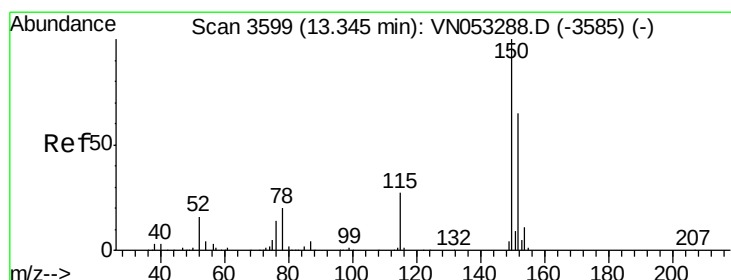
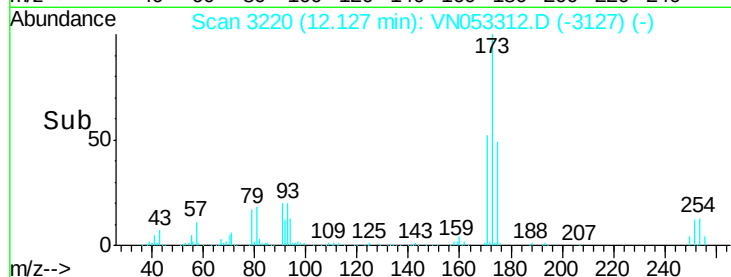
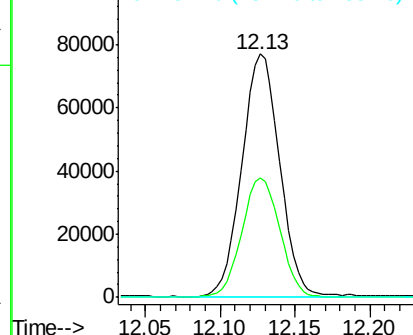
173 100

175 49.7 24.3 72.8

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

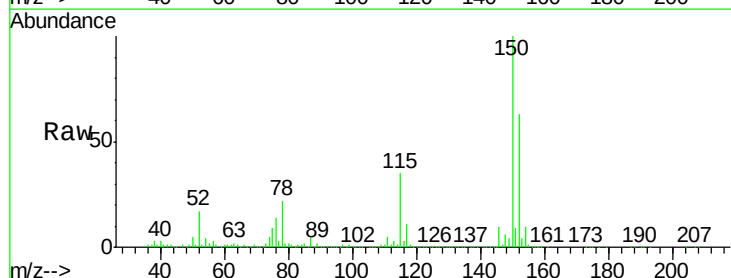
Tgt Ion:152 Resp: 639746

Ion Ratio Lower Upper

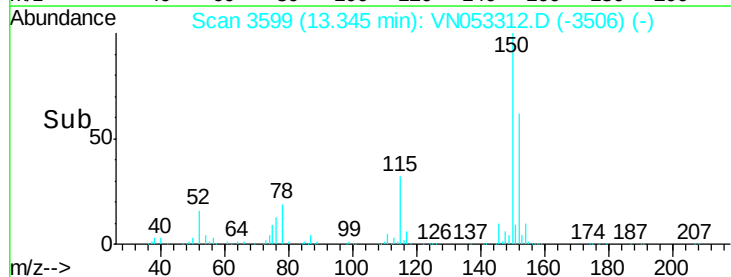
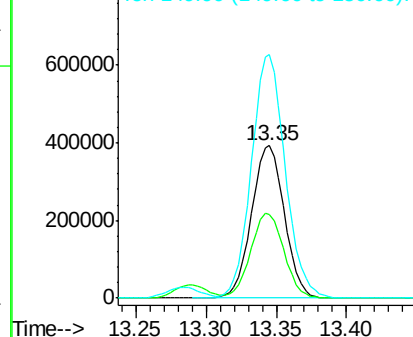
152 100

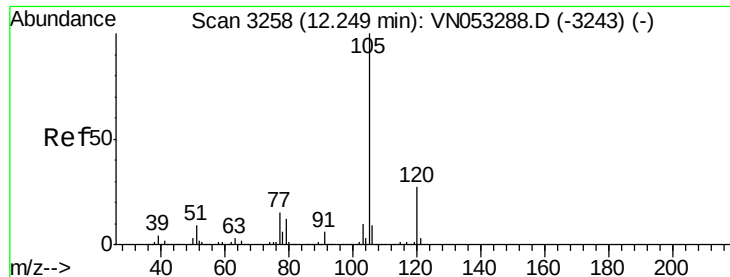
115 56.0 28.0 84.0

150 164.4 0.0 346.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.193 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

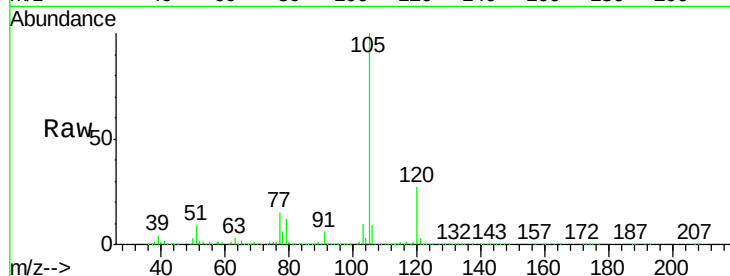
VN0108WBS01

Tot Ion:105 Resp: 961831

Ion Ratio Lower Upper

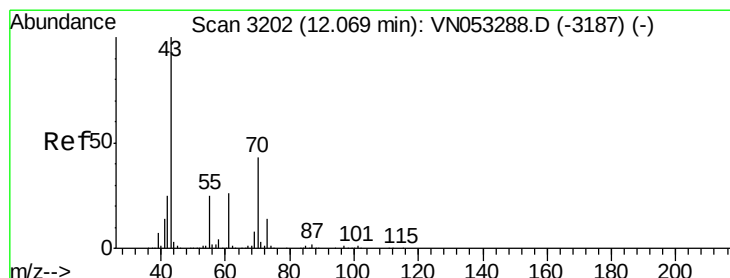
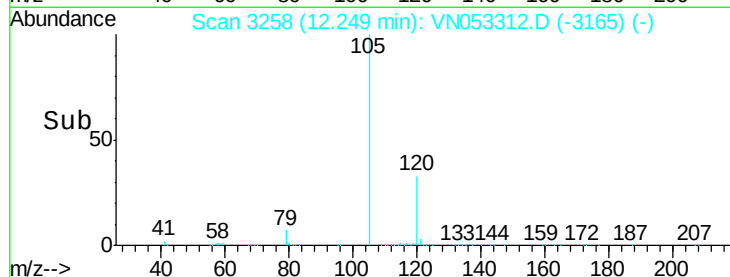
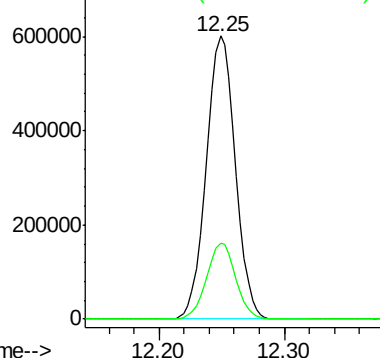
105 100

120 27.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.196 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Tgt Ion: 43 Resp: 301465

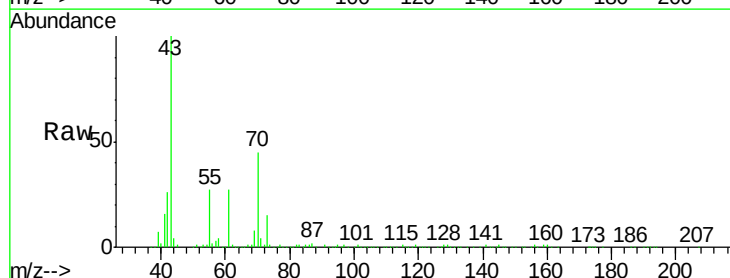
Ion Ratio Lower Upper

43 100

70 43.0 35.0 52.6

55 25.1 20.0 30.0

61 25.0 20.3 30.5

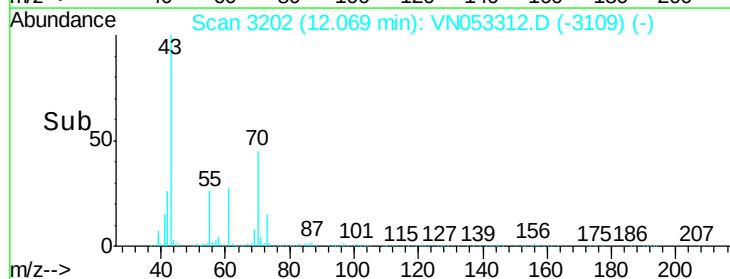
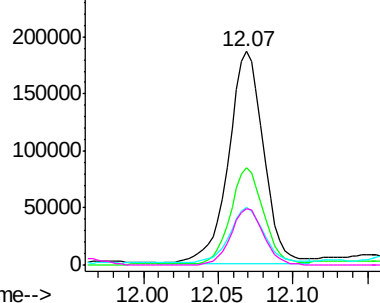


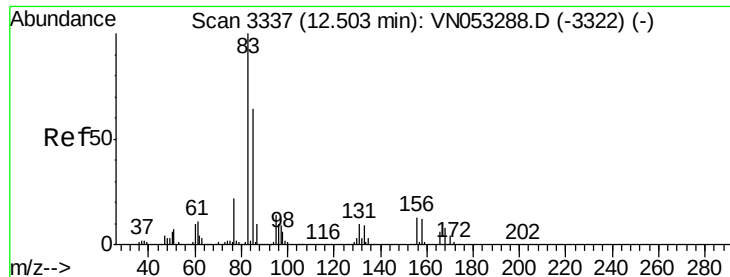
Abundance Ion 43.00 (42.70 to 43.70): V

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: 19.830 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0108WBS01

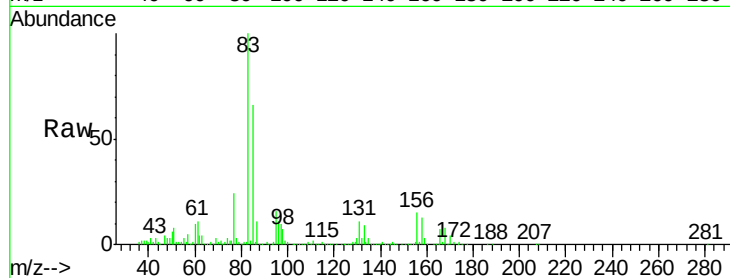
Tot Ion: 83 Resp: 217274

Ion Ratio Lower Upper

83 100

131 11.4 5.3 15.9

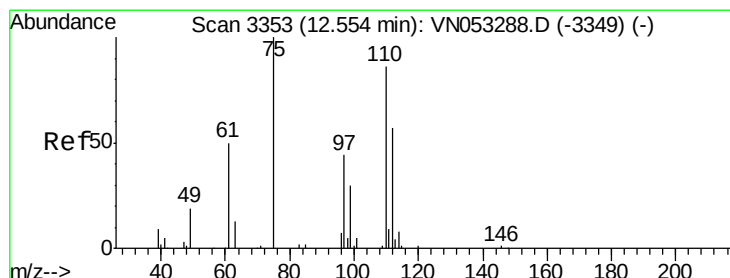
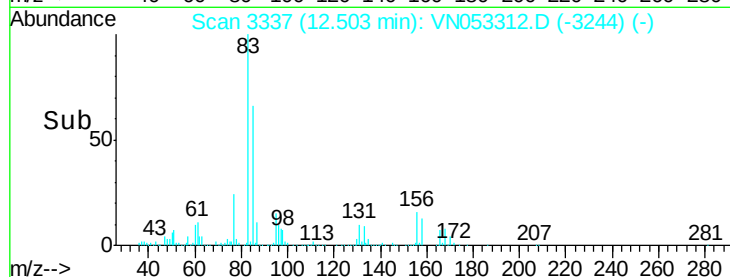
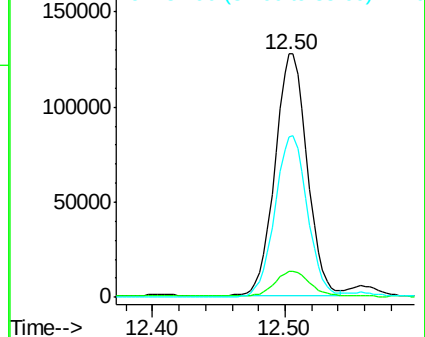
85 66.8 32.3 96.8



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: 30.707 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053312.D

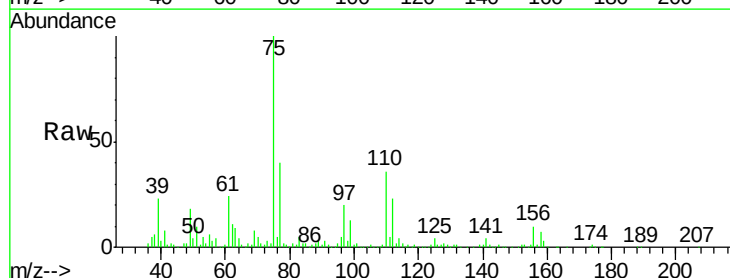
Acq: 8 Jan 2019 12:24

Tgt Ion: 75 Resp: 286530

Ion Ratio Lower Upper

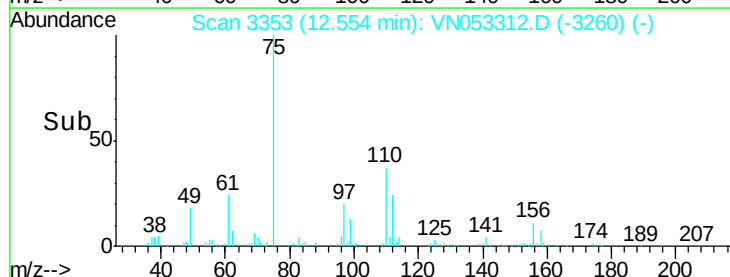
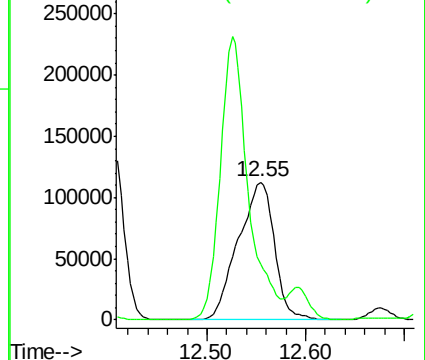
75 100

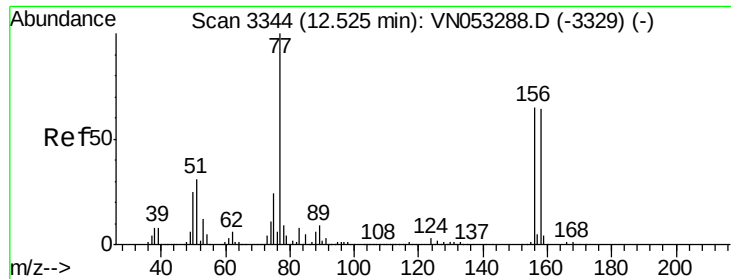
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 22.394 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0108WBS01

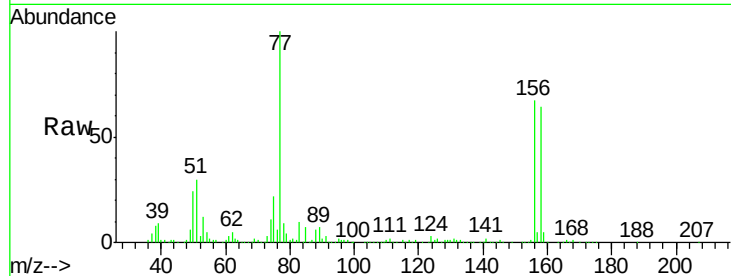
Tot Ion:156 Resp: 284688

Ion Ratio Lower Upper

156 100

77 160.5 89.3 268.1

158 88.7 48.9 146.8



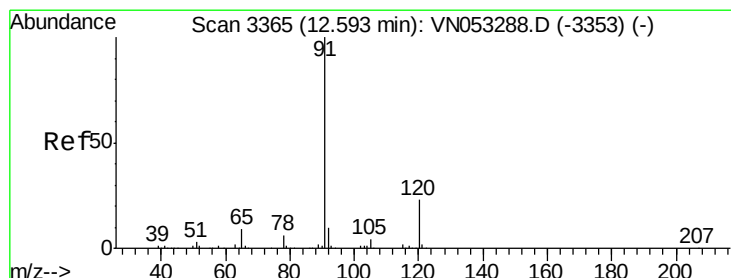
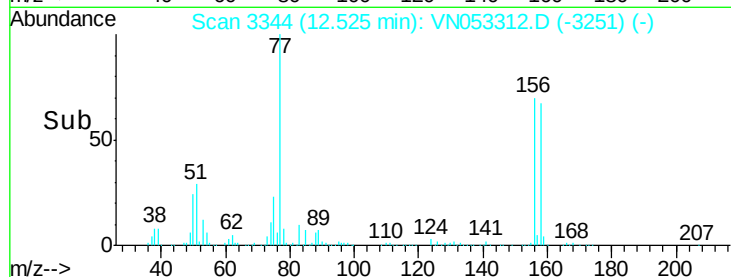
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

12.53

Time-->



#78

n-propylbenzene

Concen: 20.173 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053312.D

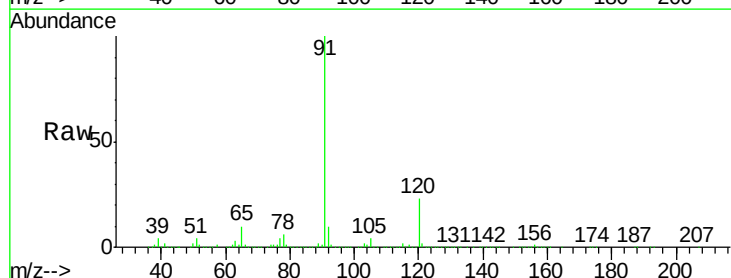
Acq: 8 Jan 2019 12:24

Tgt Ion: 91 Resp: 1086867

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.5

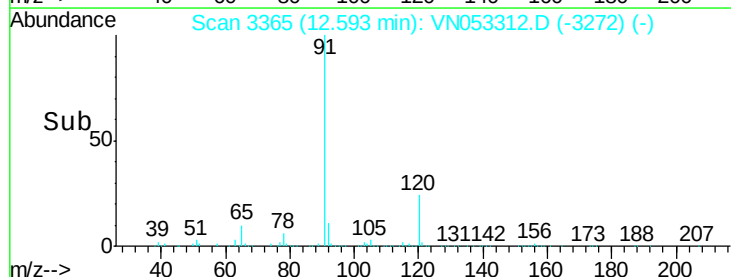


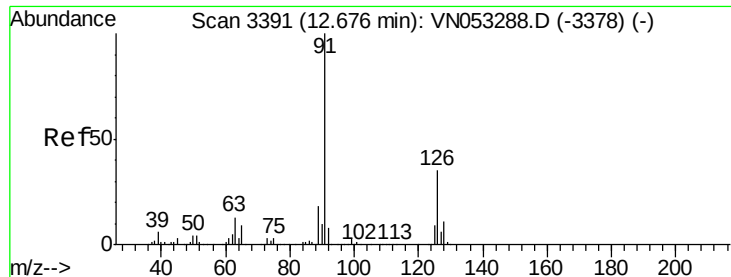
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

12.59

Time-->





#79

2-Chlorotoluene

Concen: 20.197 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

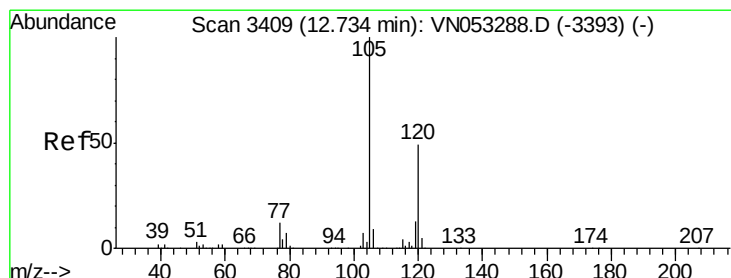
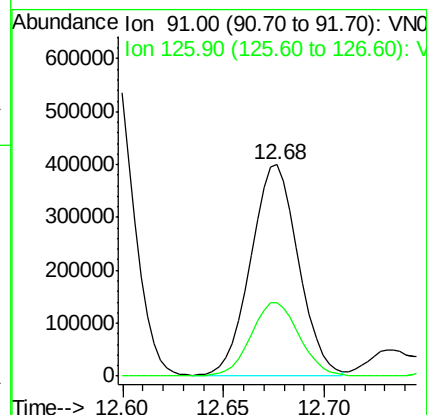
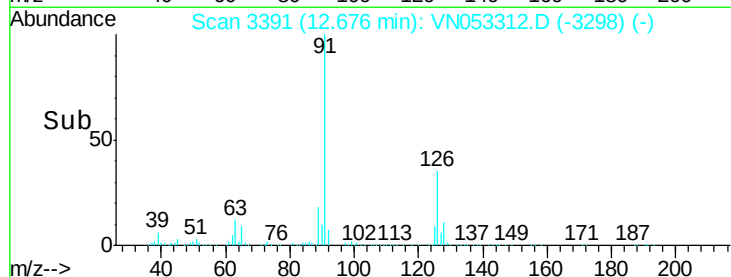
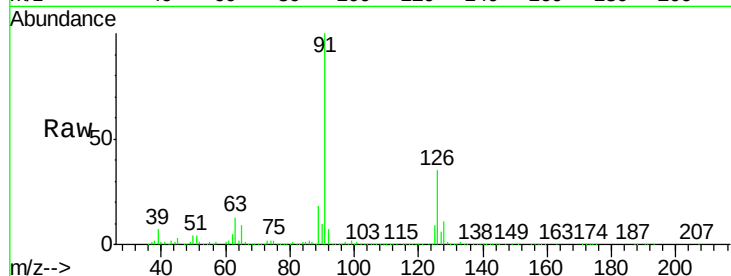
VN0108WBS01

Tot Ion: 91 Resp: 658444

Ion Ratio Lower Upper

91 100

126 35.4 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 20.260 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053312.D

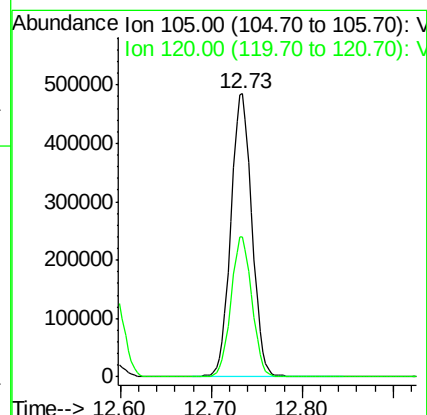
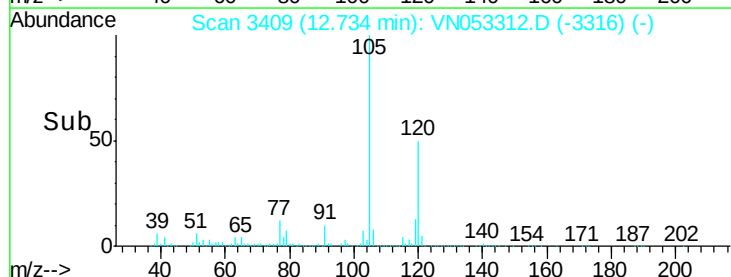
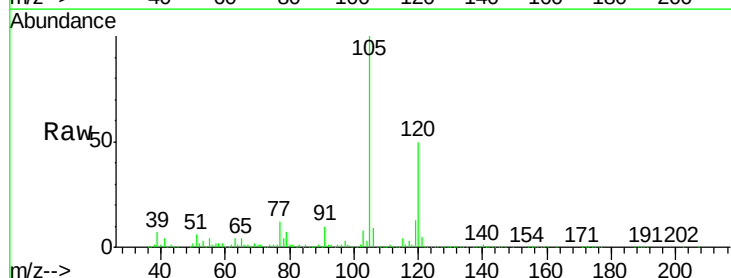
Acq: 8 Jan 2019 12:24

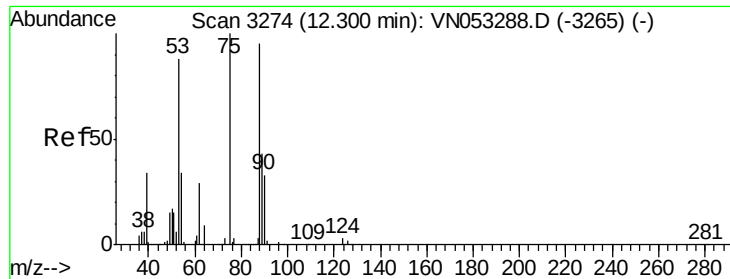
Tgt Ion: 105 Resp: 777316

Ion Ratio Lower Upper

105 100

120 48.8 24.7 74.1

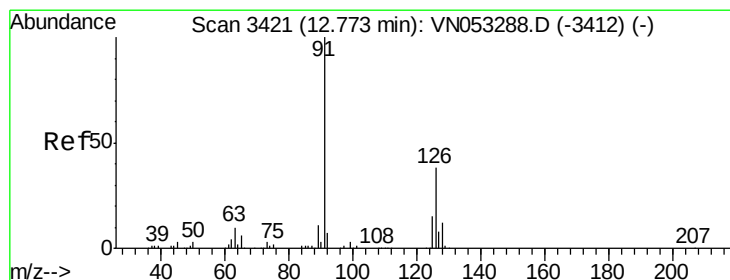
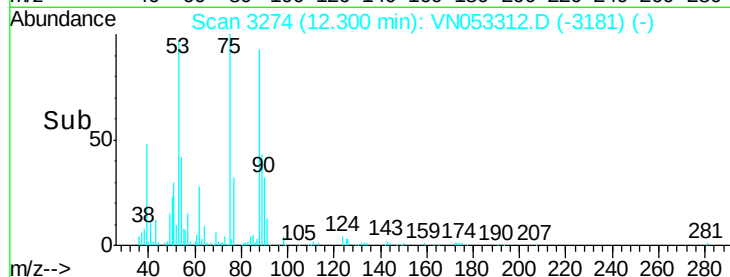
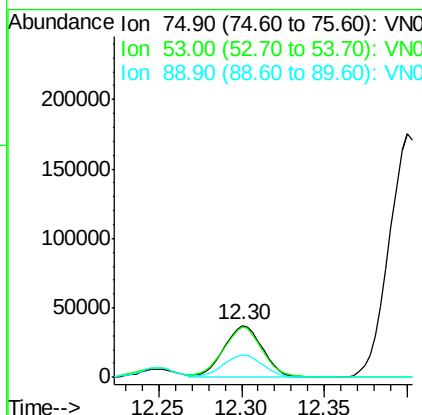
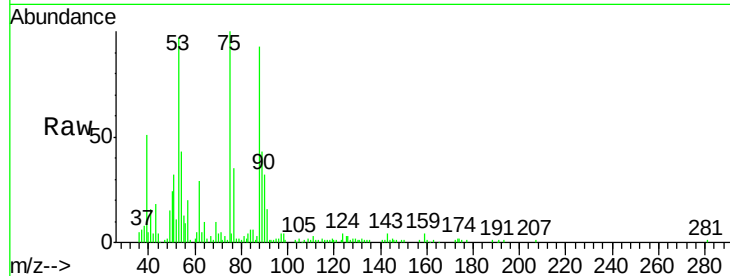




#81
trans-1,4-Dichloro-2-butene
Concen: 19.076 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

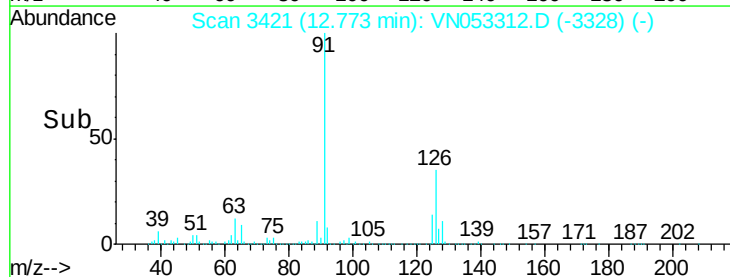
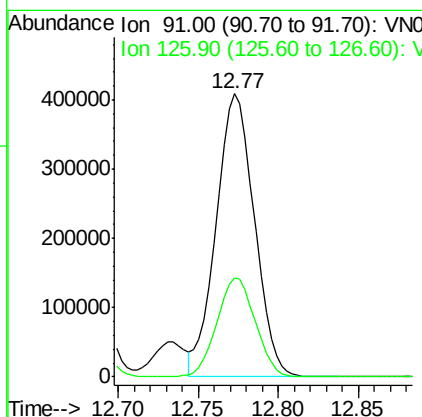
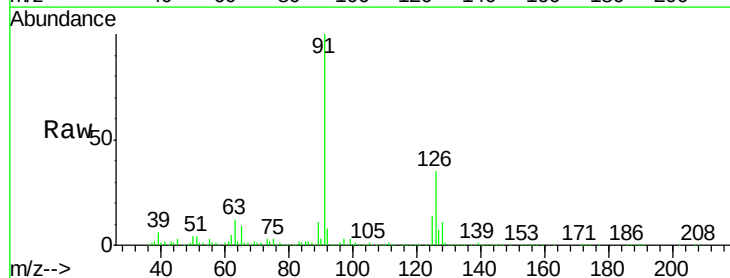
Instrument :
MSVOA_N
ClientSampleId :
VN0108WBS01

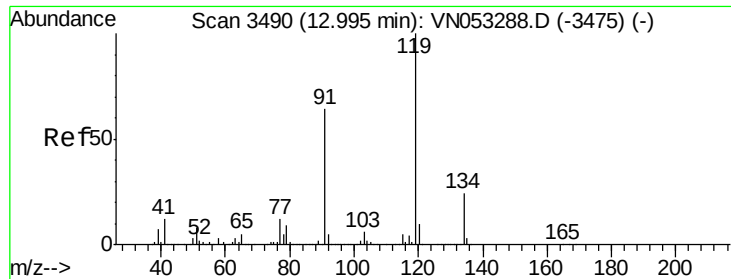
Tot Ion: 75 Resp: 60499
Ion Ratio Lower Upper
75 100
53 97.0 70.5 105.7
89 44.4 35.4 53.0



#82
4-Chlorotoluene
Concen: 19.990 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion: 91 Resp: 668249
Ion Ratio Lower Upper
91 100
126 35.2 17.4 52.2

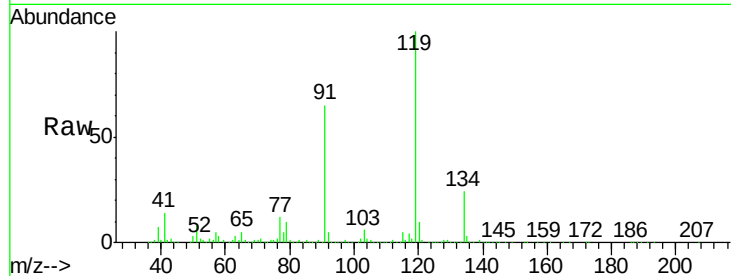




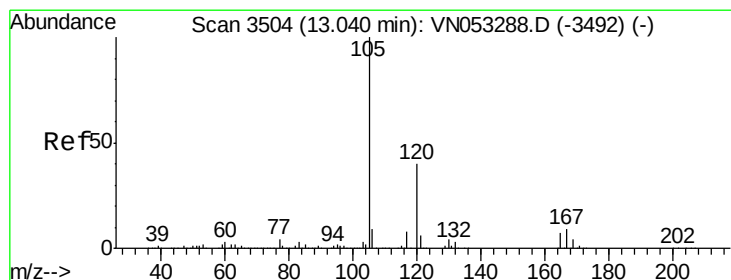
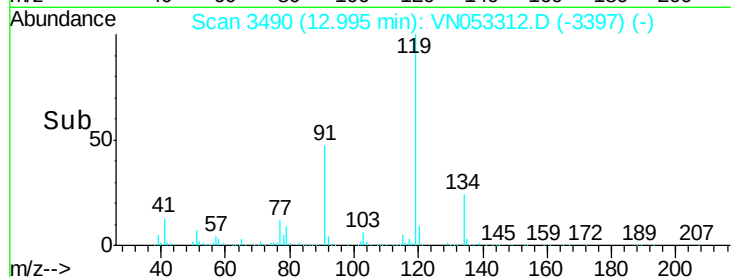
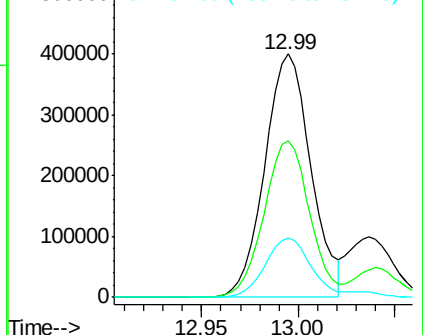
#83
 tert-Butylbenzene
 Concen: 19.745 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Instrument :
 MSVOA_N
 ClientSampled :
 VN0108WBS01

Tot Ion:119 Resp: 664642
 Ion Ratio Lower Upper
 119 100
 91 63.4 31.6 95.0
 134 24.3 12.9 38.6

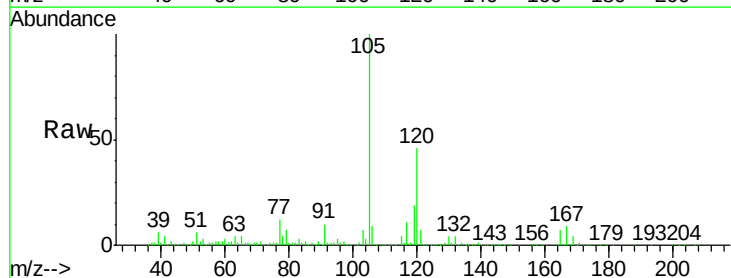


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

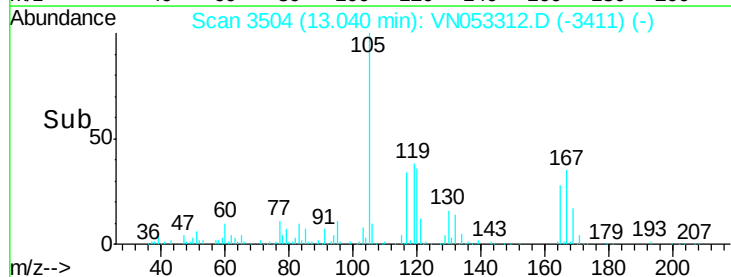
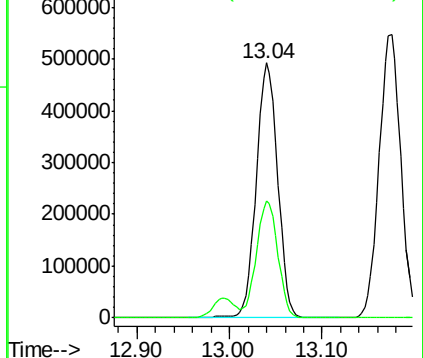


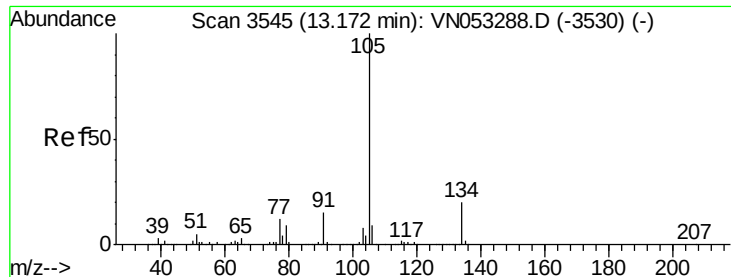
#84
 1,2,4-Trimethylbenzene
 Concen: 20.139 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Tgt Ion:105 Resp: 787164
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.805 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

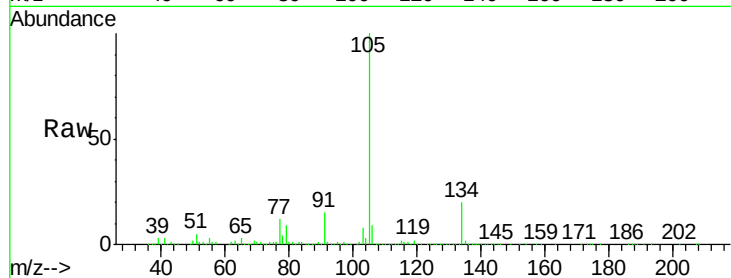
VN0108WBS01

Tot Ion:105 Resp: 879193

Ion Ratio Lower Upper

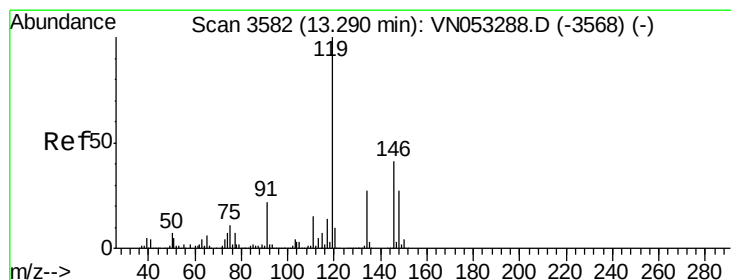
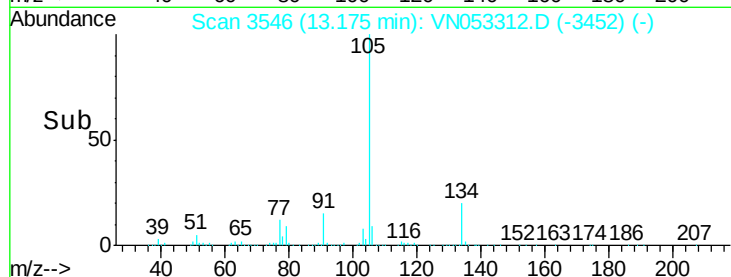
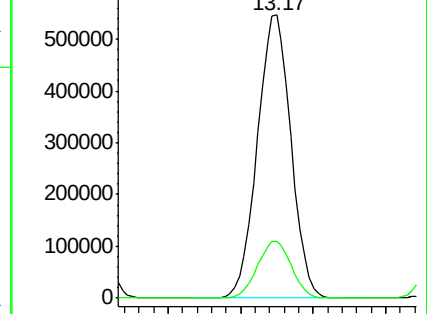
105 100

134 20.6 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.034 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

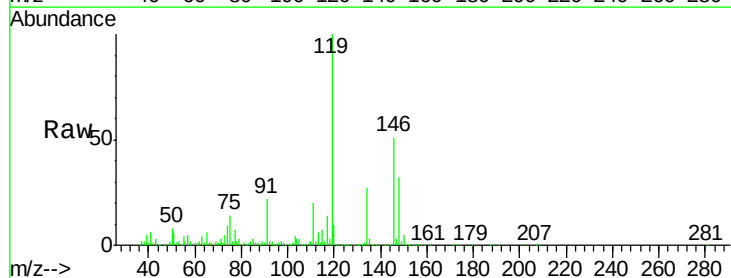
Tgt Ion:119 Resp: 770044

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

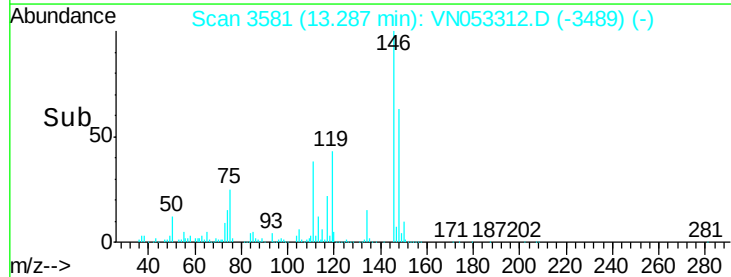
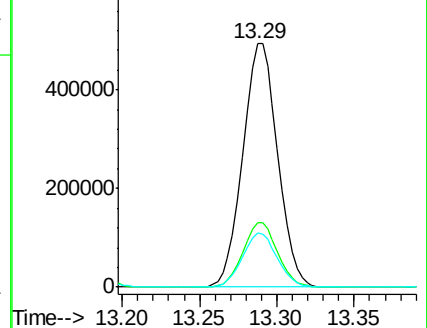
91 21.6 11.1 33.1

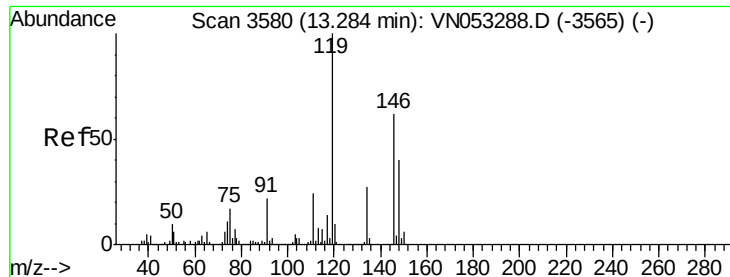


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.621 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0108WBS01

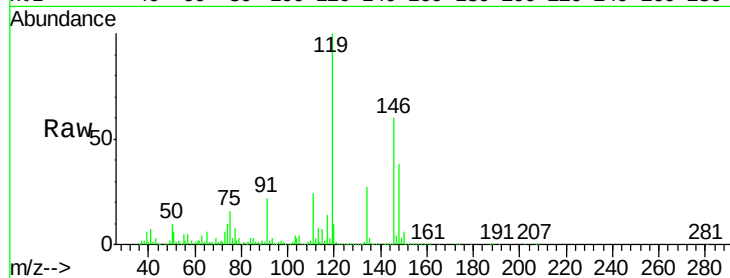
Tot Ion:146 Resp: 439257

Ion Ratio Lower Upper

146 100

111 38.7 18.9 56.5

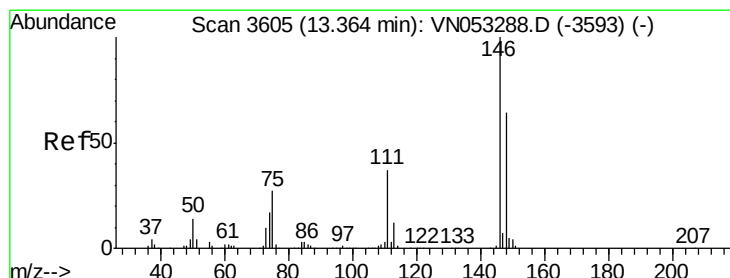
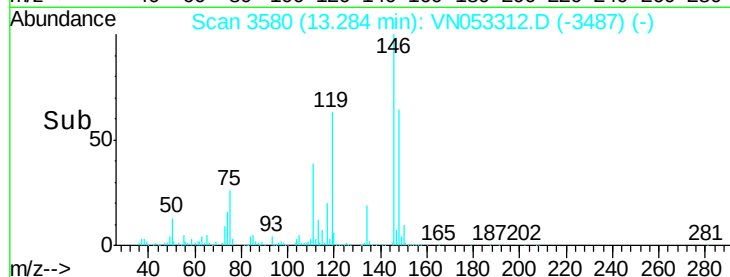
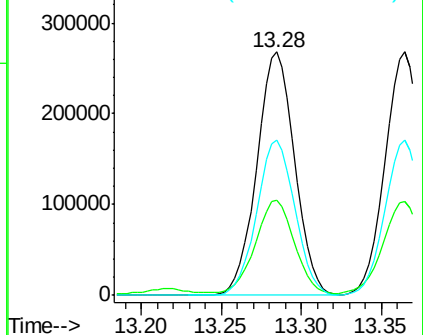
148 64.1 32.0 96.2



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: 19.669 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

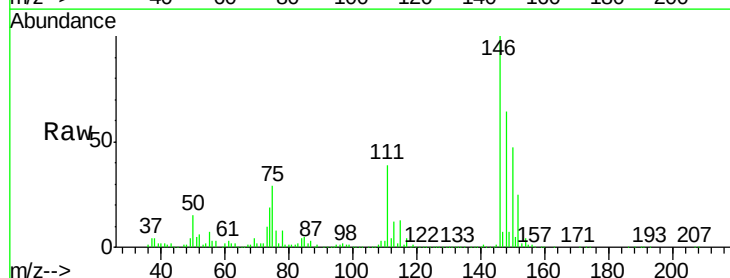
Tgt Ion:146 Resp: 436785

Ion Ratio Lower Upper

146 100

111 39.2 18.6 55.8

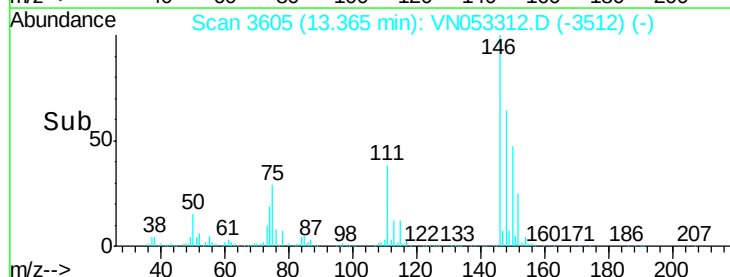
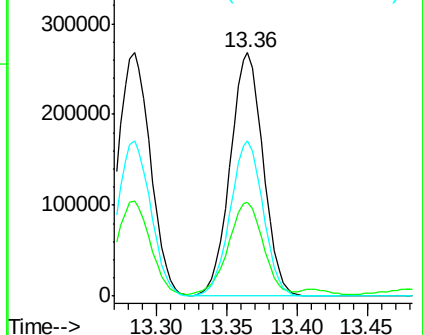
148 64.0 32.0 96.0

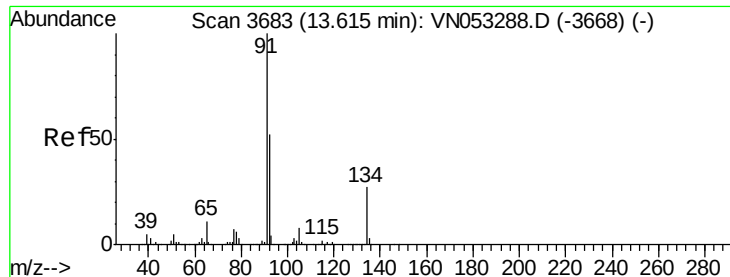


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.040 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampled :

VN0108WBS01

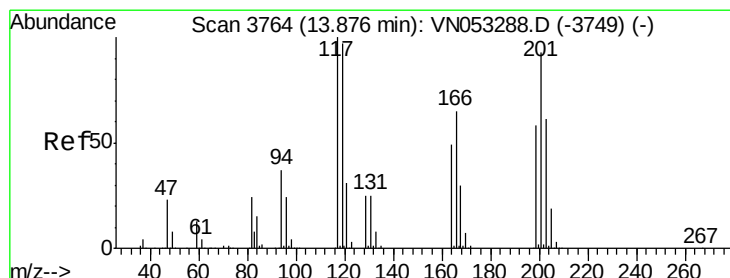
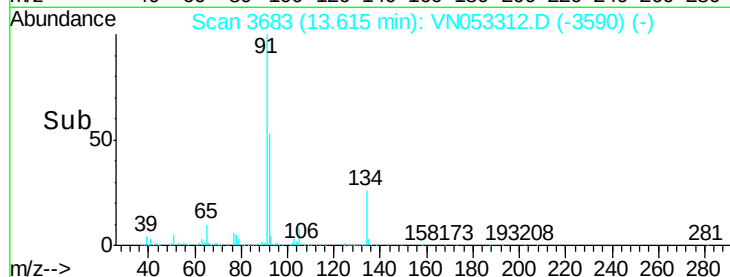
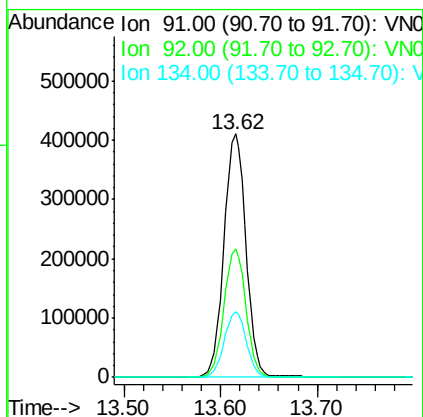
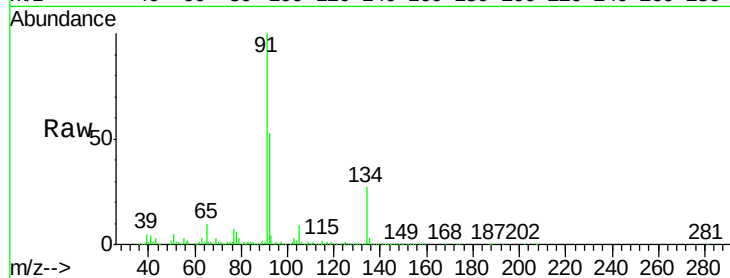
Tot Ion: 91 Resp: 645791

Ion Ratio Lower Upper

91 100

92 52.6 26.3 78.8

134 27.1 13.5 40.5



#90

Hexachloroethane

Concen: 17.116 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN053312.D

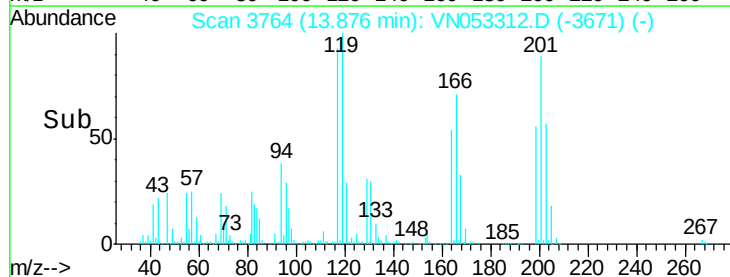
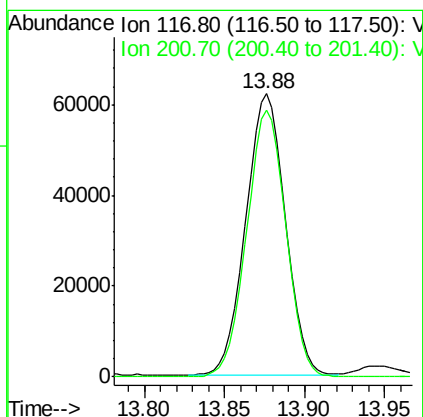
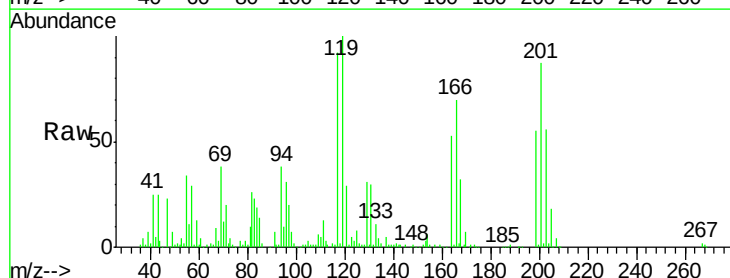
Acq: 8 Jan 2019 12:24

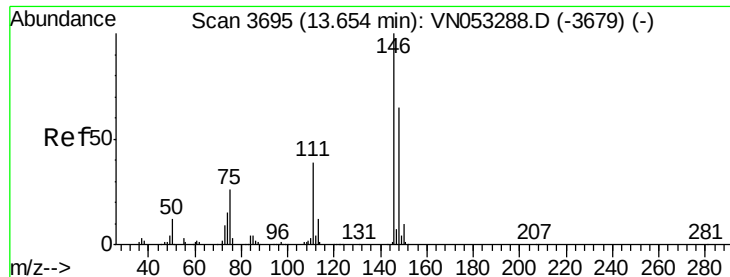
Tgt Ion: 117 Resp: 105444

Ion Ratio Lower Upper

117 100

201 93.7 46.1 138.3

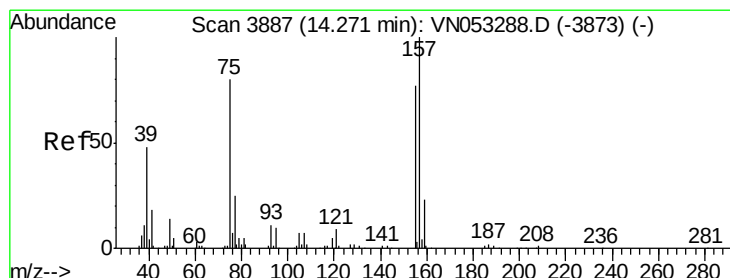
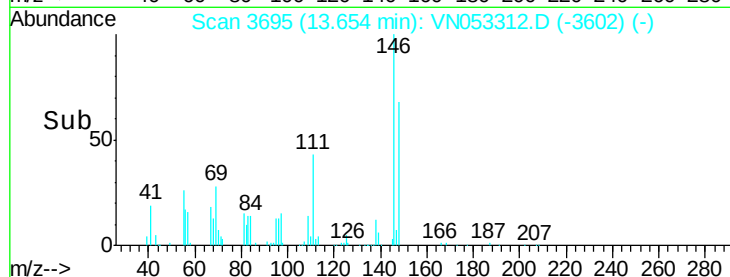
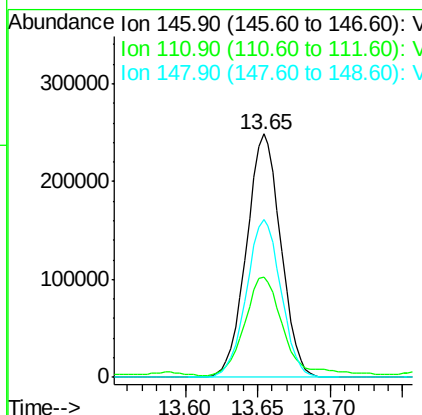
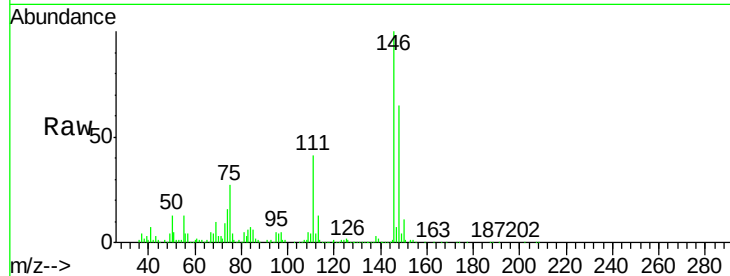




#91
 1,2-Dichlorobenzene
 Concen: 19.530 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

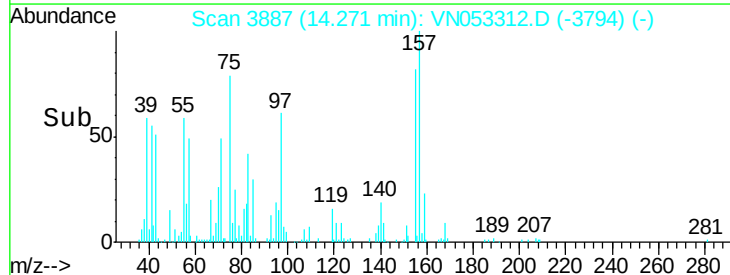
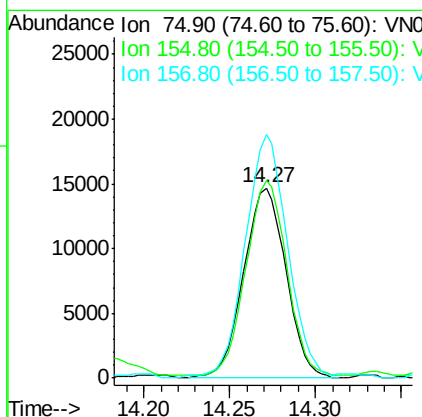
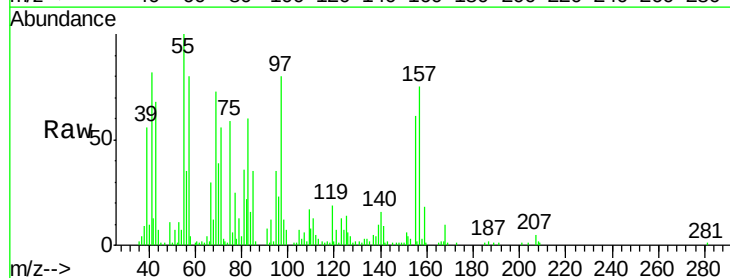
Instrument :
 MSVOA_N
 ClientSampled :
 VN0108WBS01

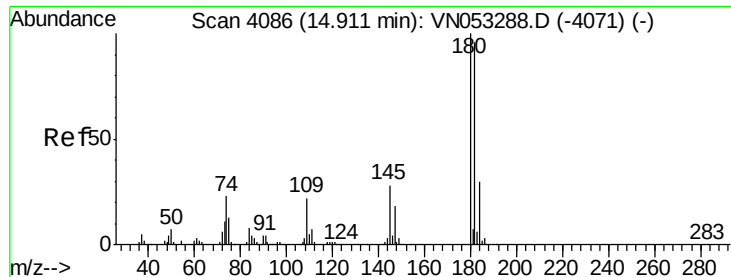
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.9	19.4	58.2
148	65.3	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.958 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.6	48.1	144.3
157	128.0	61.5	184.4

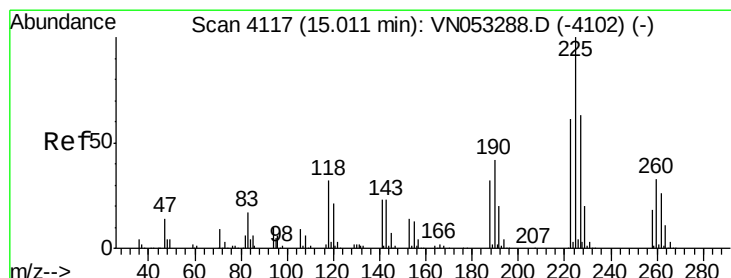
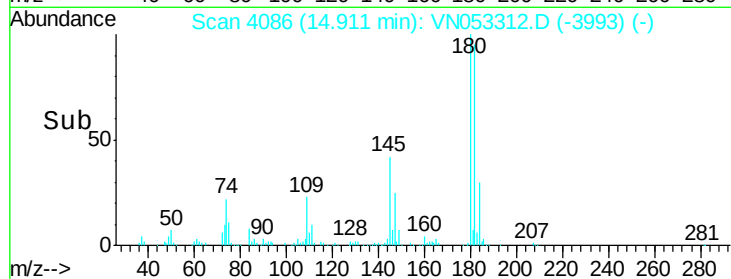
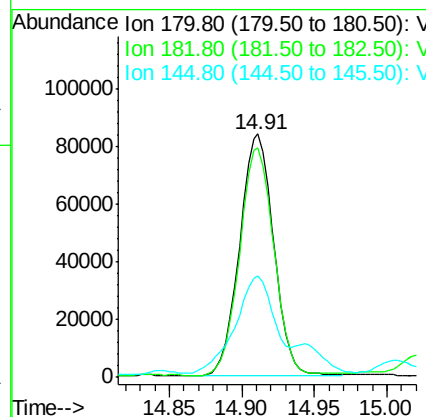
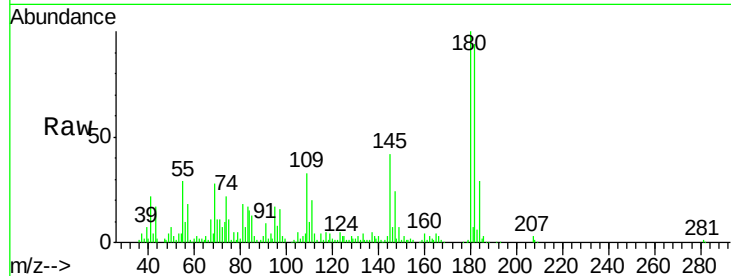




#93
 1,2,4-Trichlorobenzene
 Concen: 20.727 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

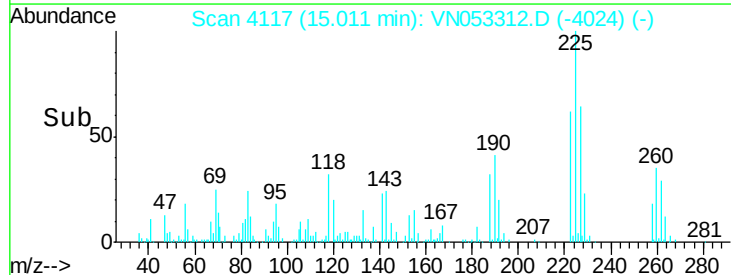
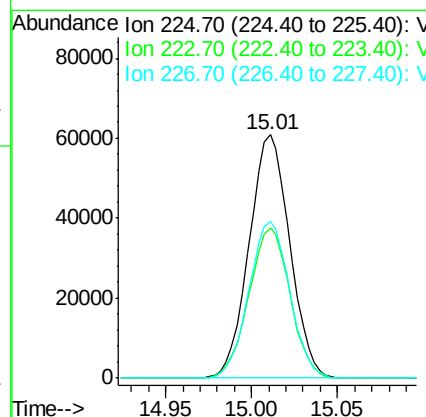
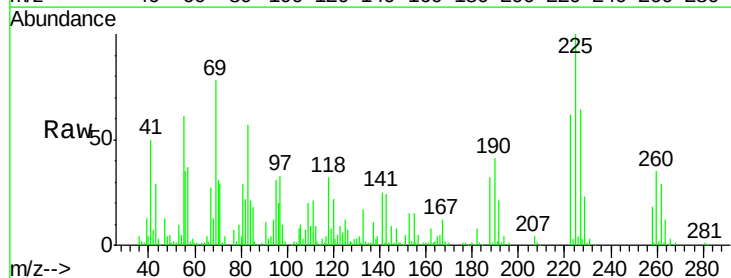
Instrument :
 MSVOA_N
 ClientSampled :
 VN0108WBS01

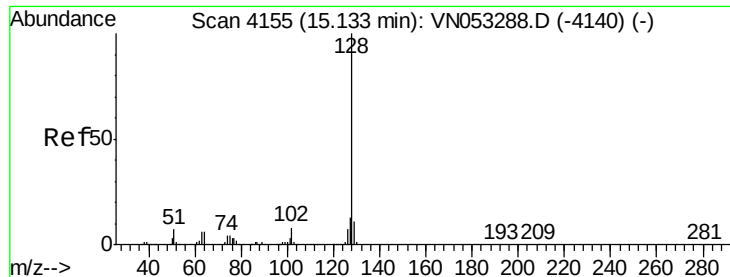
Tot Ion:180 Resp: 136659
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.8 143.4
 145 46.8 14.4 43.0#



#94
 Hexachlorobutadiene
 Concen: 18.472 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Tgt Ion:225 Resp: 99620
 Ion Ratio Lower Upper
 225 100
 223 62.4 30.9 92.8
 227 64.7 31.4 94.2





#95

Naphthalene

Concen: 23.674 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0108WBS01

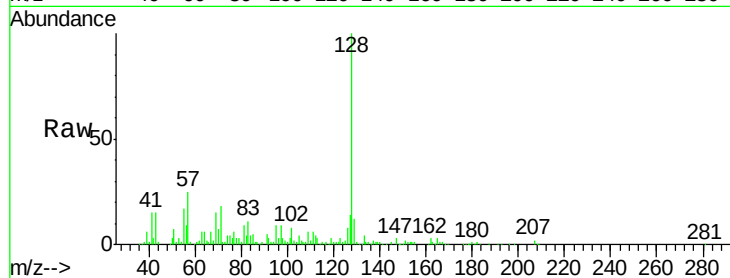
Tot Ion:128 Resp: 266287

Ion Ratio Lower Upper

128 100

127 13.8 10.4 15.6

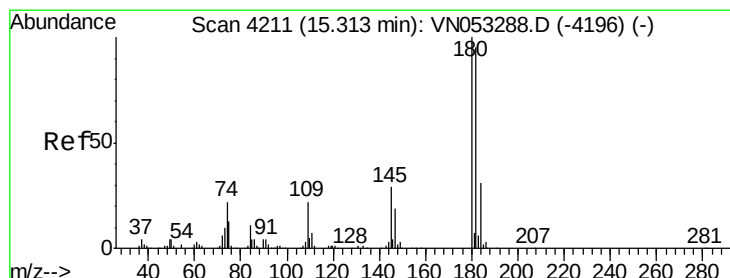
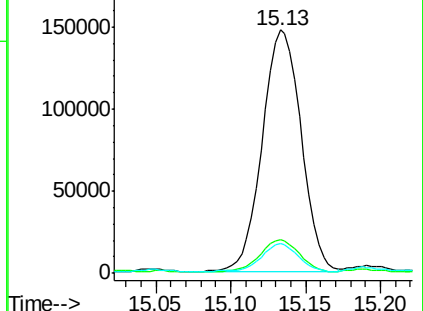
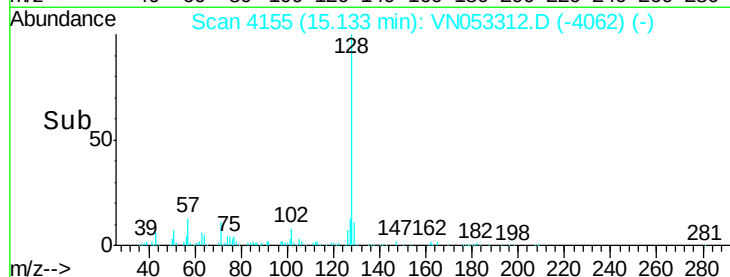
129 11.4 8.7 13.1



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: 22.799 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

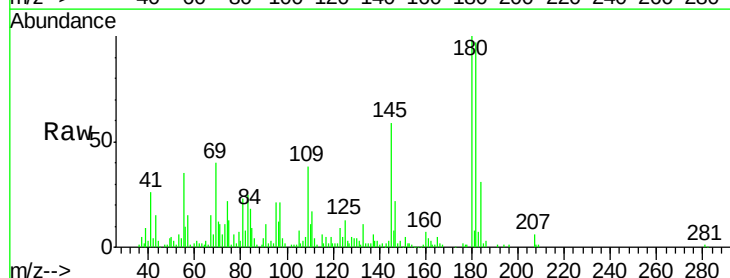
Tgt Ion:180 Resp: 98419

Ion Ratio Lower Upper

180 100

182 92.1 48.4 145.0

145 85.1 14.9 44.5#



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

