

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054340.D
 Acq On : 16 Mar 2019 16:46
 Operator : JC/SP
 Sample : VN0316WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0316WBS01

Quant Time: Mar 18 04:51:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1202549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1881809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1622947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	718467	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	684221	53.58	ug/l	0.00
Spiked Amount			Recovery	=	107.16%	
35) Dibromofluoromethane	7.59	113	628478	51.78	ug/l	0.00
Spiked Amount			Recovery	=	103.56%	
50) Toluene-d8	10.09	98	2221644	49.56	ug/l	0.00
Spiked Amount			Recovery	=	99.12%	
62) 4-Bromofluorobenzene	12.40	95	729512	46.51	ug/l	0.00
Spiked Amount			Recovery	=	93.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	250567	21.985	ug/l	99
3) Chloromethane	2.06	50	229463	20.727	ug/l	100
4) Vinyl Chloride	2.19	62	270321	21.363	ug/l	99
5) Bromomethane	2.57	94	180232	20.566	ug/l	98
6) Chloroethane	2.71	64	162855	21.271	ug/l	99
7) Trichlorofluoromethane	3.02	101	355626	21.139	ug/l	99
8) Diethyl Ether	3.41	74	181851	23.720	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.75	101	287044	22.769	ug/l	99
10) Methyl Iodide	3.94	142	382108	22.201	ug/l	100
11) Tert butyl alcohol	4.82	59	82593	94.336	ug/l	99
12) 1,1-Dichloroethene	3.73	96	279869	22.402	ug/l	98
13) Acrolein	3.61	56	77012	92.827	ug/l	97
14) Allyl chloride	4.32	41	330941	20.646	ug/l	100
15) Acrylonitrile	4.99	53	416047	115.686	ug/l	100
16) Acetone	3.82	43	314241	85.937	ug/l	99
17) Carbon Disulfide	4.04	76	546434	17.448	ug/l	99
18) Methyl Acetate	4.33	43	195064	26.367	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	693629	22.399	ug/l	98
20) Methylene Chloride	4.55	84	266309	22.180	ug/l	95
21) trans-1,2-Dichloroethene	5.04	96	255836	21.373	ug/l	99
22) Diisopropyl ether	5.96	45	726706	22.716	ug/l	97
23) Vinyl Acetate	5.90	43	2496910	105.858	ug/l	100
24) 1,1-Dichloroethane	5.85	63	460617	22.424	ug/l	98
25) 2-Butanone	6.85	43	473301	110.280	ug/l	100
26) 2,2-Dichloropropane	6.82	77	312823	17.318	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	300382	22.494	ug/l	98
28) Bromochloromethane	7.19	49	184124	21.926	ug/l	99
29) Tetrahydrofuran	7.22	42	309389	112.119	ug/l	98
30) Chloroform	7.37	83	490247	22.872	ug/l	99
31) Cyclohexane	7.65	56	408935	20.571	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	414752	21.425	ug/l	99
36) 1,1-Dichloropropene	7.79	75	360348	20.793	ug/l	99
37) Ethyl Acetate	6.94	43	208336	20.922	ug/l	99
38) Carbon Tetrachloride	7.77	117	362950	19.971	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	399821	18.751	ug/l	98
40) Benzene	8.04	78	1077443	21.727	ug/l	99
41) Methacrylonitrile	7.18	41	111896	19.681	ug/l	95
42) 1,2-Dichloroethane	8.13	62	365289	21.818	ug/l	100
43) Isopropyl Acetate	8.17	43	342835	19.615	ug/l	99
44) Trichloroethene	8.84	130	320850	20.827	ug/l	99
45) 1,2-Dichloropropane	9.12	63	268589	21.812	ug/l	98
46) Dibromomethane	9.21	93	180246	21.664	ug/l	97
47) Bromodichloromethane	9.40	83	352107	21.110	ug/l	99
48) Methyl methacrylate	9.20	41	188370	21.237	ug/l	99
49) 1,4-Dioxane	9.20	88	54503	434.413	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1009526	109.143	ug/l	100
52) Toluene	10.16	92	666906	21.209	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	298844	17.029	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	376215	19.356	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	254532	22.169	ug/l	98
56) Ethyl methacrylate	10.43	69	277238	20.251	ug/l	99
57) 1,3-Dichloropropane	10.71	76	406722	21.664	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	533750	100.645	ug/l	98
59) 2-Hexanone	10.75	43	621763	101.023	ug/l	99
60) Dibromochloromethane	10.90	129	264623	20.477	ug/l	97
61) 1,2-Dibromoethane	11.00	107	249835	21.413	ug/l	99
64) Tetrachloroethene	10.63	164	331304	21.114	ug/l	98
65) Chlorobenzene	11.43	112	765017	21.468	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	278326	21.500	ug/l	99
67) Ethyl Benzene	11.51	91	1247237	21.114	ug/l	99
68) m/p-Xylenes	11.62	106	976888	42.311	ug/l	99
69) o-Xylene	11.95	106	487188	21.646	ug/l	98
70) Styrene	11.96	104	735513	20.837	ug/l	98
71) Bromoform	12.13	173	162820	18.074	ug/l	99
73) Isopropylbenzene	12.25	105	1268022	22.060	ug/l	100
74) N-amyl acetate	12.07	43	264103	20.699	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	281773	23.008	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	324562	30.719	ug/l #	100
77) Bromobenzene	12.53	156	332950	21.889	ug/l	98
78) n-propylbenzene	12.59	91	1327293	21.280	ug/l	100
79) 2-Chlorotoluene	12.67	91	830859	22.155	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1029161	21.525	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	44250	14.317	ug/l #	79
82) 4-Chlorotoluene	12.77	91	801452	21.402	ug/l	99
83) tert-Butylbenzene	12.99	119	948902	21.562	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1013699	21.611	ug/l	99
85) sec-Butylbenzene	13.17	105	1179842	20.672	ug/l	100
86) p-Isopropyltoluene	13.29	119	1018169	20.335	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	547652	21.367	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	525526	20.872	ug/l	99
89) n-Butylbenzene	13.61	91	706612	18.573	ug/l	100
90) Hexachloroethane	13.87	117	153127	18.469	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	559076	22.313	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	39836	21.020	ug/l	99

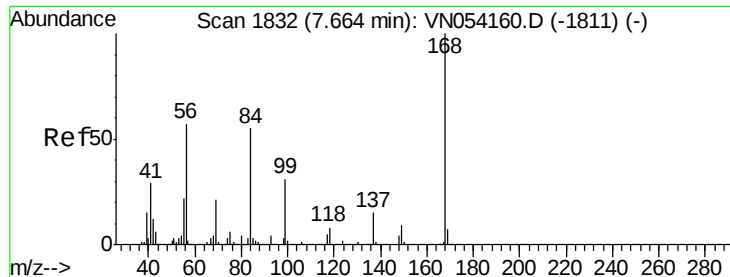
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
Data File : VN054340.D
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	236601	17.370	ug/l	100
94) Hexachlorobutadiene	15.01	225	163860	17.169	ug/l	98
95) Naphthalene	15.13	128	519858	18.822	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	251437	18.887	ug/l	99

(#) = 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: VN054340.D

Acq: 16 Mar 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

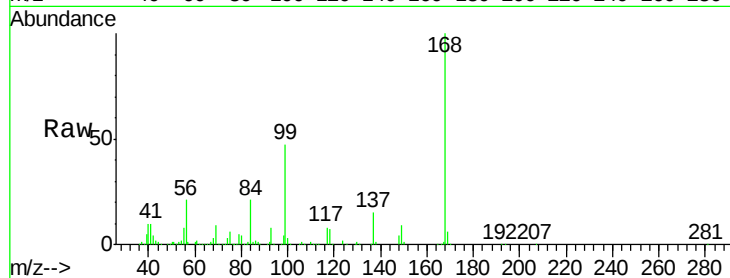
VN0316WBS01

Tot Ion:168 Resp: 1202549

Ion Ratio Lower Upper

168 100

99 46.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

500000

400000

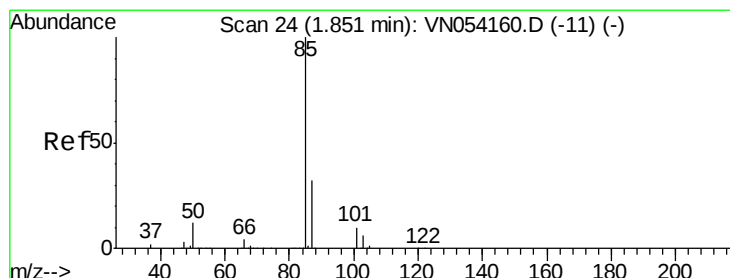
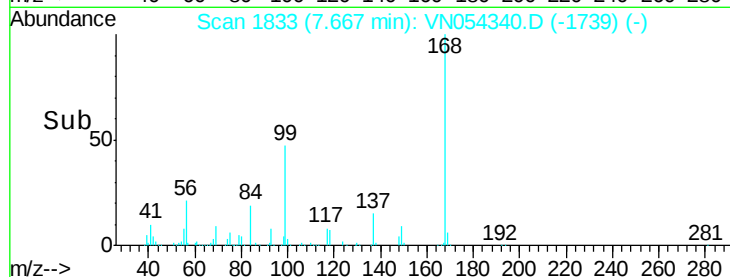
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.985 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN054340.D

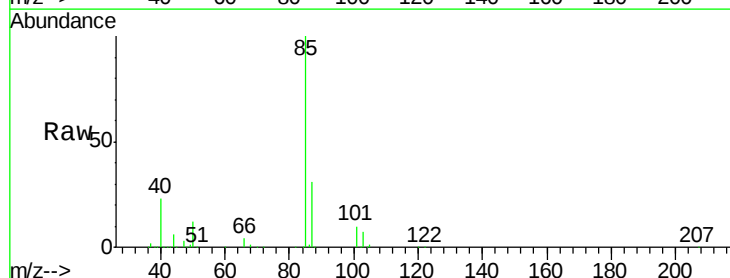
Acq: 16 Mar 2019 16:46

Tgt Ion: 85 Resp: 250567

Ion Ratio Lower Upper

85 100

87 31.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

200000

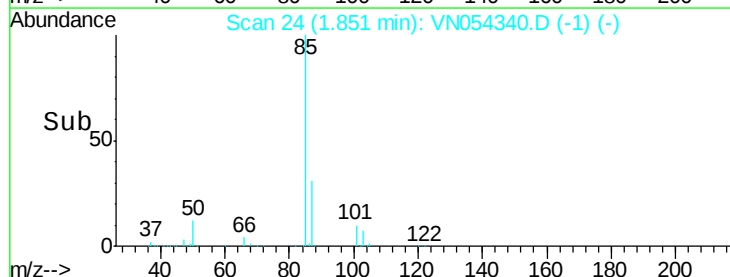
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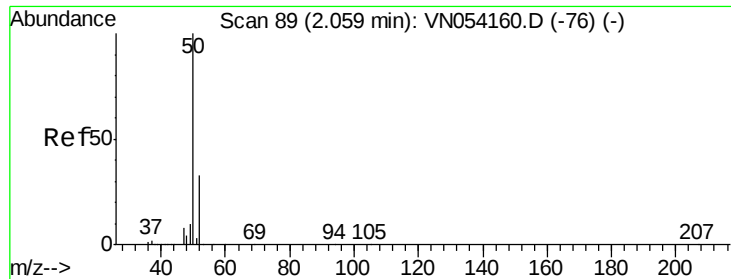
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50000

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Time-->

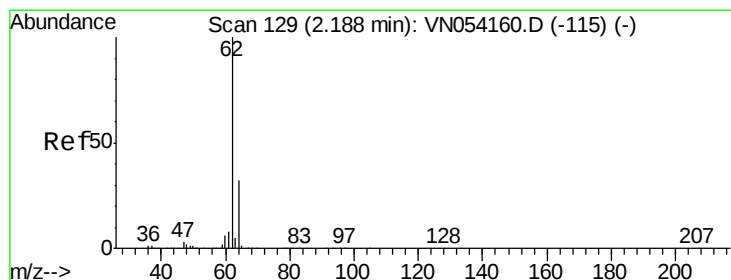
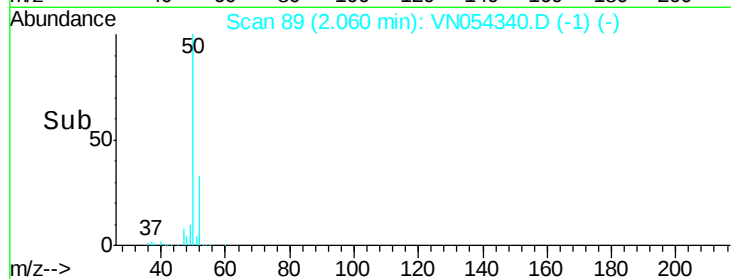
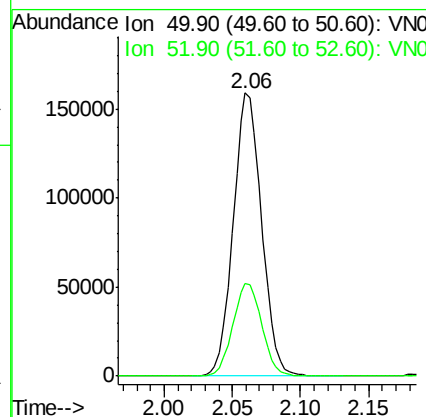
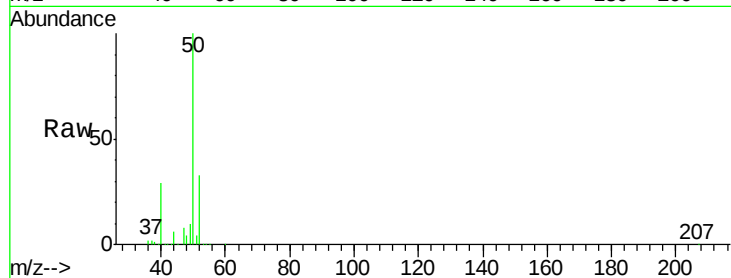




#3
Chloromethane
Concen: 20.727 ug/l
RT: 2.06 min Scan# 89
Delta R.T. 0.00 min
Lab File: VN054340.D
Acq: 16 Mar 2019 16:46

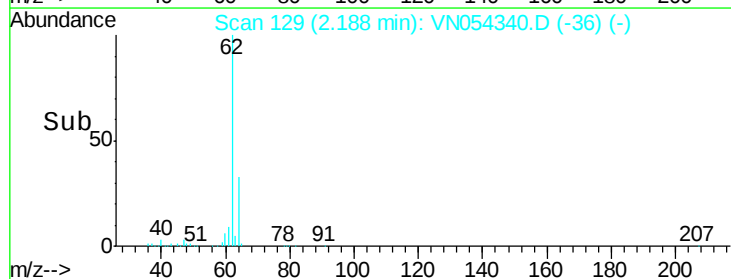
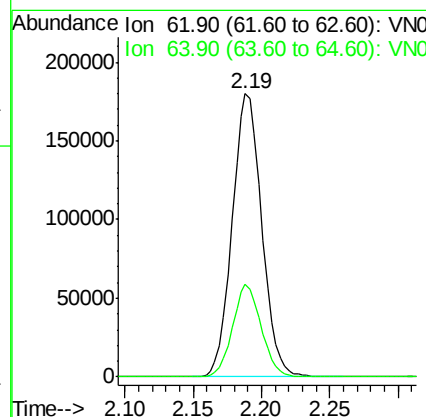
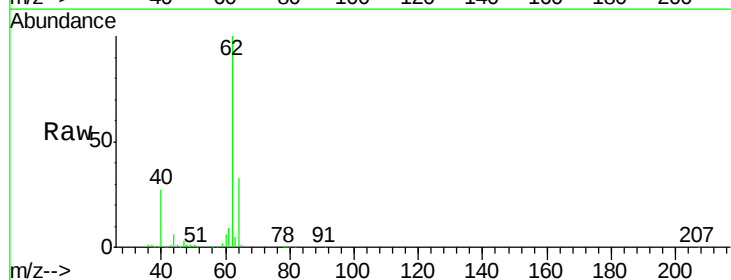
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01

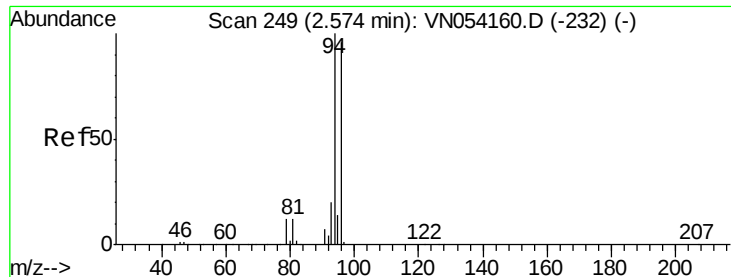
Tot Ion: 50 Resp: 229463
Ion Ratio Lower Upper
50 100
52 32.8 26.4 39.6



#4
Vinyl Chloride
Concen: 21.363 ug/l
RT: 2.19 min Scan# 129
Delta R.T. 0.00 min
Lab File: VN054340.D
Acq: 16 Mar 2019 16:46

Tgt Ion: 62 Resp: 270321
Ion Ratio Lower Upper
62 100
64 32.6 25.5 38.3





#5

Bromomethane

Concen: 20.566 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

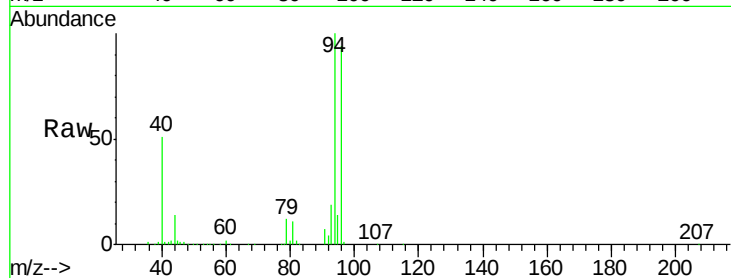
VN0316WBS01

Tot Ion: 94 Resp: 180232

Ion Ratio Lower Upper

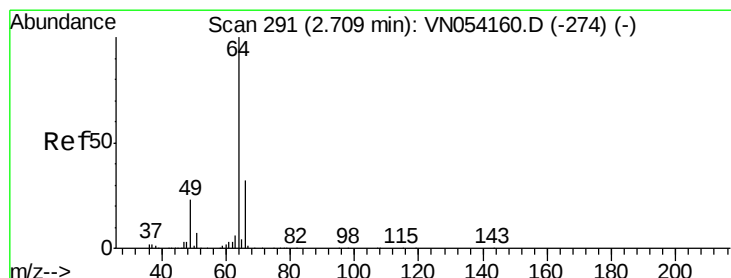
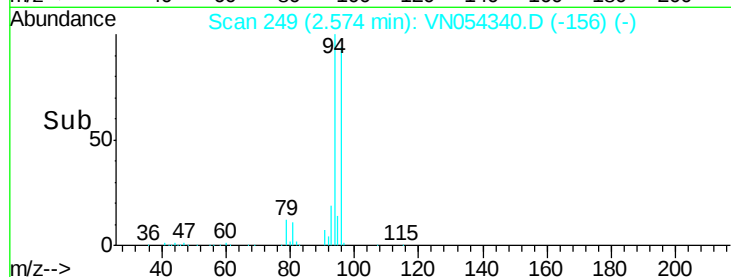
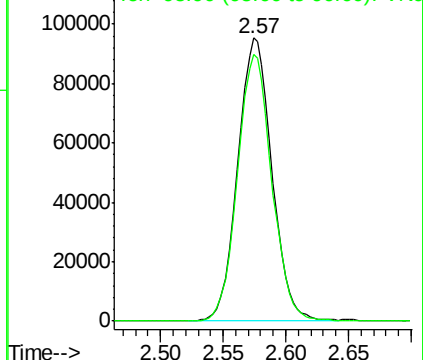
94 100

96 94.1 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 21.271 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN054340.D

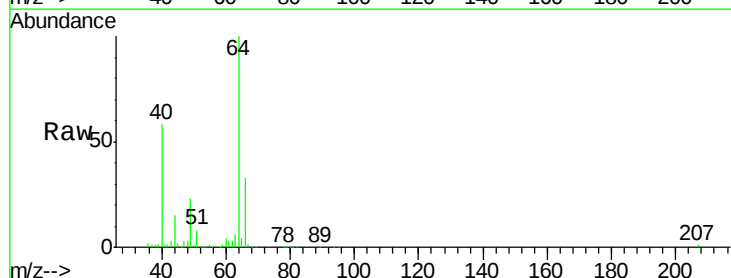
Acq: 16 Mar 2019 16:46

Tgt Ion: 64 Resp: 162855

Ion Ratio Lower Upper

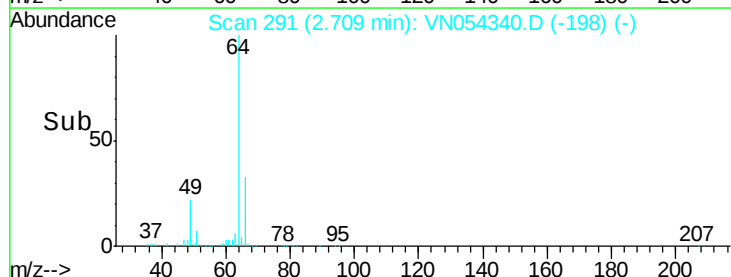
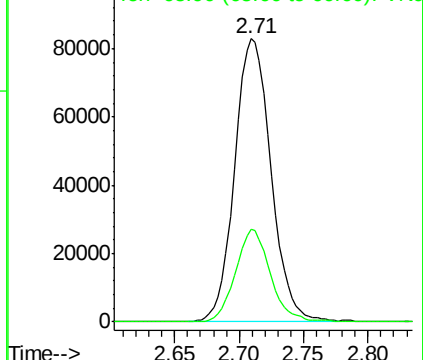
64 100

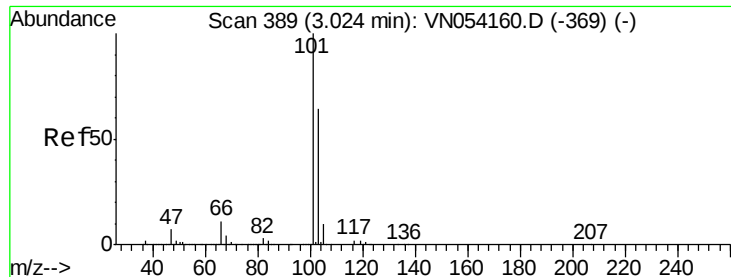
66 32.8 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



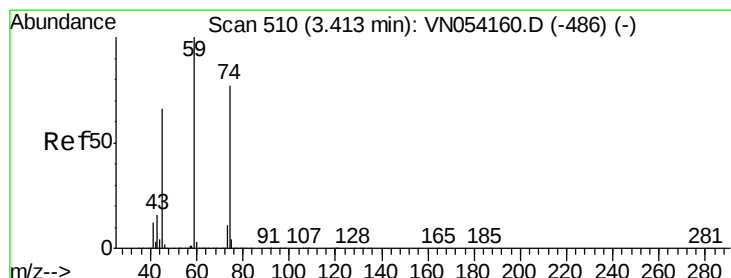
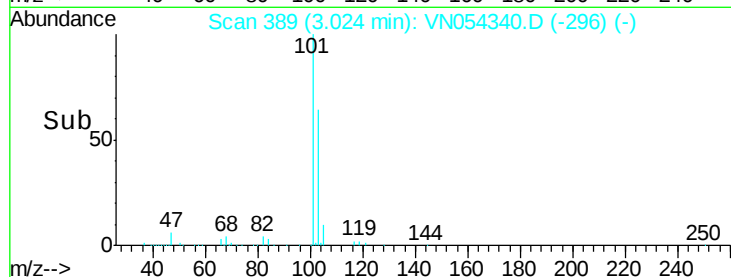
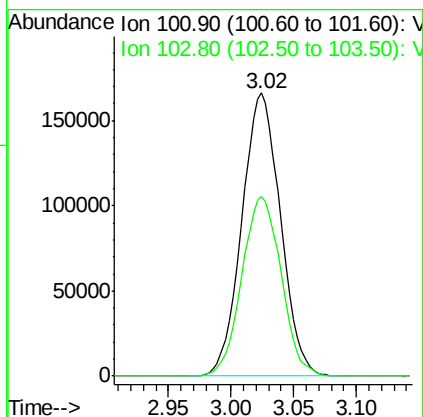
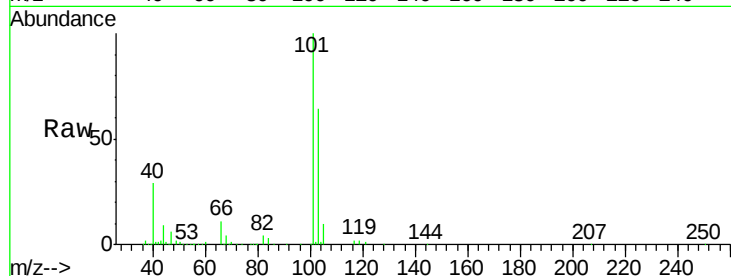


#7

Trichlorofluoromethane
 Concen: 21.139 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN054340.D
 Acq: 16 Mar 2019 16:46

Instrument :
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 VN0316WBS01

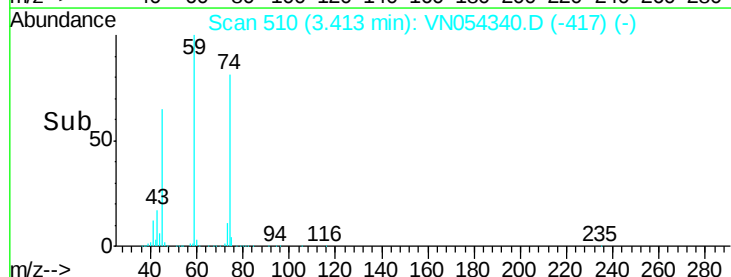
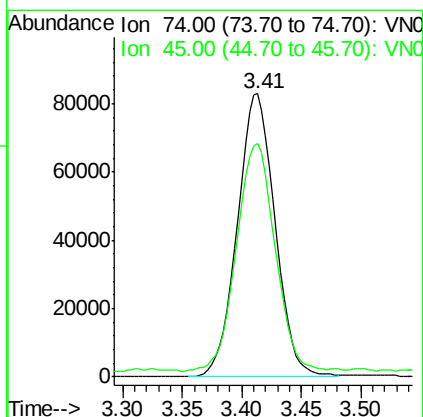
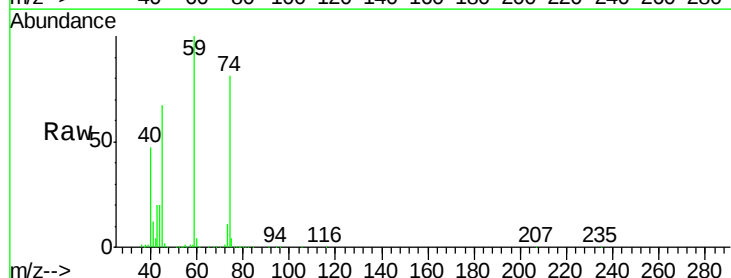
Tot Ion:101 Resp: 355626
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.4 77.2

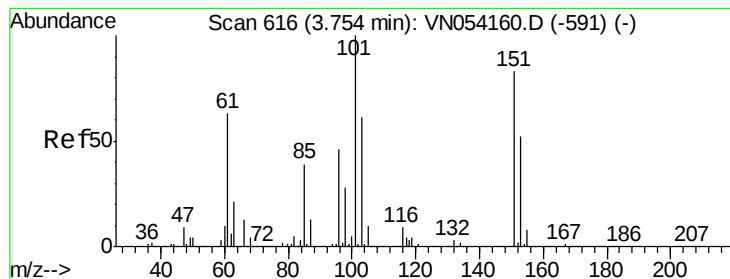


#8

Diethyl Ether
 Concen: 23.720 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN054340.D
 Acq: 16 Mar 2019 16:46

Tgt Ion: 74 Resp: 181851
 Ion Ratio Lower Upper
 74 100
 45 82.1 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.769 ug/l

RT: 3.75 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Instrument :

MSVOA_N

ClientSampled :

VN0316WBS01

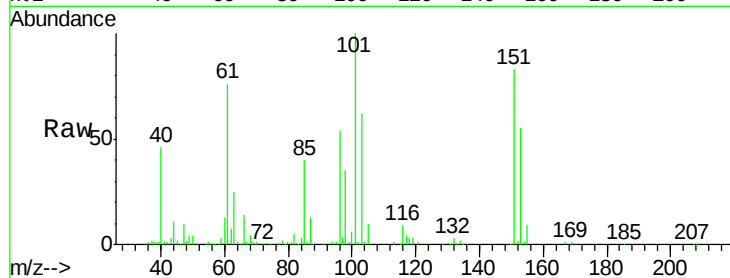
Tot Ion:101 Resp: 287044

Ion Ratio Lower Upper

101 100

85 40.6 32.4 48.6

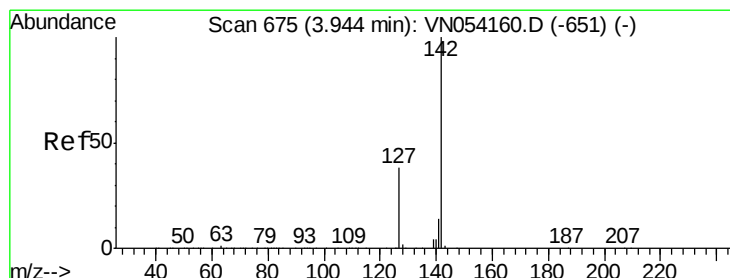
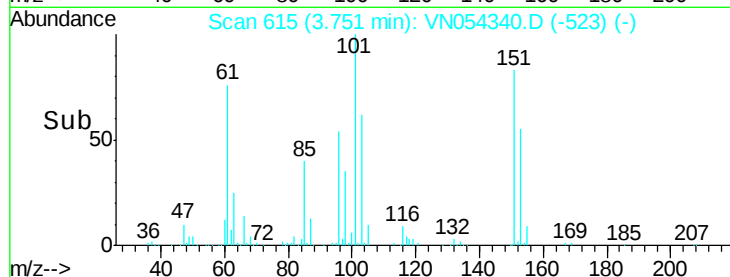
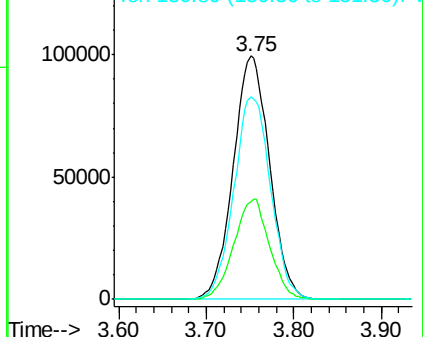
151 84.1 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.201 ug/l

RT: 3.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

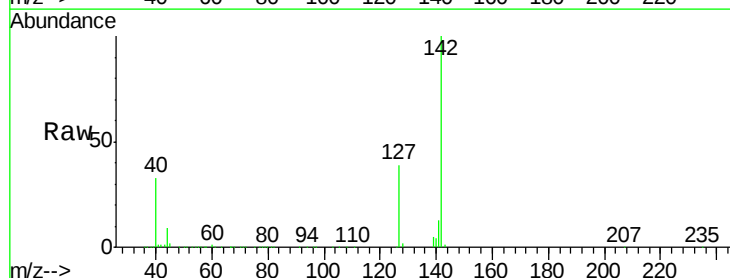
Tgt Ion:142 Resp: 382108

Ion Ratio Lower Upper

142 100

127 38.1 30.3 45.5

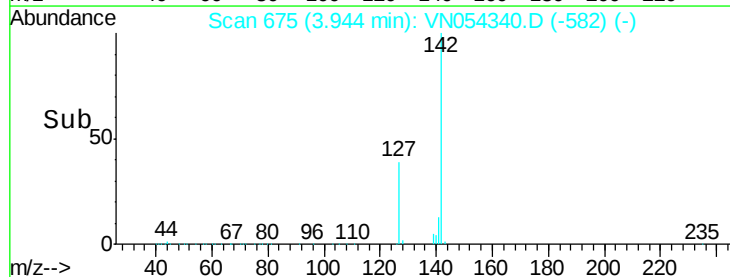
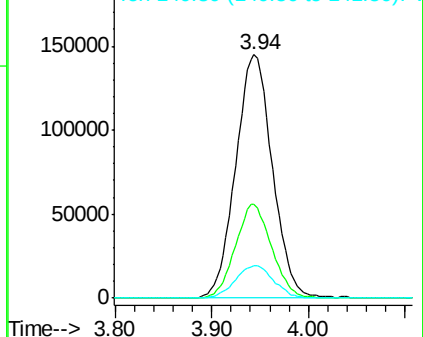
141 13.9 11.2 16.8

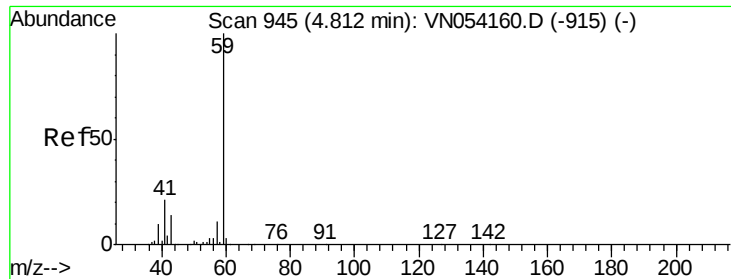


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



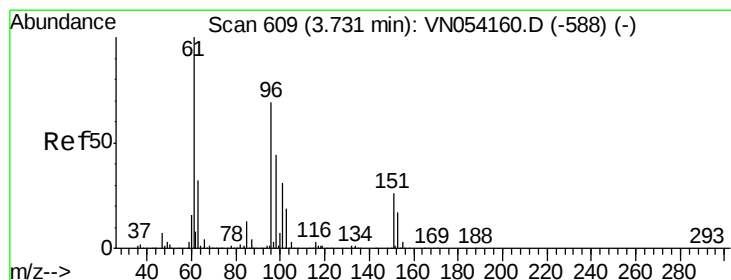
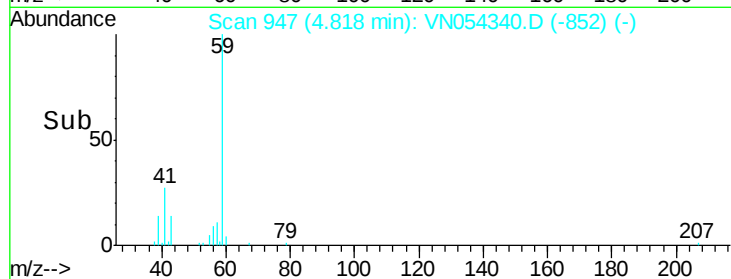
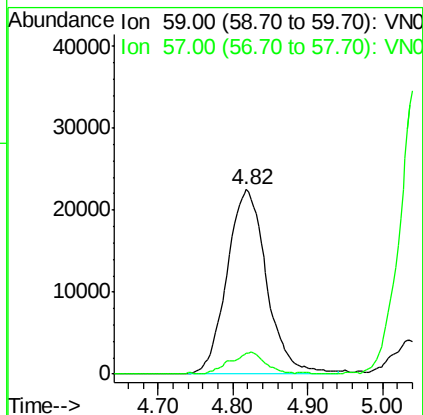
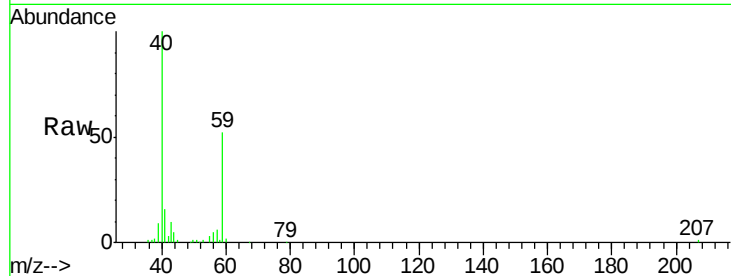


#11

Tert butyl alcohol
 Concen: 94.336 ug/l
 RT: 4.82 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: VN054340.D
 Acq: 16 Mar 2019 16:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0316WBS01

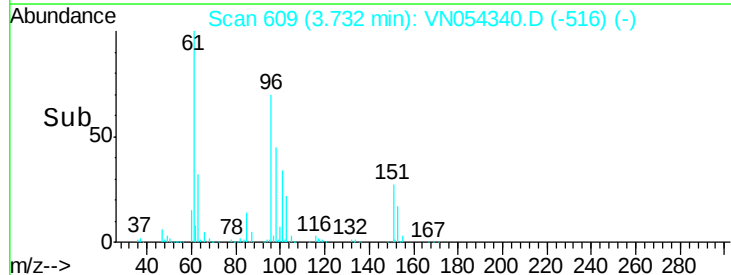
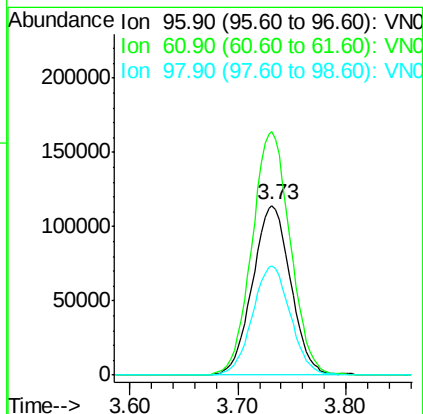
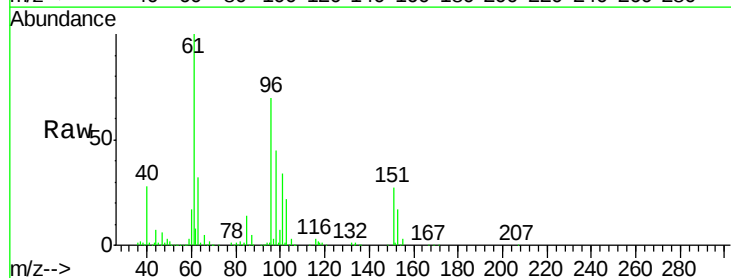
Tot Ion: 59 Resp: 82593
 Ion Ratio Lower Upper
 59 100
 57 10.8 9.0 13.6



#12

1,1-Dichloroethene
 Concen: 22.402 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN054340.D
 Acq: 16 Mar 2019 16:46

Tgt Ion: 96 Resp: 279869
 Ion Ratio Lower Upper
 96 100
 61 143.3 116.5 174.7
 98 64.4 51.0 76.4





#13

Acrolein

Concen: 92.827 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

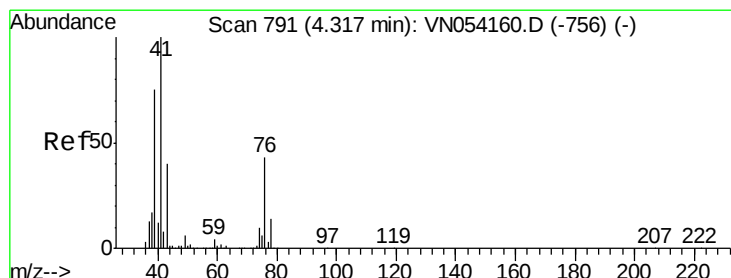
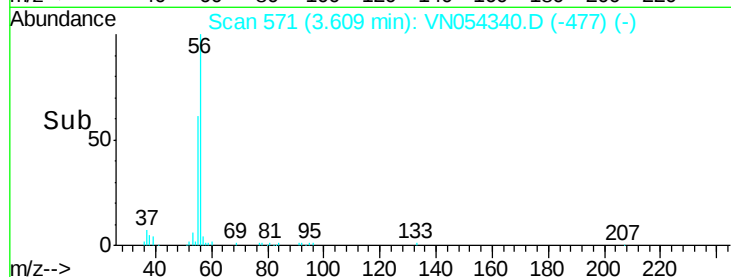
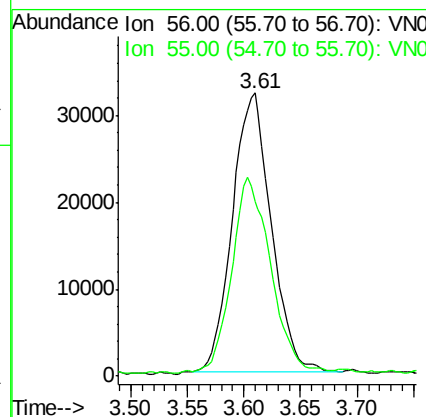
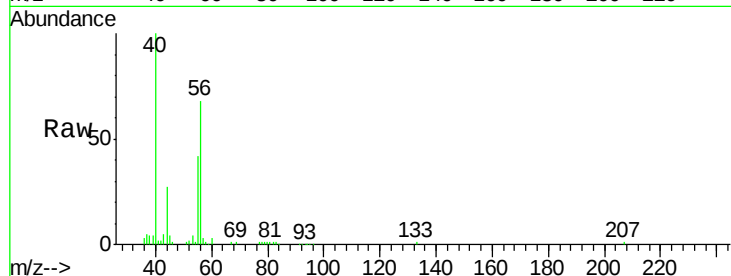
VN0316WBS01

Tot Ion: 56 Resp: 77012

Ion Ratio Lower Upper

56 100

55 68.1 56.7 85.1



#14

Allyl chloride

Concen: 20.646 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

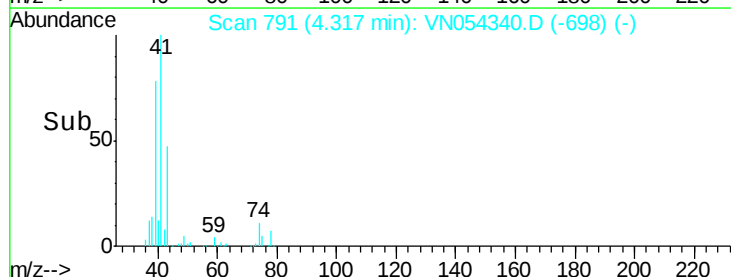
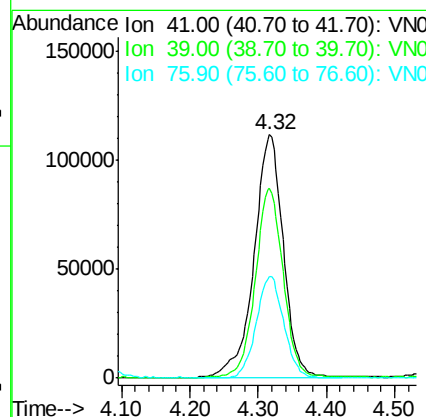
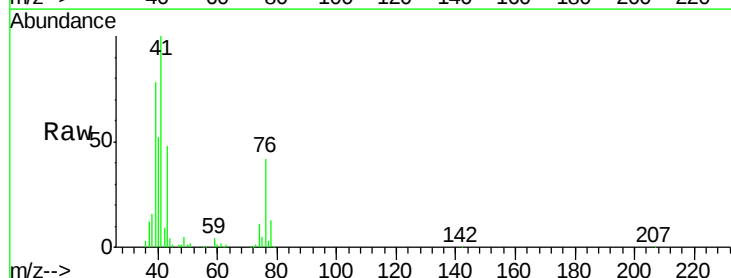
Tgt Ion: 41 Resp: 330941

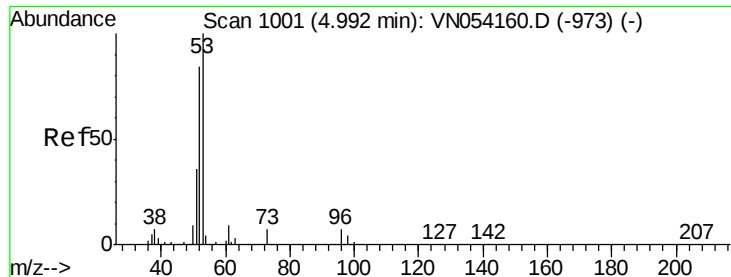
Ion Ratio Lower Upper

41 100

39 73.2 58.2 87.4

76 39.6 31.7 47.5





#15

Acrylonitrile

Concen: 115.686 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN0316WBS01

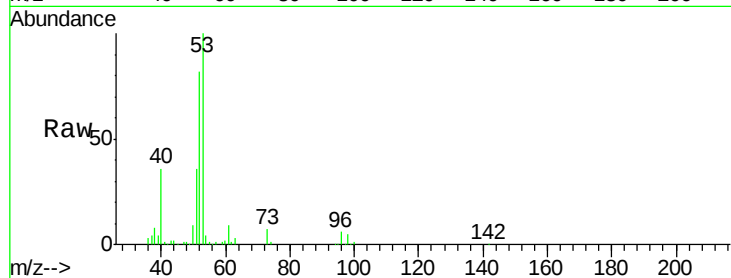
Tot Ion: 53 Resp: 416047

Ion Ratio Lower Upper

53 100

52 82.8 66.4 99.6

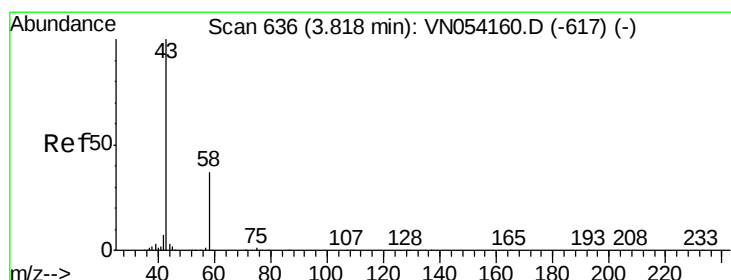
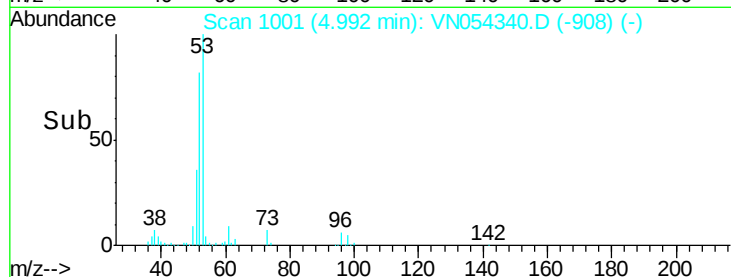
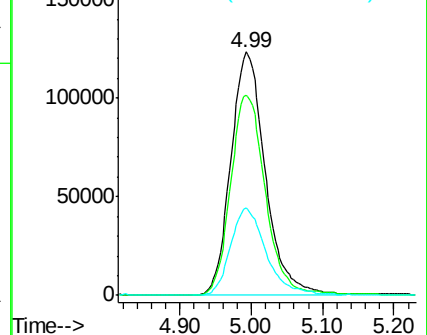
51 37.2 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 85.937 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054340.D

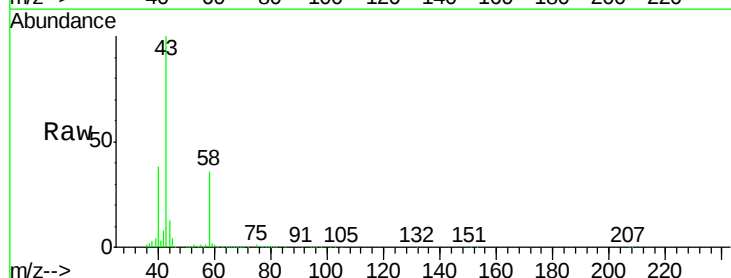
Acq: 16 Mar 2019 16:46

Tgt Ion: 43 Resp: 314241

Ion Ratio Lower Upper

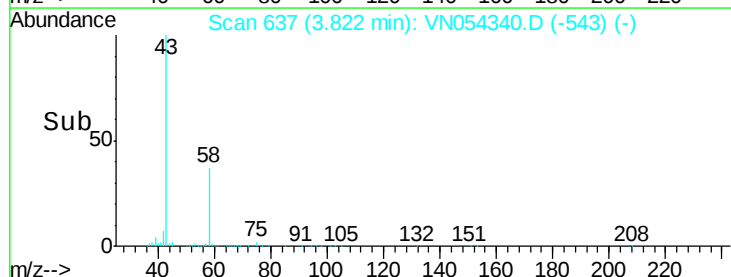
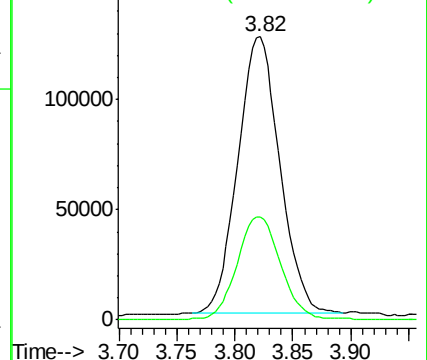
43 100

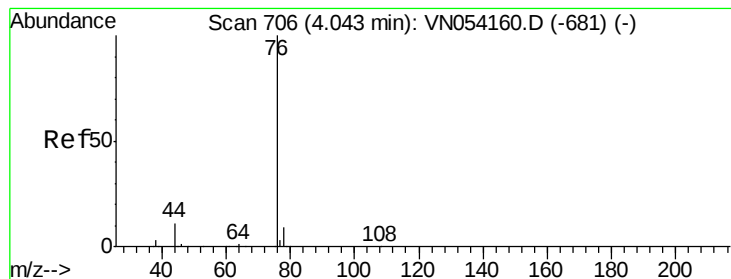
58 36.8 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 17.448 ug/l

RT: 4.04 min Scan# 705

Delta R.T. -0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

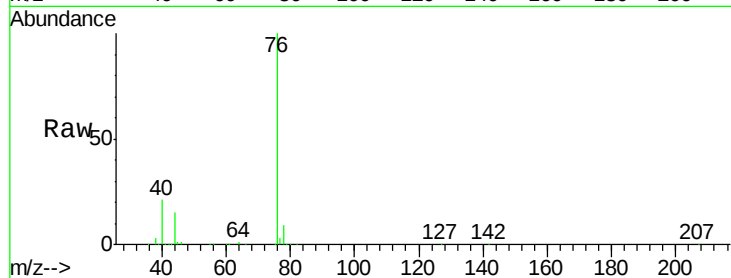
VN0316WBS01

Tot Ion: 76 Resp: 546434

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN054340.D (-613) (-)

Ion 77.90 (77.60 to 78.60): VN054340.D (-613) (-)

4.04

200000

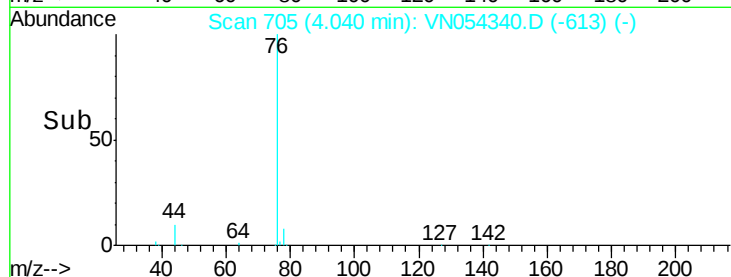
150000

100000

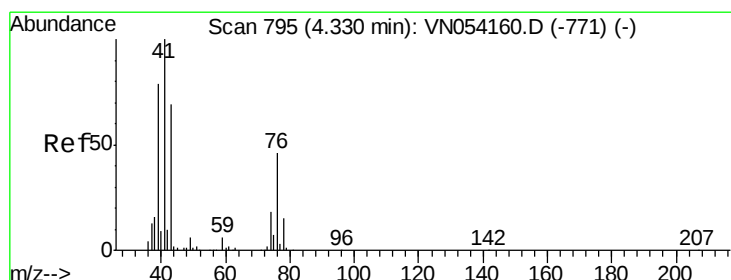
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 26.367 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN054340.D

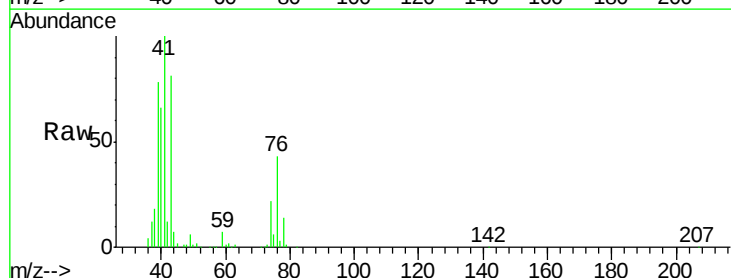
Acq: 16 Mar 2019 16:46

Tgt Ion: 43 Resp: 195064

Ion Ratio Lower Upper

43 100

74 26.3 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VN054340.D (-702) (-)

Ion 74.00 (73.70 to 74.70): VN054340.D (-702) (-)

4.33

80000

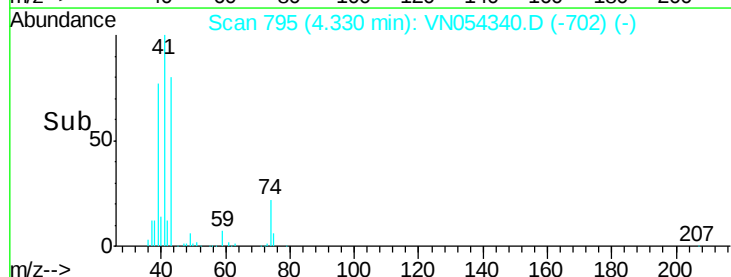
60000

40000

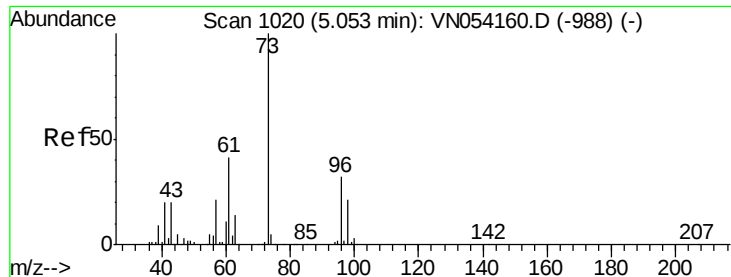
20000

0

Time-->



Time-->



#19

Methyl tert-butyl Ether

Concen: 22.399 ug/l

RT: 5.05 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

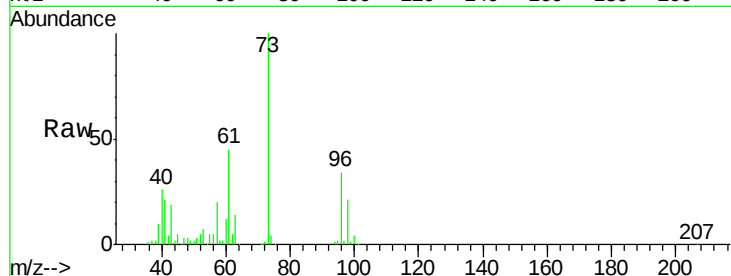
VN0316WBS01

Tot Ion: 73 Resp: 693629

Ion Ratio Lower Upper

73 100

57 20.1 16.8 25.2



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

5.05

200000

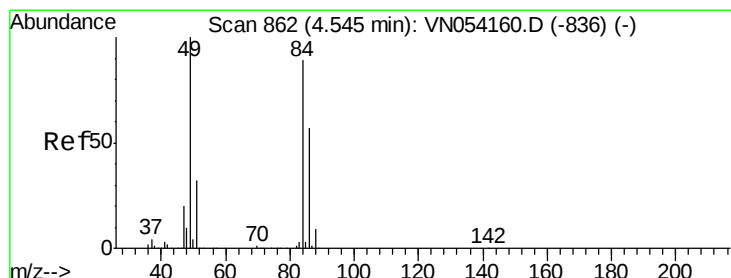
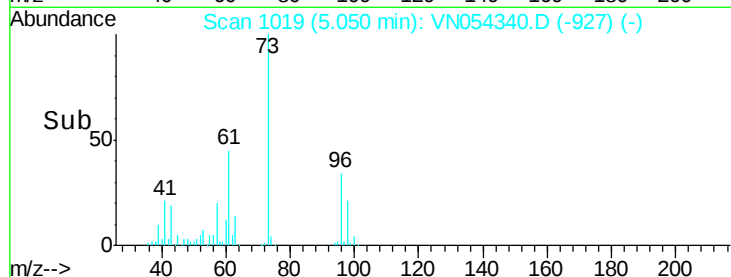
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 22.180 ug/l

RT: 4.55 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Tgt Ion: 84 Resp: 266309

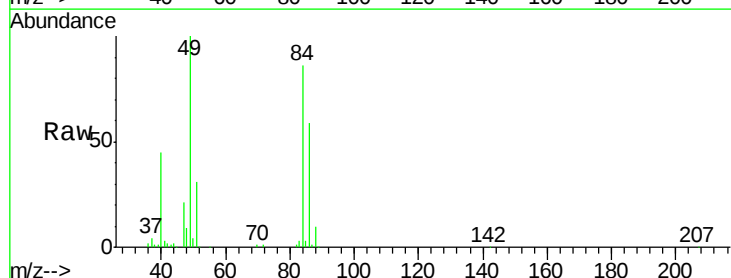
Ion Ratio Lower Upper

84 100

49 116.3 89.7 134.5

51 36.3 28.2 42.4

86 69.1 50.8 76.2



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

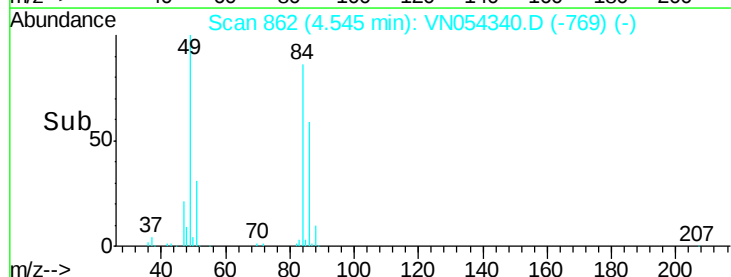
150000

100000

50000

0

Time-->

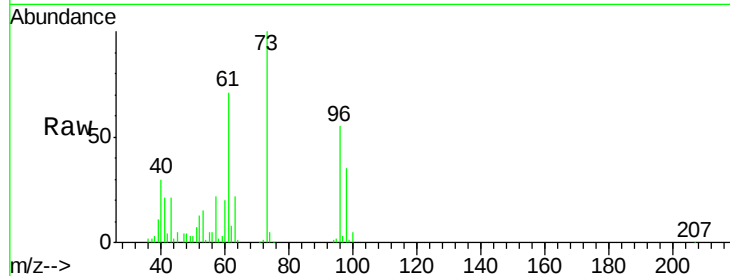




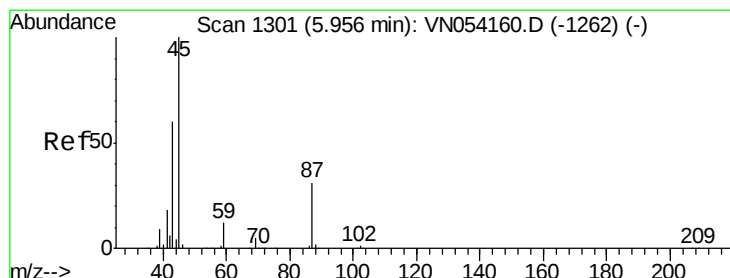
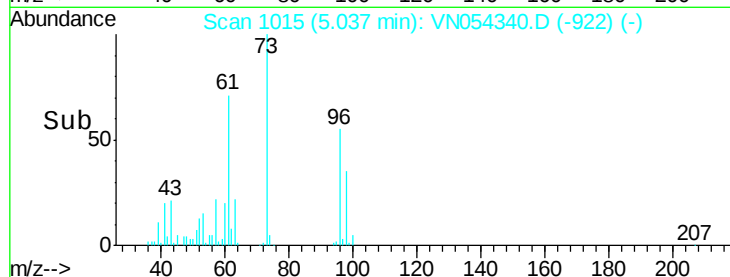
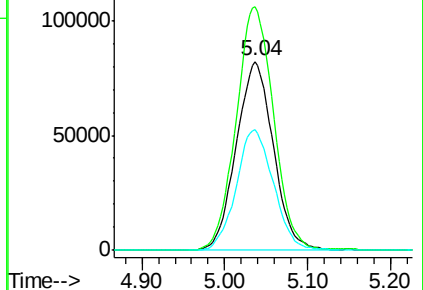
#21
trans-1,2-Dichloroethene
Concen: 21.373 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VN054340.D
Acq: 16 Mar 2019 16:46

Instrument :
MSVOA_N
ClientSampled :
VN0316WBS01

Tot Ion: 96 Resp: 255836
Ion Ratio Lower Upper
96 100
61 129.1 102.8 154.2
98 63.9 50.0 75.0

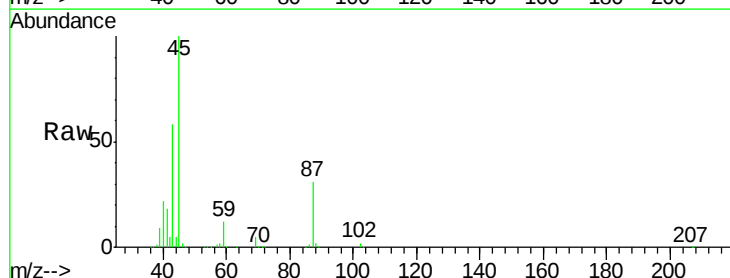


Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC

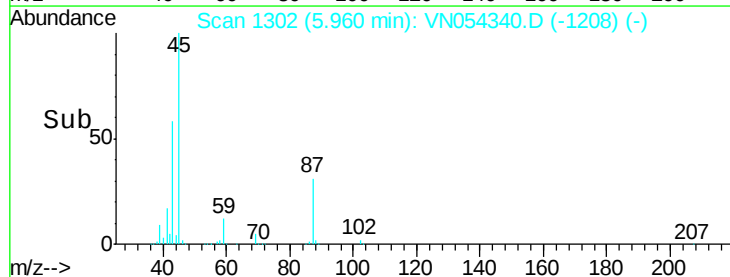
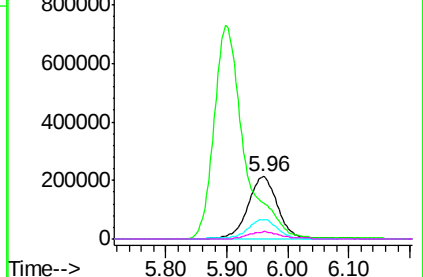


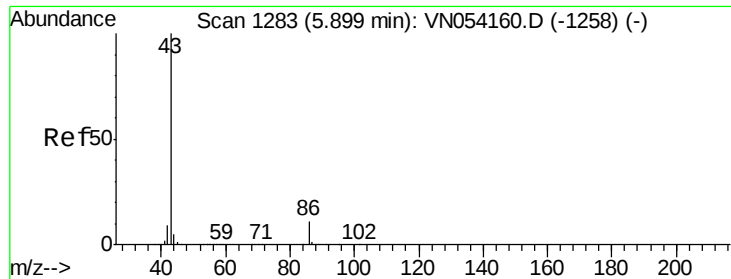
#22
Diisopropyl ether
Concen: 22.716 ug/l
RT: 5.96 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VN054340.D
Acq: 16 Mar 2019 16:46

Tgt Ion: 45 Resp: 726706
Ion Ratio Lower Upper
45 100
43 57.4 48.2 72.2
87 30.6 24.9 37.3
59 11.4 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 87.00 (86.70 to 87.70): VNC
Ion 59.00 (58.70 to 59.70): VNC





#23

Vinyl Acetate

Concen: 105.858 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

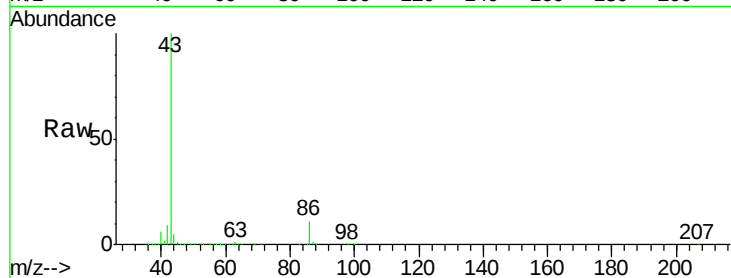
VN0316WBS01

Tot Ion: 43 Resp: 2496910

Ion Ratio Lower Upper

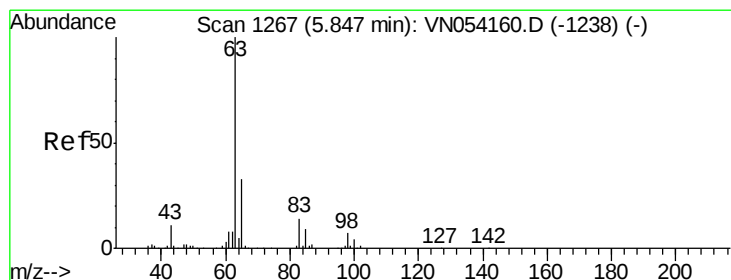
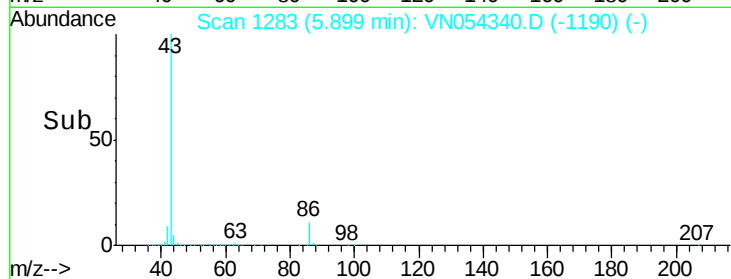
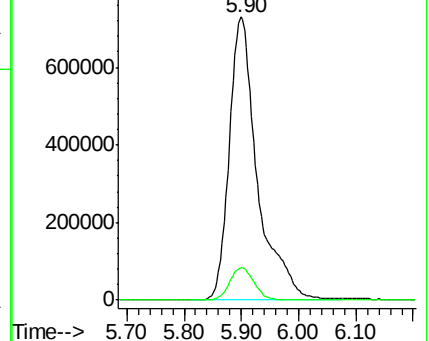
43 100

86 11.4 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 22.424 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

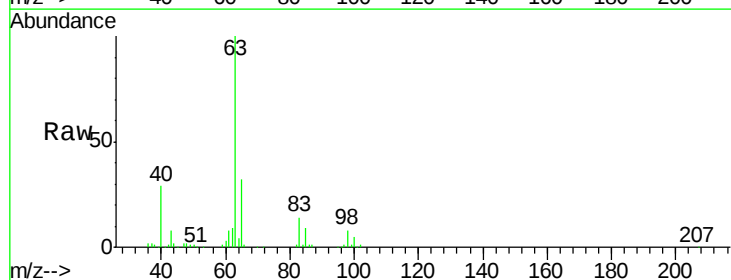
Tgt Ion: 63 Resp: 460617

Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.5

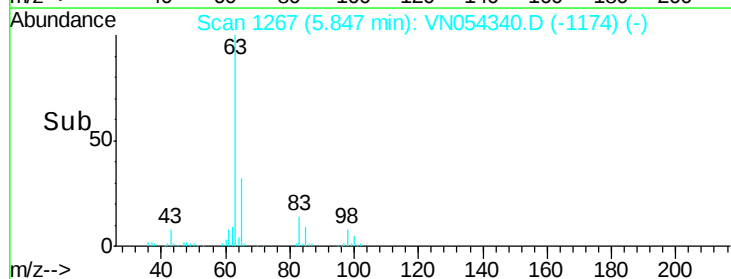
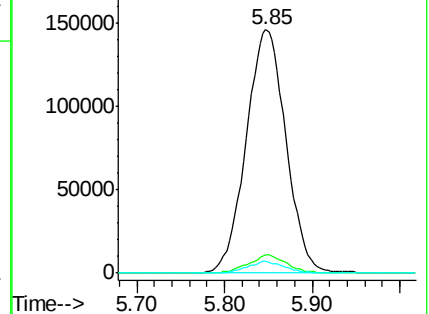
100 4.7 2.0 6.0

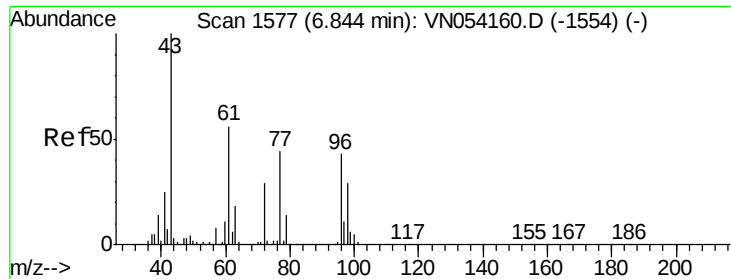


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

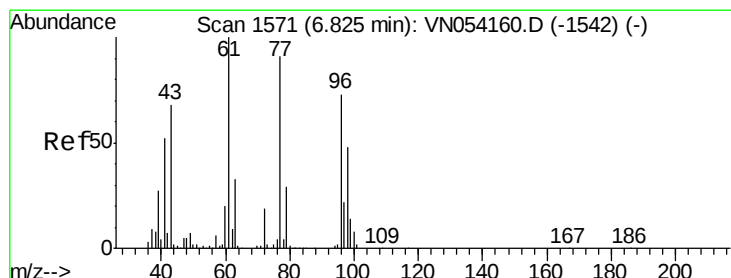
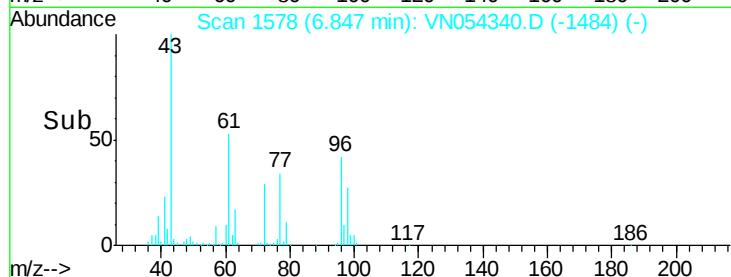
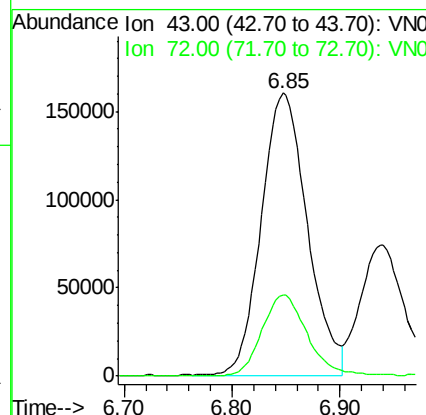
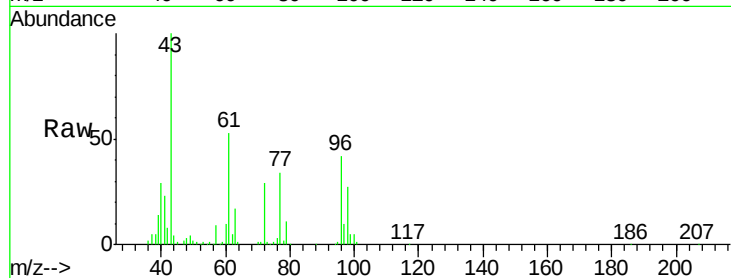




#25
 2-Butanone
 Concen: 110.280 ug/l
 RT: 6.85 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VN054340.D
 Acq: 16 Mar 2019 16:46

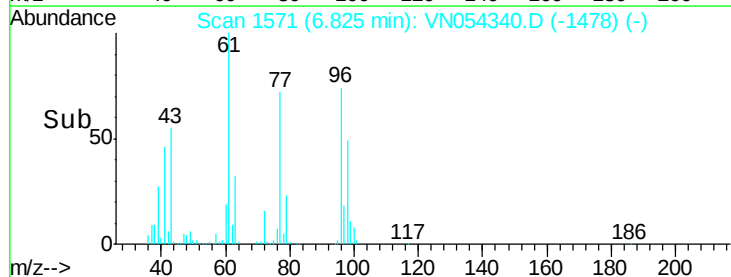
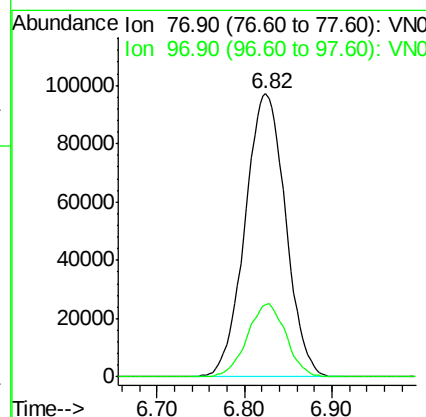
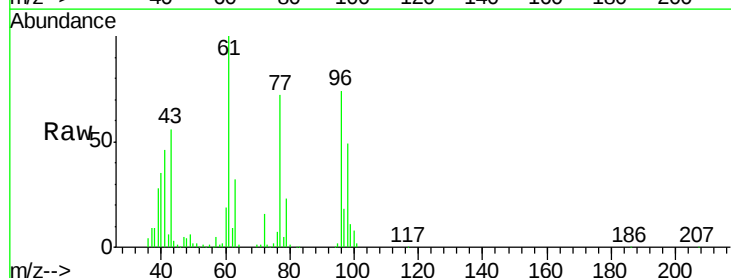
Instrument :
 MSVOA_N
 ClientSampled :
 VN0316WBS01

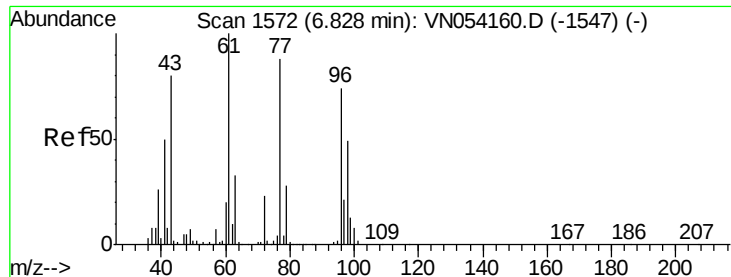
Tot Ion: 43 Resp: 473301
 Ion Ratio Lower Upper
 43 100
 72 29.0 23.0 34.6



#26
 2,2-Dichloropropane
 Concen: 17.318 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: VN054340.D
 Acq: 16 Mar 2019 16:46

Tgt Ion: 77 Resp: 312823
 Ion Ratio Lower Upper
 77 100
 97 24.7 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 22.494 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN0316WBS01

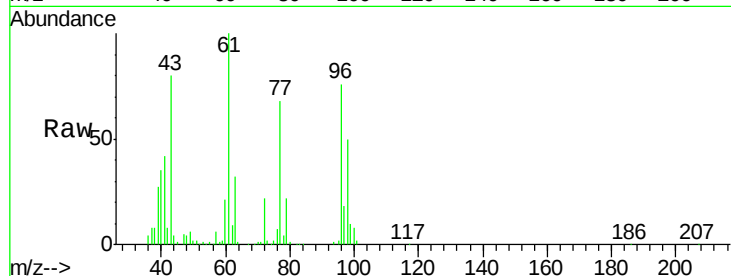
Tot Ion: 96 Resp: 300382

Ion Ratio Lower Upper

96 100

61 132.8 0.0 273.0

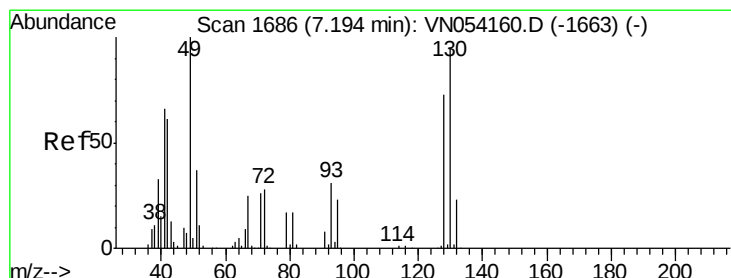
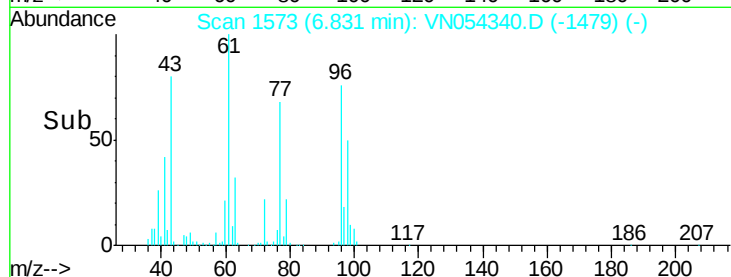
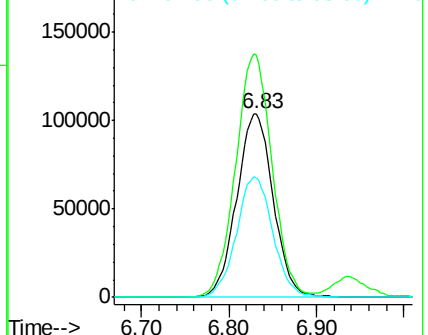
98 65.5 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 21.926 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

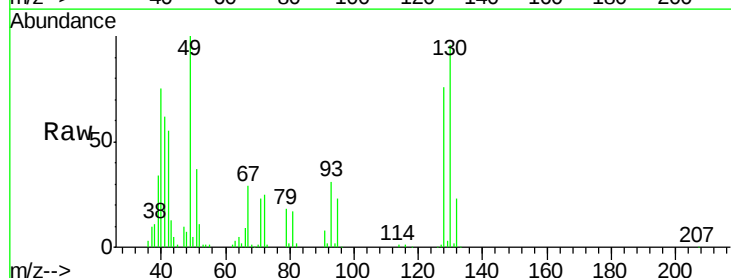
Tgt Ion: 49 Resp: 184124

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

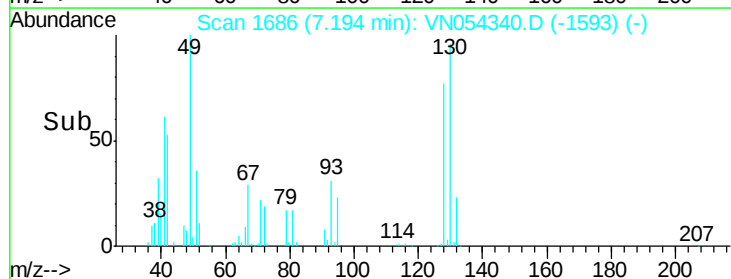
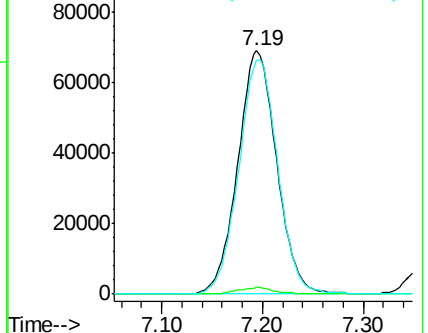
130 96.6 76.7 115.1

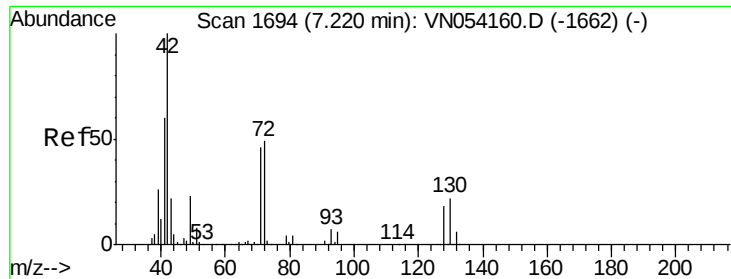


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

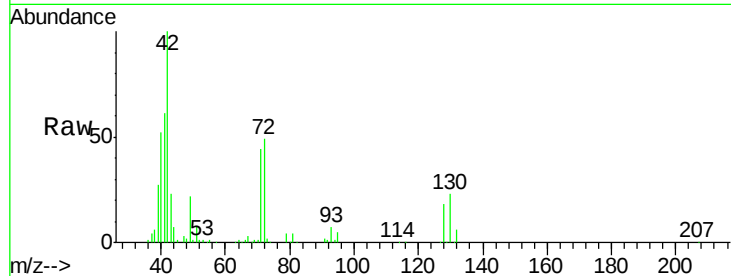




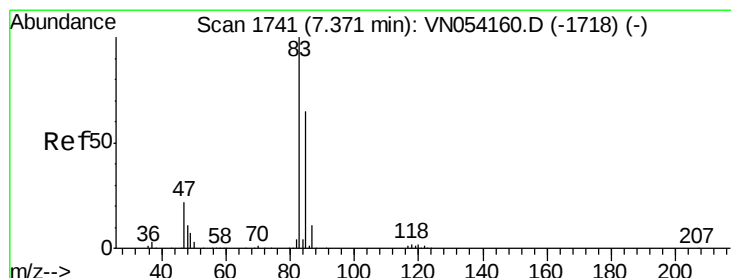
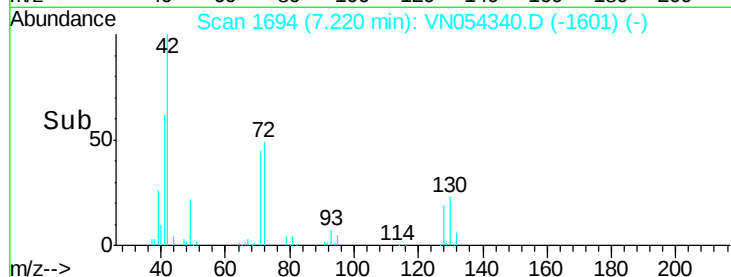
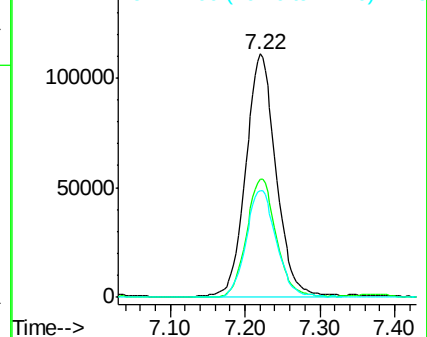
#29
Tetrahydrofuran
Concen: 112.119 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.00 min
Lab File: VN054340.D
Acq: 16 Mar 2019 16:46

Instrument :
MSVOA_N
ClientSampled :
VN0316WBS01

Tot Ion: 42 Resp: 309389
Ion Ratio Lower Upper
42 100
72 48.4 37.8 56.6
71 44.3 36.2 54.2

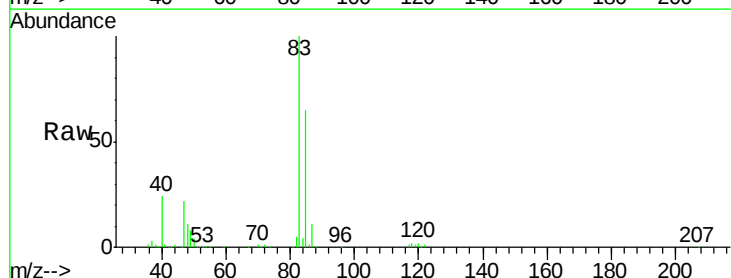


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

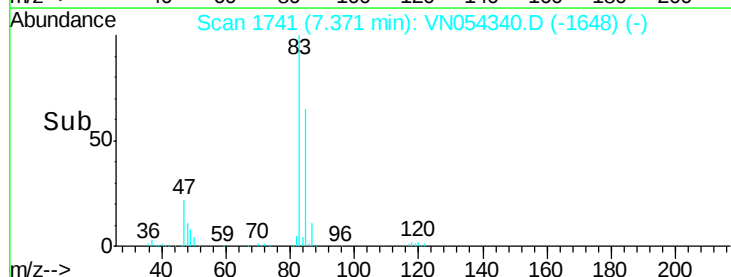
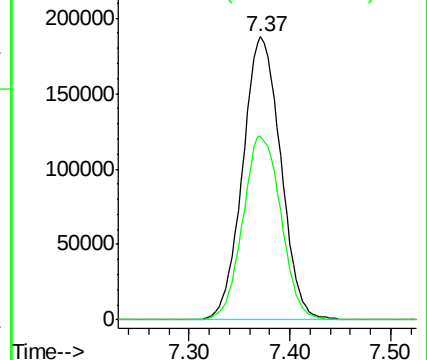


#30
Chloroform
Concen: 22.872 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN054340.D
Acq: 16 Mar 2019 16:46

Tgt Ion: 83 Resp: 490247
Ion Ratio Lower Upper
83 100
85 64.9 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

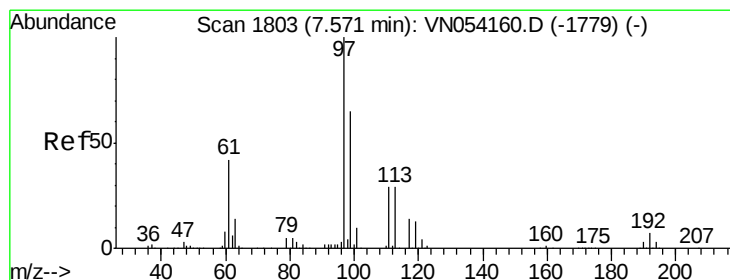
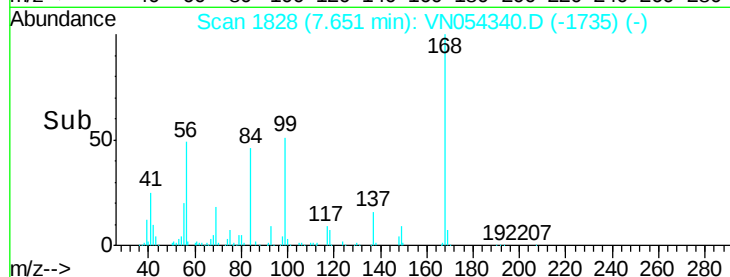
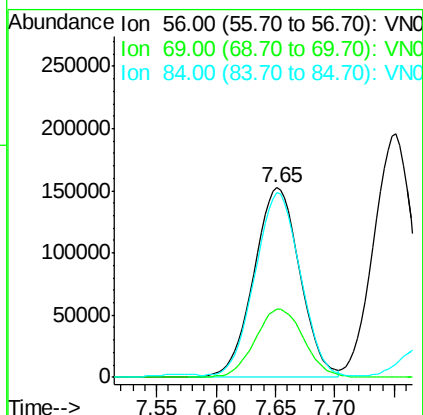
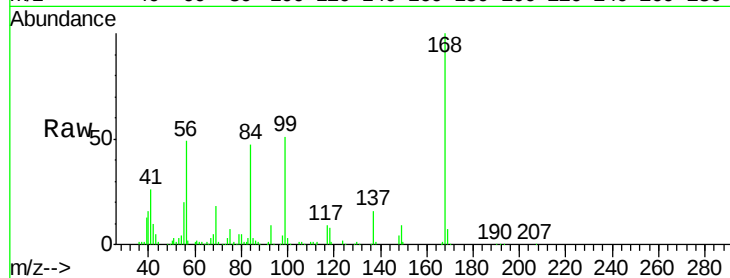




#31
Cyclohexane
Concen: 20.571 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN054340.D
Acq: 16 Mar 2019 16:46

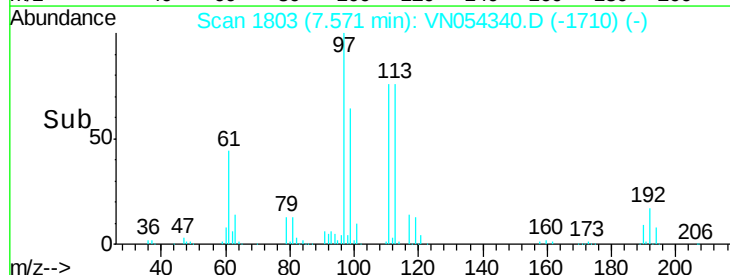
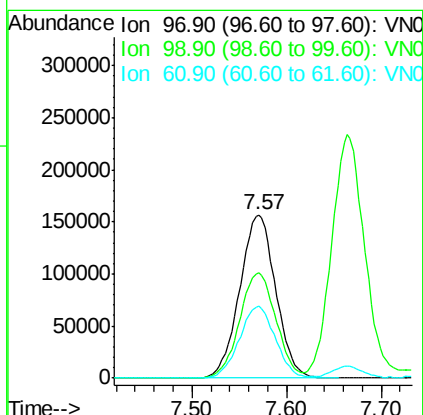
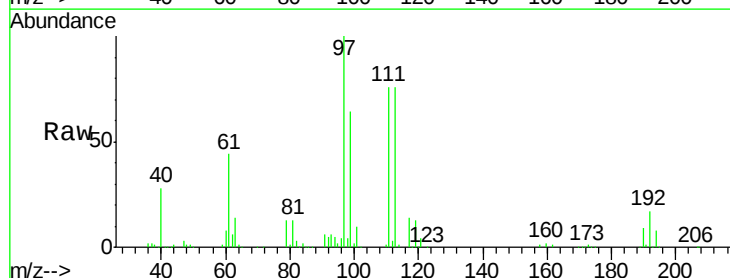
Instrument :
MSVOA_N
ClientSampled :
VN0316WBS01

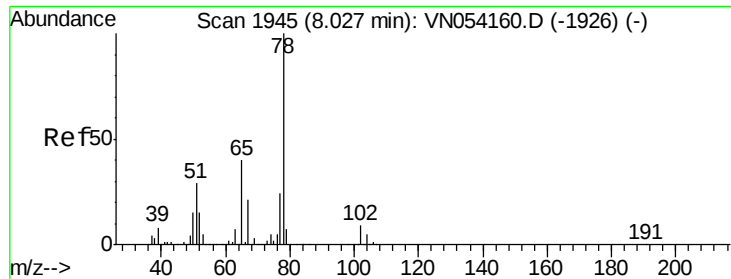
Tot Ion: 56 Resp: 408935
Ion Ratio Lower Upper
56 100
69 36.0 27.8 41.6
84 95.7 74.6 111.8



#32
1,1,1-Trichloroethane
Concen: 21.425 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN054340.D
Acq: 16 Mar 2019 16:46

Tgt Ion: 97 Resp: 414752
Ion Ratio Lower Upper
97 100
99 64.6 51.5 77.3
61 43.8 33.6 50.4

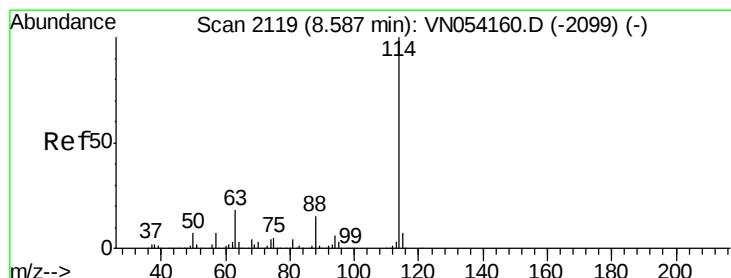
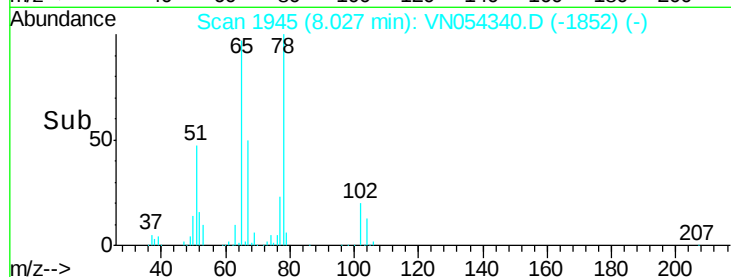
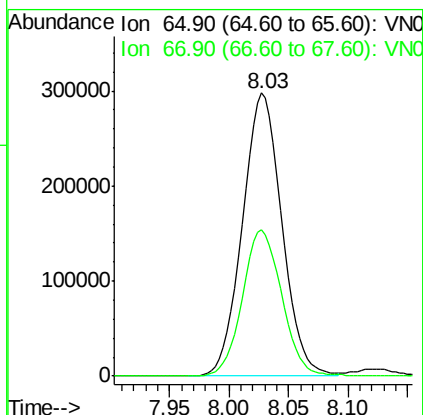
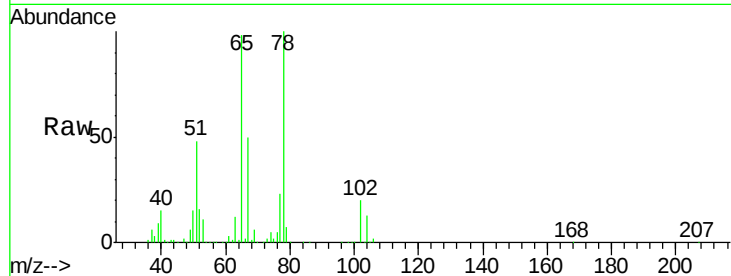




#33
 1,2-Dichloroethane-d4
 Concen: 53.576 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054340.D
 Acq: 16 Mar 2019 16:46

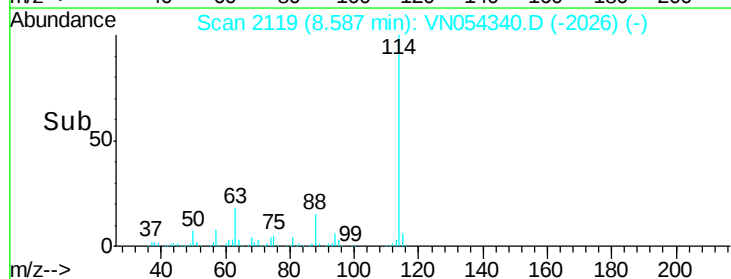
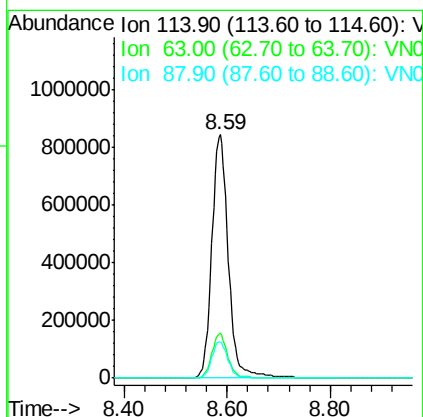
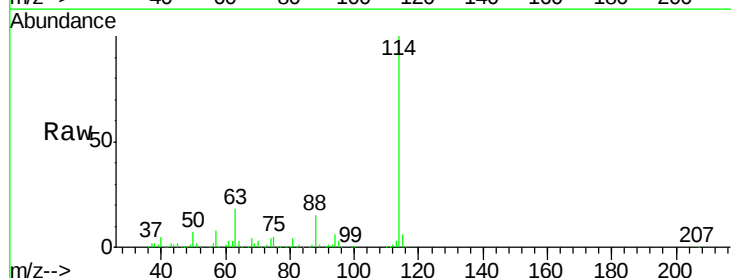
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0316WBS01

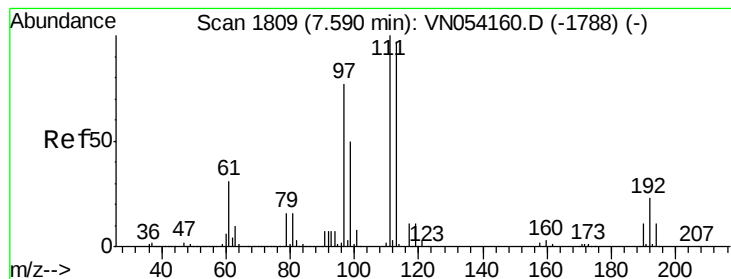
Tot Ion: 65 Resp: 684221
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054340.D
 Acq: 16 Mar 2019 16:46

Tgt Ion: 114 Resp: 1881809
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 35.2
 88 14.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 51.782 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Instrument :

MSVOA_N

ClientSampled :

VN0316WBS01

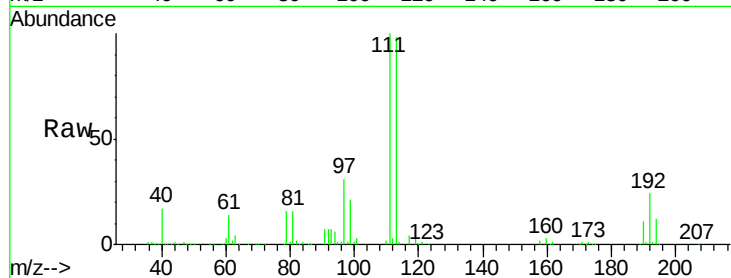
Tot Ion:113 Resp: 628478

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

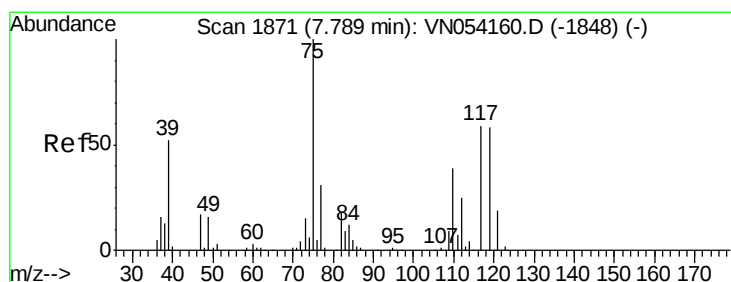
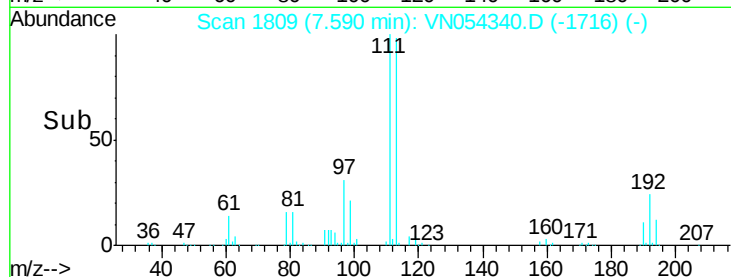
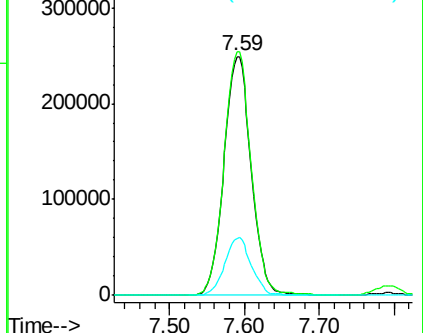
192 23.5 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.793 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

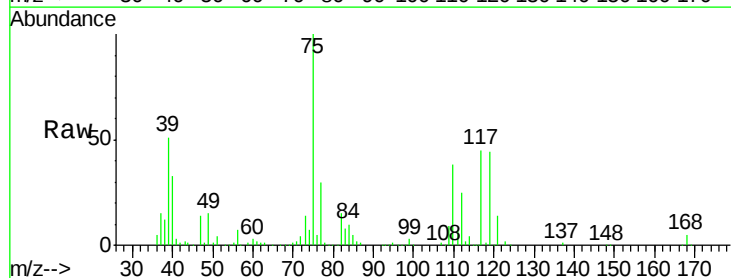
Tgt Ion: 75 Resp: 360348

Ion Ratio Lower Upper

75 100

110 37.4 19.1 57.5

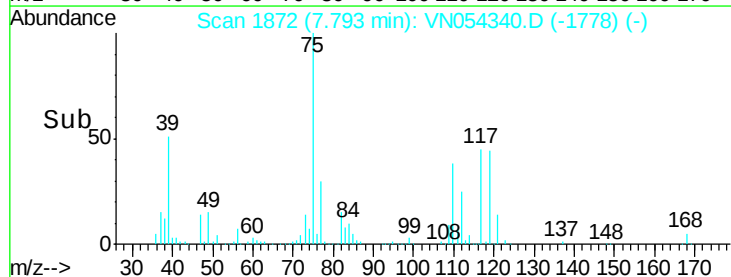
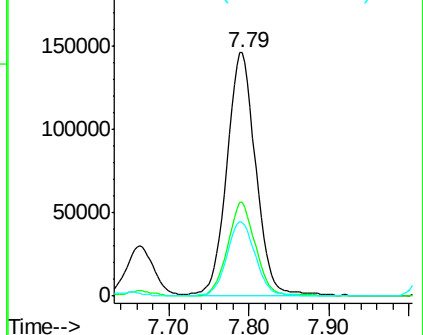
77 30.6 25.0 37.4

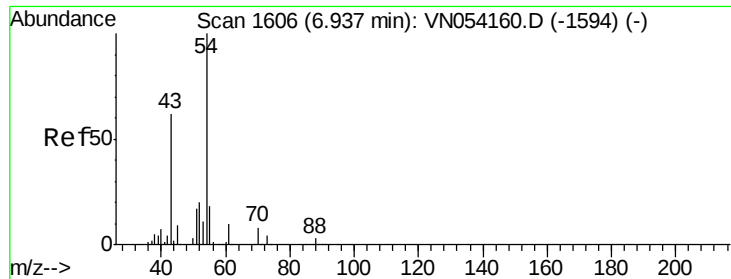


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

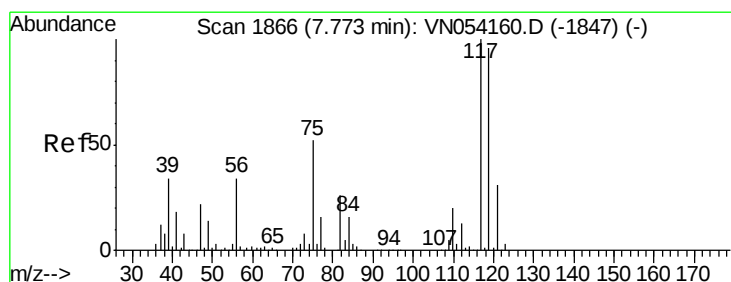
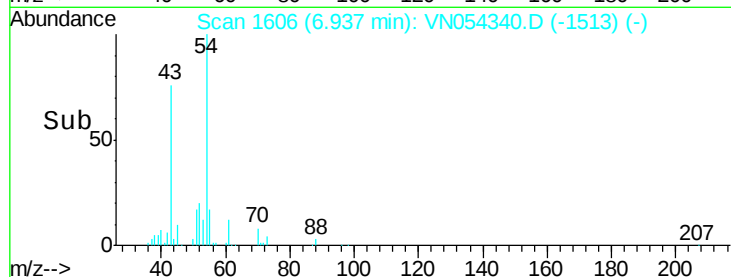
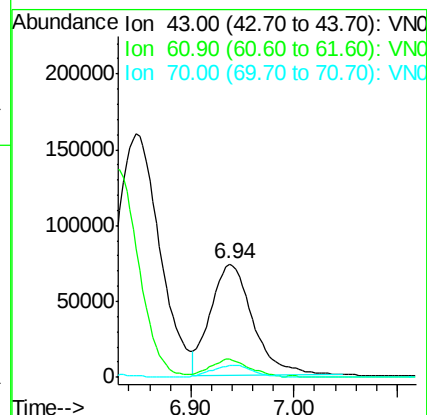
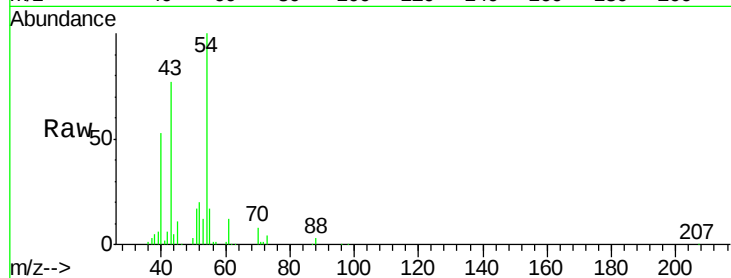




#37
Ethyl Acetate
Concen: 20.922 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VN054340.D
Acq: 16 Mar 2019 16:46

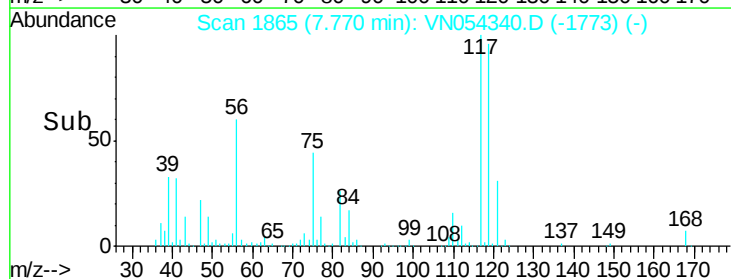
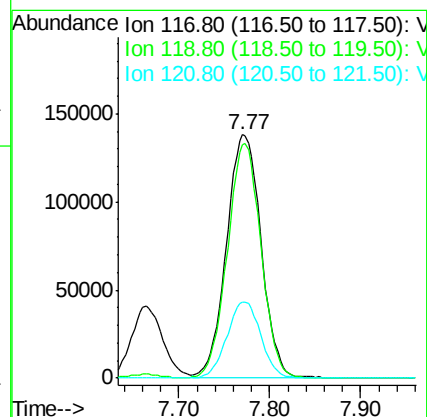
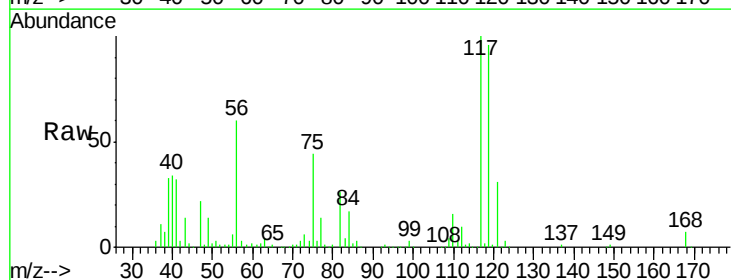
Instrument :
MSVOA_N
ClientSampled :
VN0316WBS01

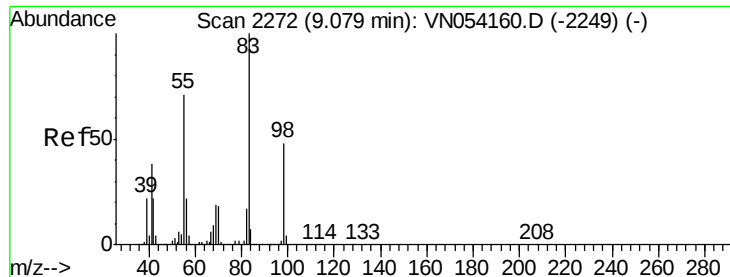
Tot Ion: 43 Resp: 208336
Ion Ratio Lower Upper
43 100
61 14.1 11.8 17.6
70 10.7 8.4 12.6



#38
Carbon Tetrachloride
Concen: 19.971 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN054340.D
Acq: 16 Mar 2019 16:46

Tgt Ion: 117 Resp: 362950
Ion Ratio Lower Upper
117 100
119 95.9 76.3 114.5
121 31.2 24.6 36.8

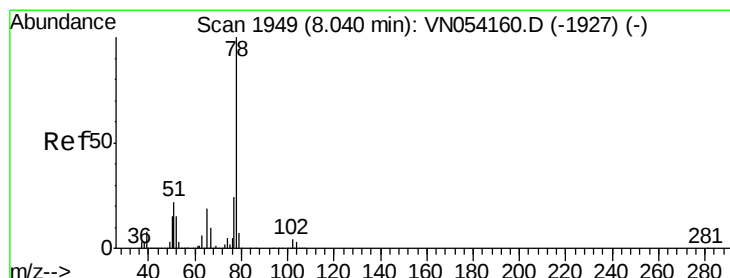
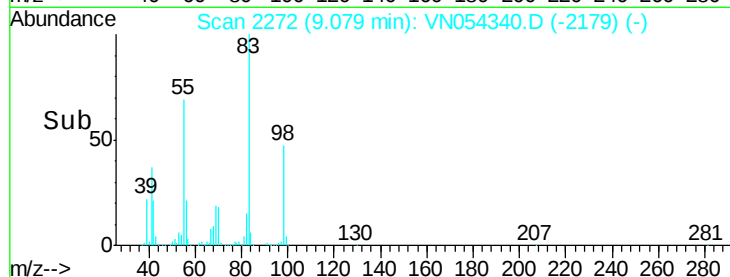
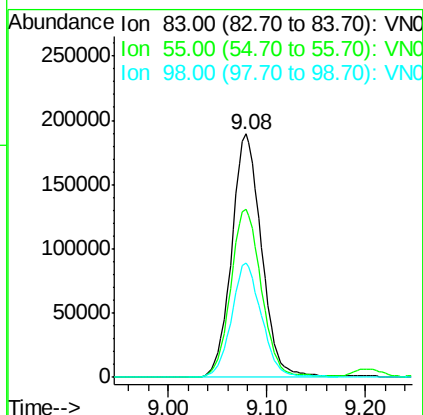
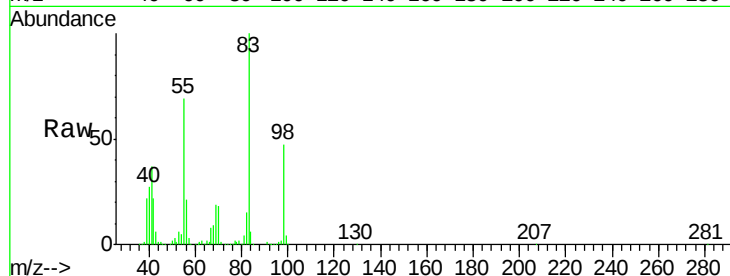




#39
Methvlcvclohexane
Concen: 18.751 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN054340.D
Acq: 16 Mar 2019 16:46

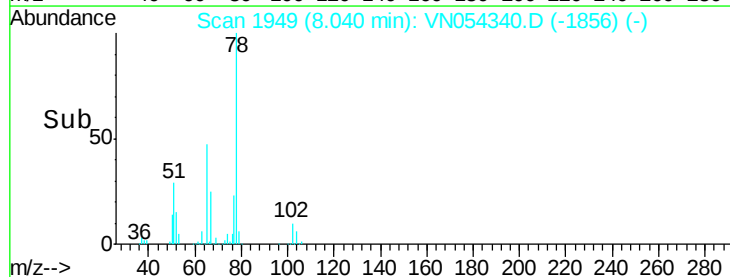
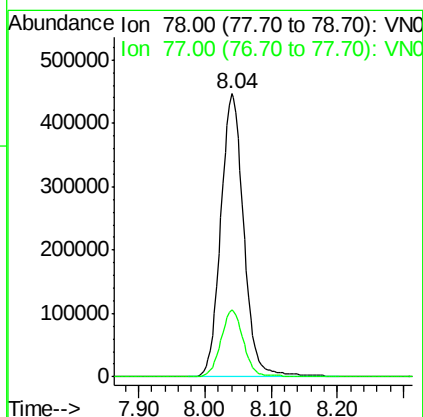
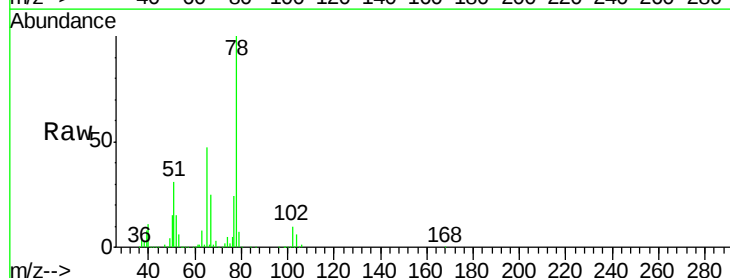
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01

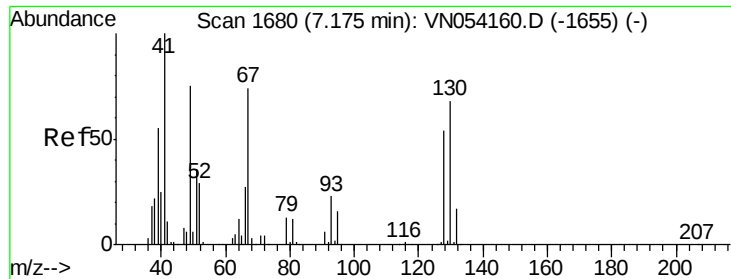
Tot Ion: 83 Resp: 399821
Ion Ratio Lower Upper
83 100
55 68.8 56.6 84.8
98 47.1 38.4 57.6



#40
Benzene
Concen: 21.727 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN054340.D
Acq: 16 Mar 2019 16:46

Tgt Ion: 78 Resp: 1077443
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7

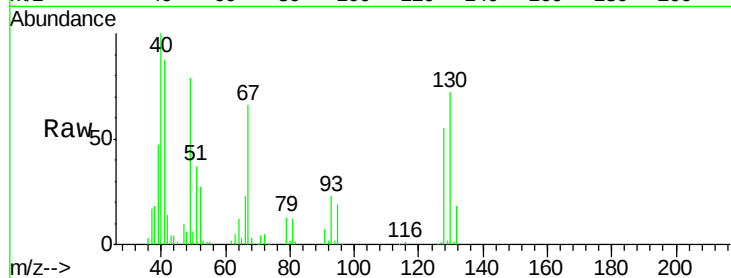




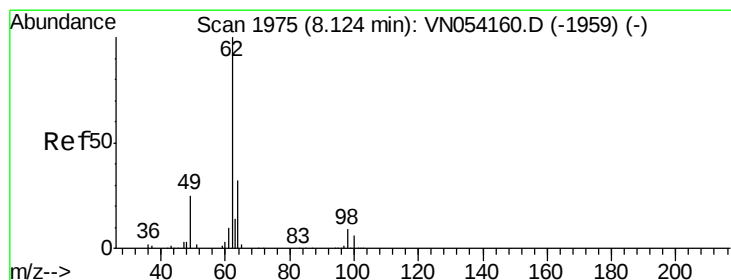
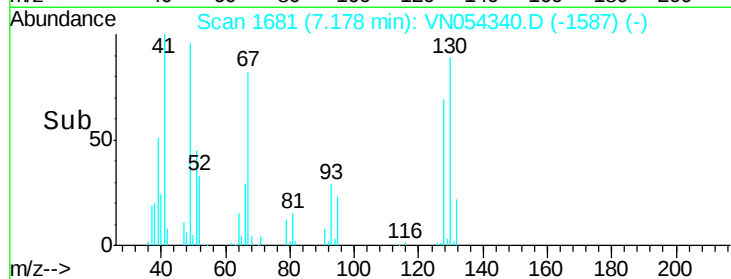
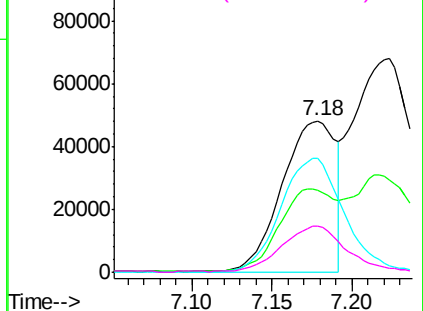
#41
Methacrylonitrile
Concen: 19.681 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN054340.D
Acq: 16 Mar 2019 16:46

Instrument :
MSVOA_N
ClientSampled :
VN0316WBS01

Tot Ion: 41 Resp: 111896
Ion Ratio Lower Upper
41 100
39 55.1 46.8 70.2
67 89.4 67.0 100.4
52 35.5 26.5 39.7

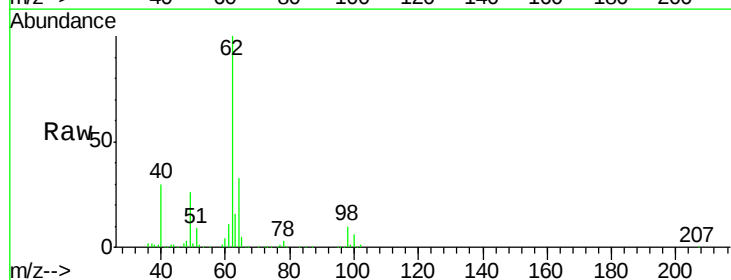


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

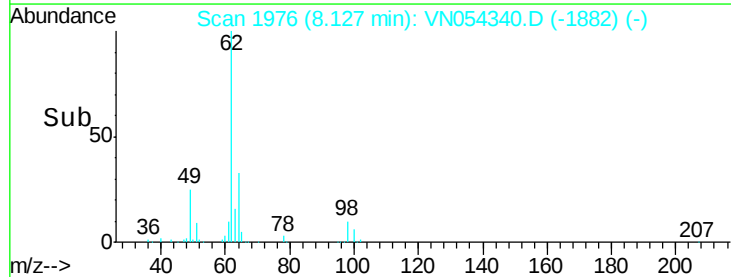
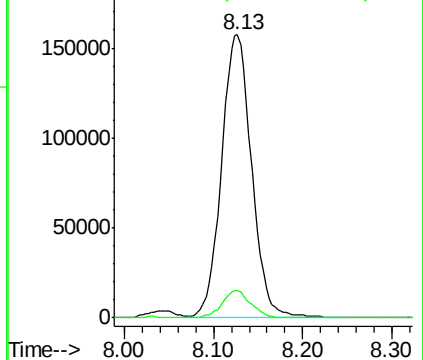


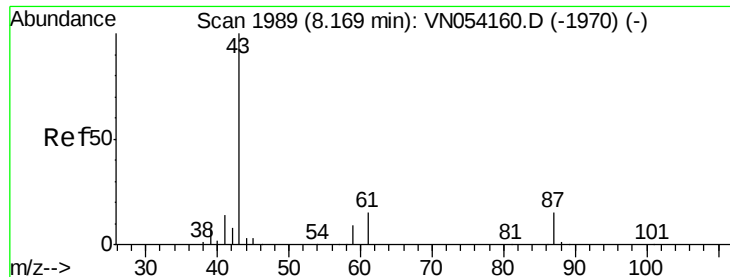
#42
1,2-Dichloroethane
Concen: 21.818 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN054340.D
Acq: 16 Mar 2019 16:46

Tgt Ion: 62 Resp: 365289
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.4



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





#43

Isopropyl Acetate

Concen: 19.615 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN0316WBS01

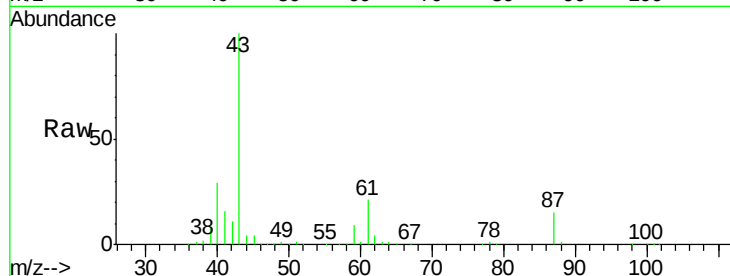
Tot Ion: 43 Resp: 342835

Ion Ratio Lower Upper

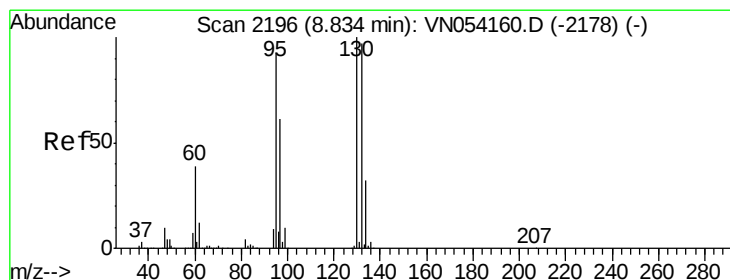
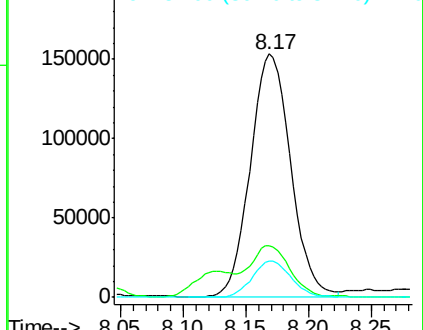
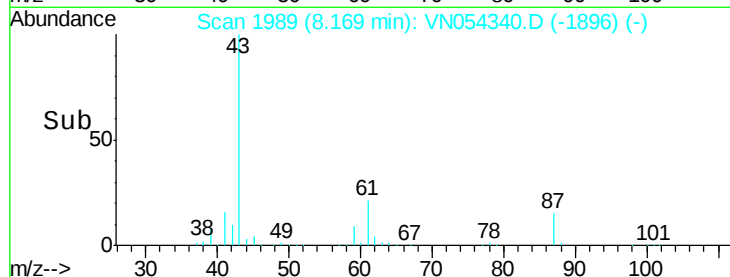
43 100

61 20.2 15.8 23.8

87 14.5 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VN054340.D (-1896) (-)



#44

Trichloroethene

Concen: 20.827 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN054340.D

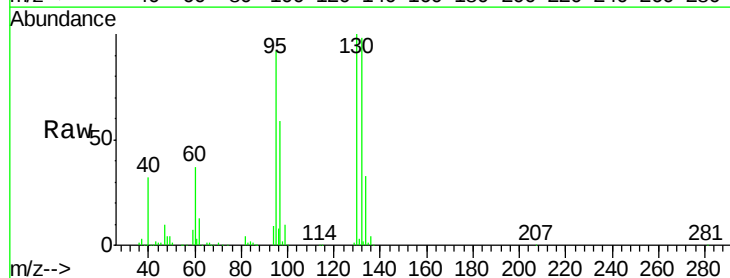
Acq: 16 Mar 2019 16:46

Tgt Ion:130 Resp: 320850

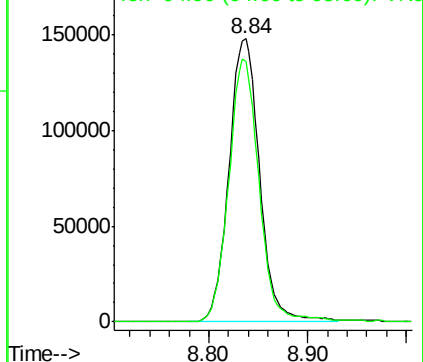
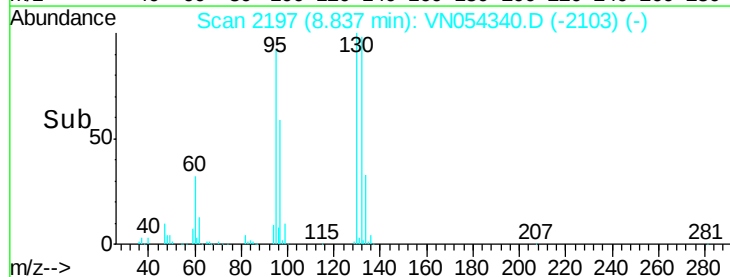
Ion Ratio Lower Upper

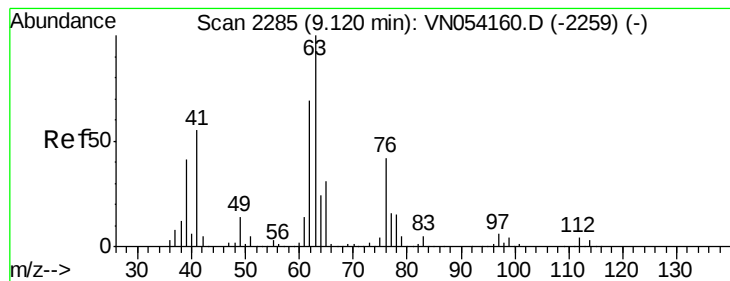
130 100

95 92.0 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): VN054340.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 21.812 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

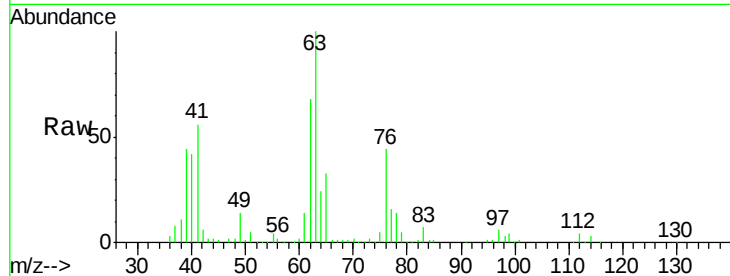
VN0316WBS01

Tot Ion: 63 Resp: 268589

Ion Ratio Lower Upper

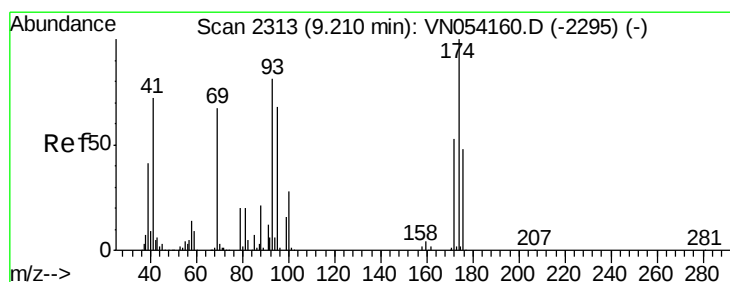
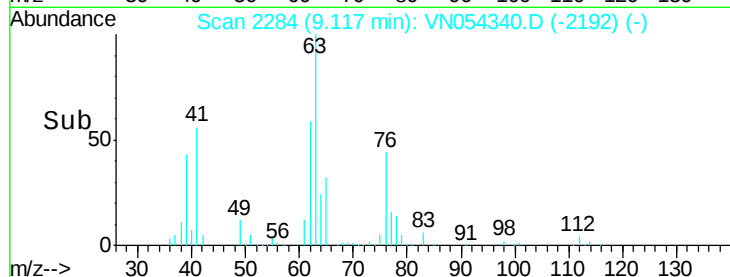
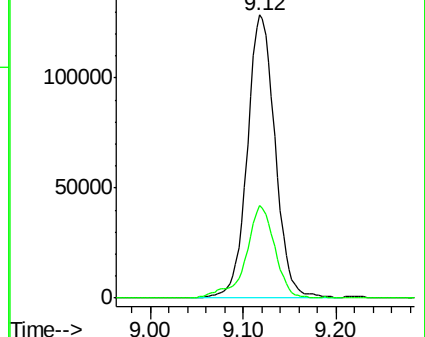
63 100

65 32.5 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 21.664 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

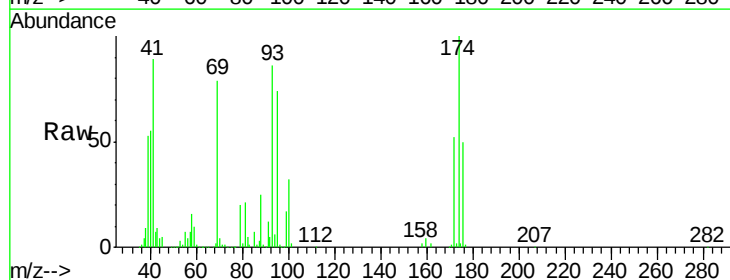
Tgt Ion: 93 Resp: 180246

Ion Ratio Lower Upper

93 100

95 85.9 66.7 100.1

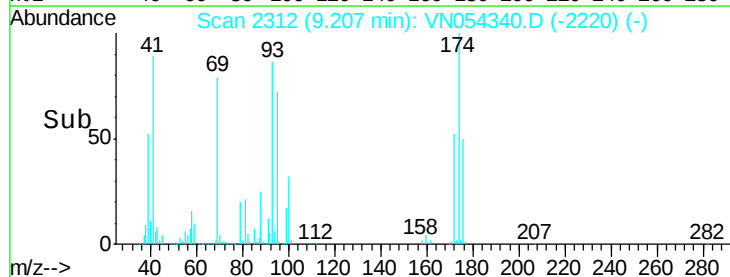
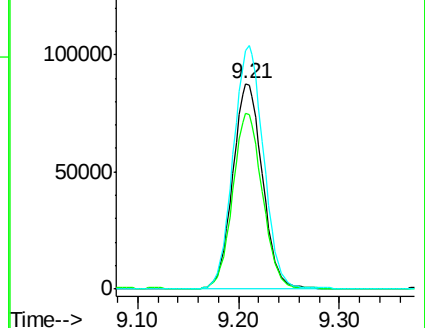
174 119.7 98.5 147.7

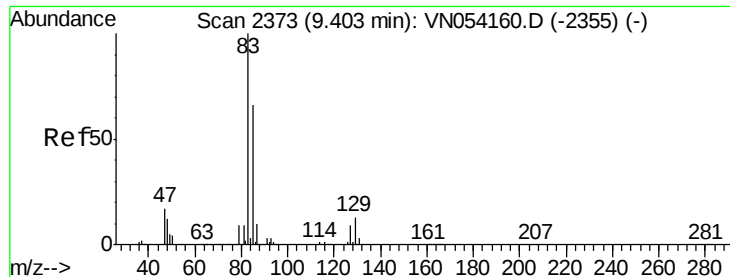


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.110 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN0316WBS01

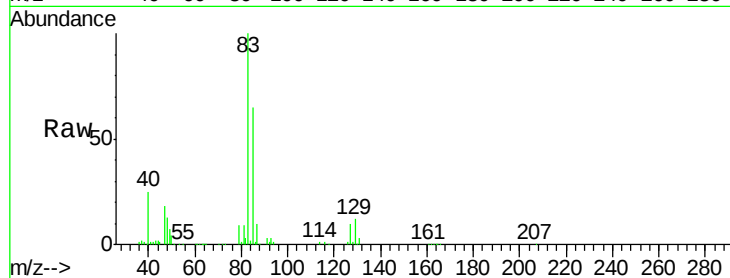
Tot Ion: 83 Resp: 352107

Ion Ratio Lower Upper

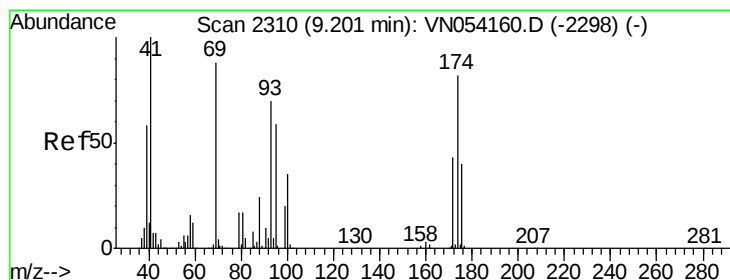
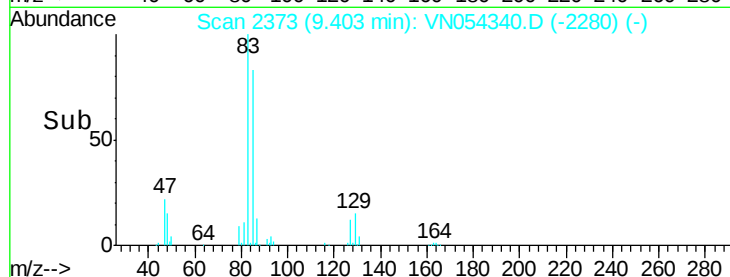
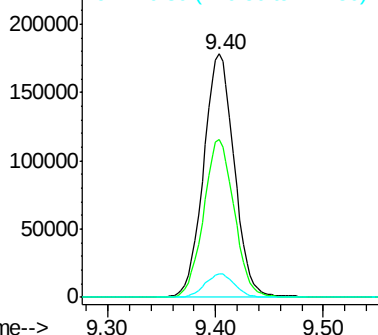
83 100

85 64.9 52.8 79.2

127 9.7 7.4 11.2



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



#48

Methyl methacrylate

Concen: 21.237 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

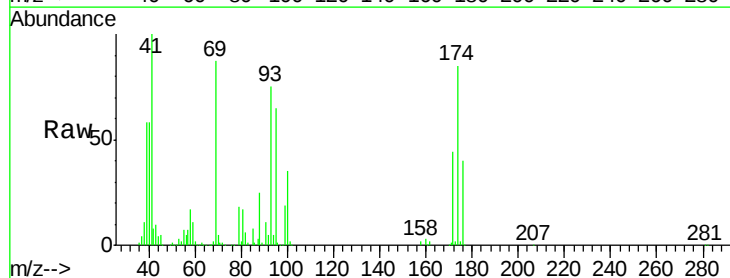
Tgt Ion: 41 Resp: 188370

Ion Ratio Lower Upper

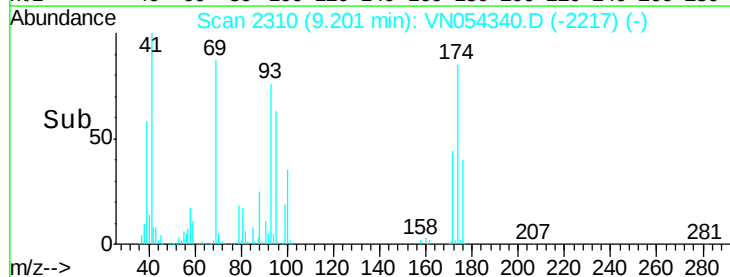
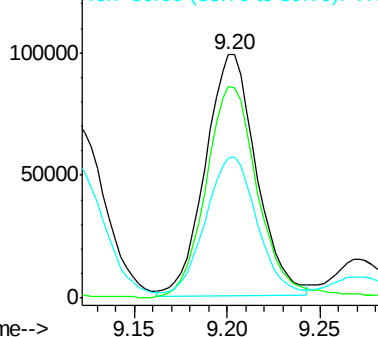
41 100

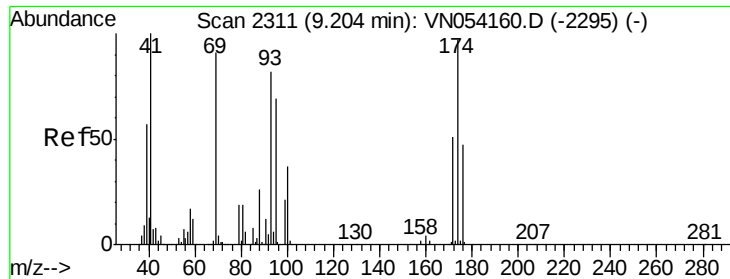
69 89.7 72.6 108.8

39 58.8 47.5 71.3



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

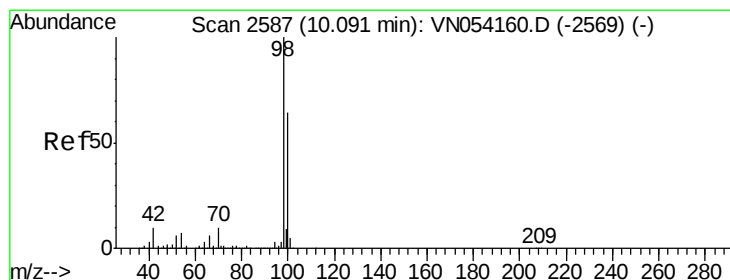
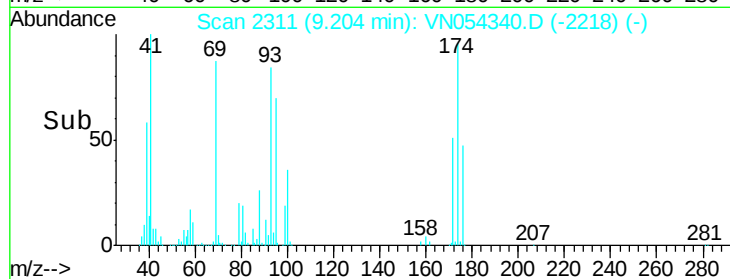
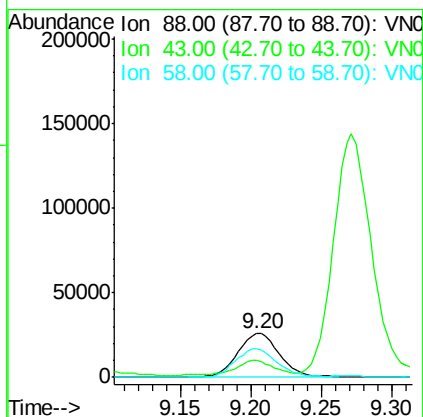
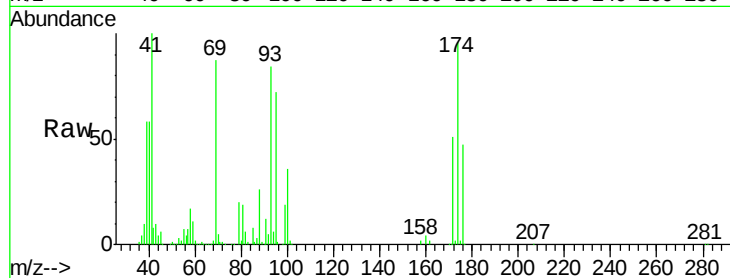




#49
1,4-Dioxane
Concen: 434.413 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN054340.D
Acq: 16 Mar 2019 16:46

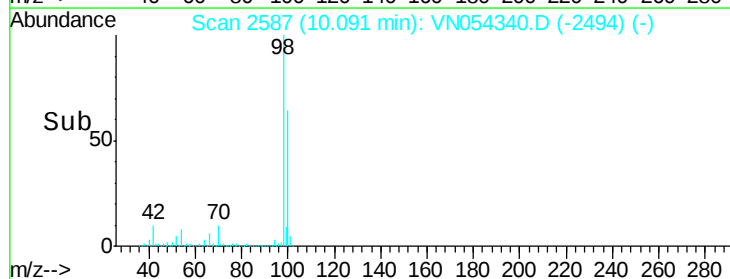
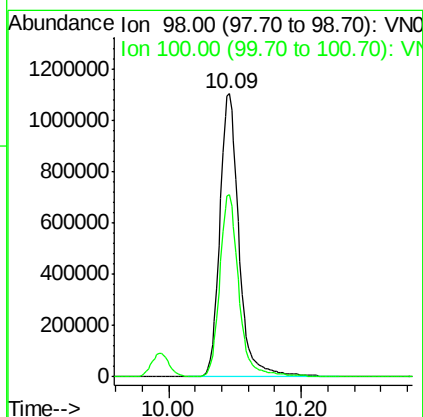
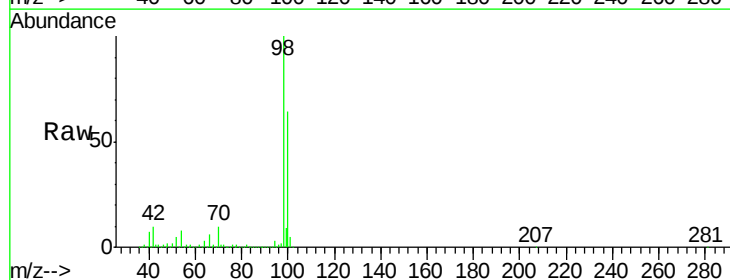
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01

Tot Ion: 88 Resp: 54503
Ion Ratio Lower Upper
88 100
43 29.2 24.1 36.1
58 64.7 50.8 76.2



#50
Toluene-d8
Concen: 49.564 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054340.D
Acq: 16 Mar 2019 16:46

Tgt Ion: 98 Resp: 2221644
Ion Ratio Lower Upper
98 100
100 63.7 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 109.143 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

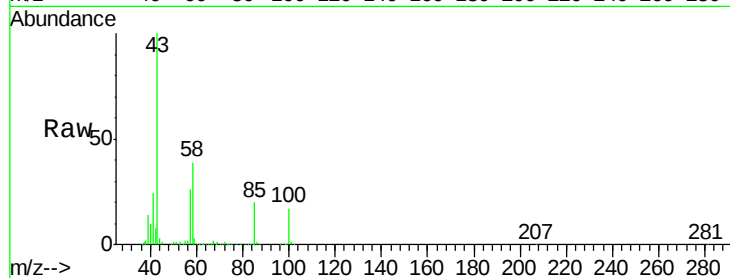
VN0316WBS01

Tot Ion: 43 Resp: 1009526

Ion Ratio Lower Upper

43 100

58 39.9 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

600000

500000

400000

300000

200000

100000

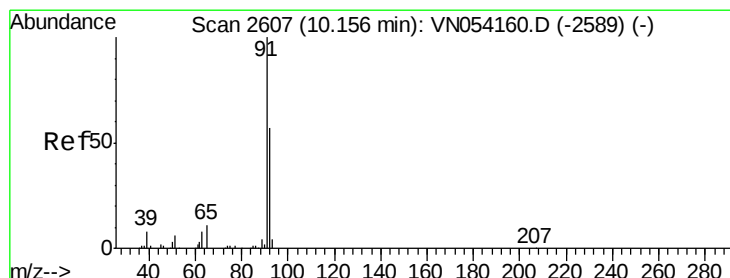
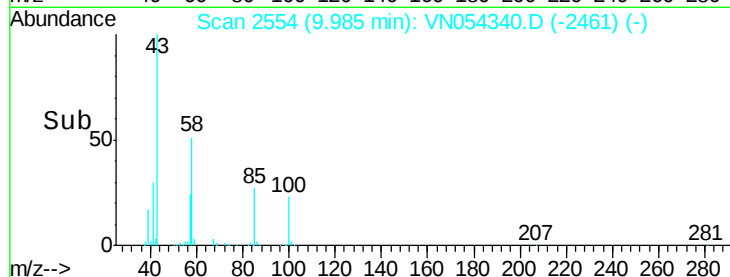
0

9.90

10.00

10.10

Time-->



#52

Toluene

Concen: 21.209 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054340.D

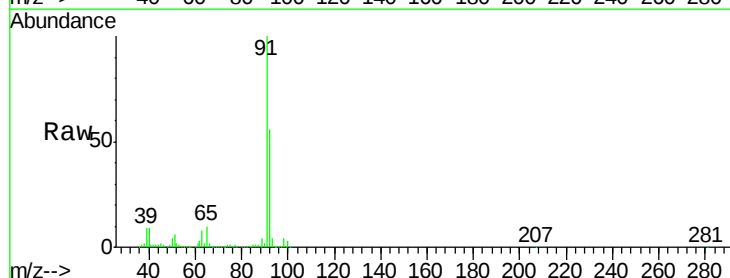
Acq: 16 Mar 2019 16:46

Tgt Ion: 92 Resp: 666906

Ion Ratio Lower Upper

92 100

91 176.4 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

600000

400000

200000

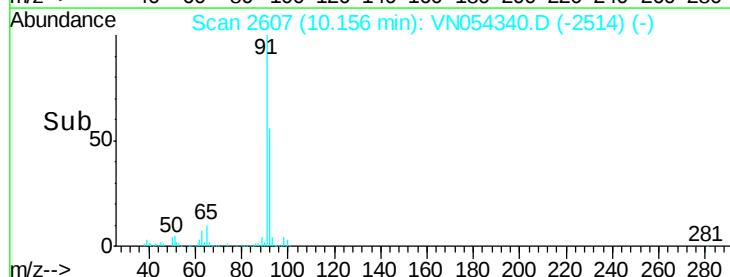
0

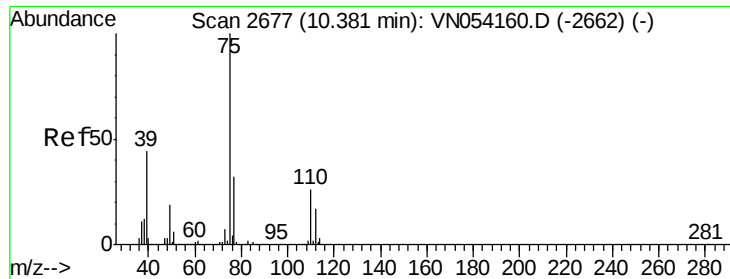
10.10

10.20

10.30

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.029 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

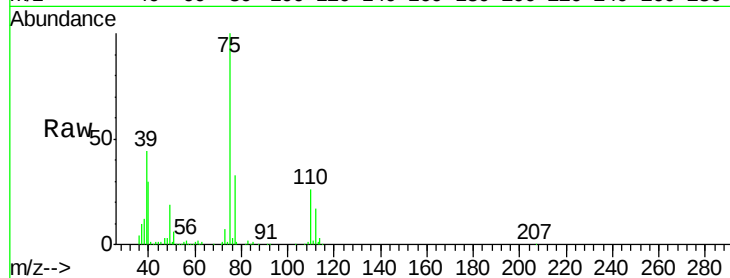
VN0316WBS01

Tot Ion: 75 Resp: 298844

Ion Ratio Lower Upper

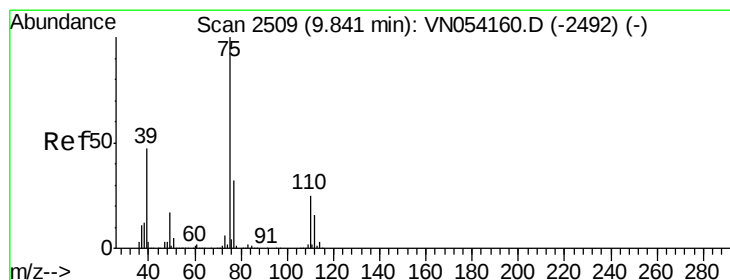
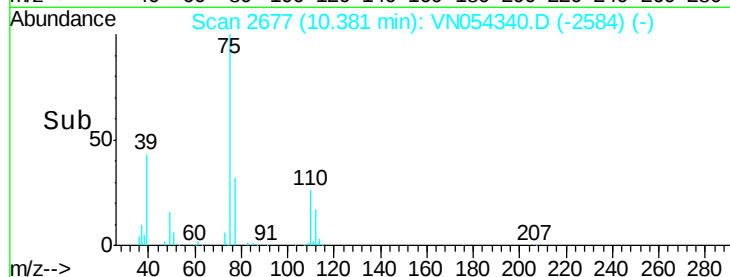
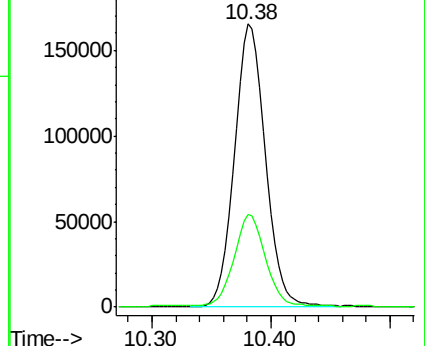
75 100

77 32.4 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.356 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

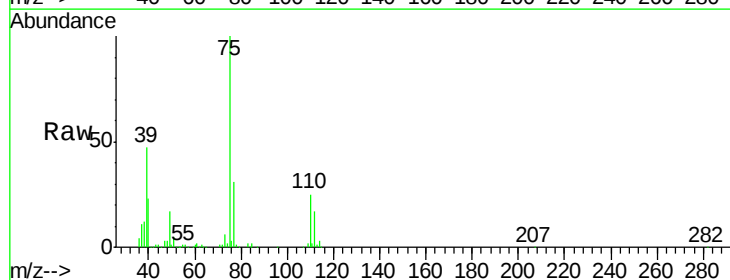
Tgt Ion: 75 Resp: 376215

Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.0

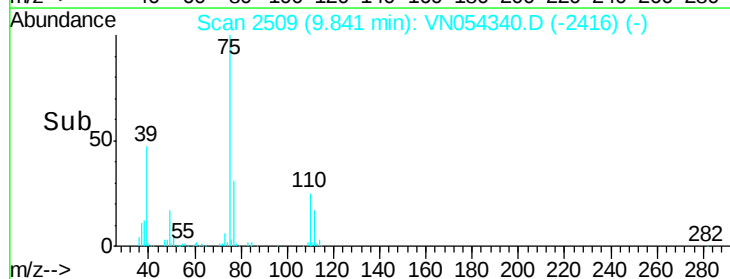
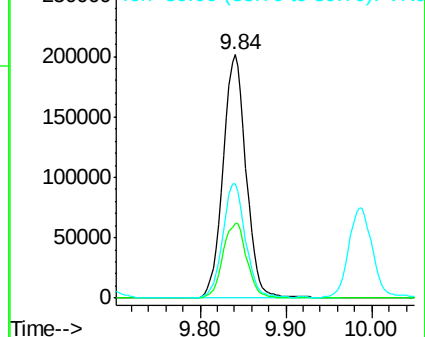
39 46.8 37.2 55.8

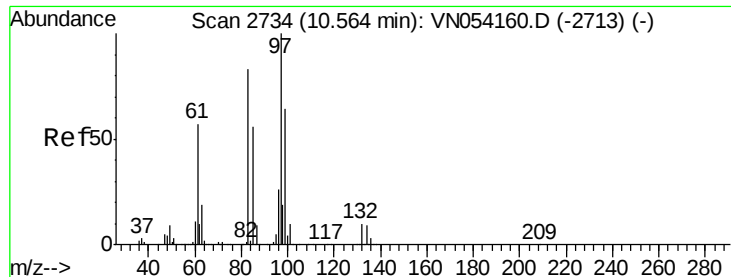


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

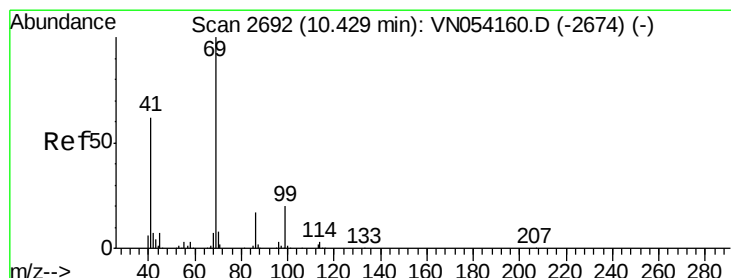
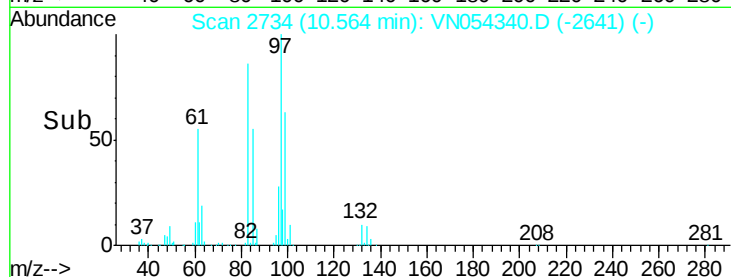
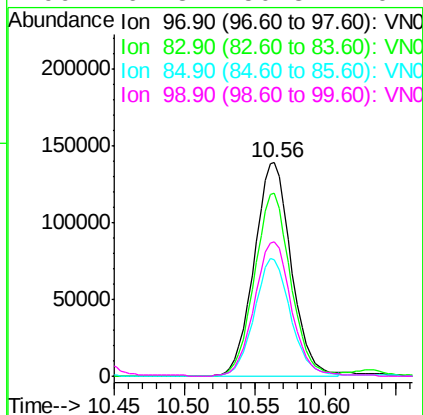
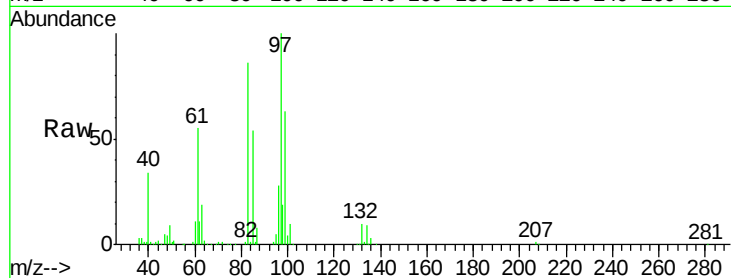




#55
 1,1,2-Trichloroethane
 Concen: 22.169 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN054340.D
 Acq: 16 Mar 2019 16:46

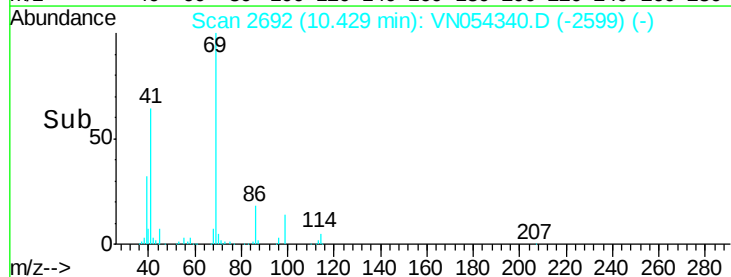
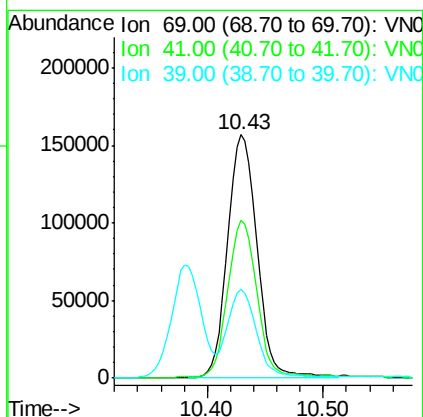
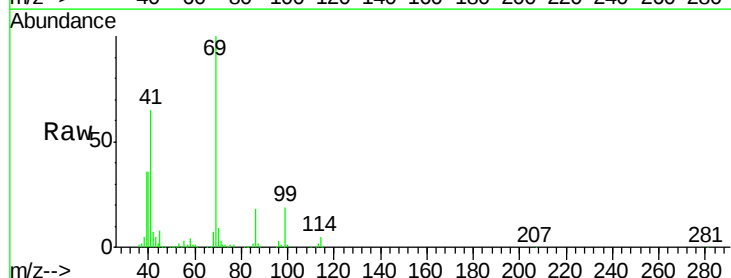
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0316WBS01

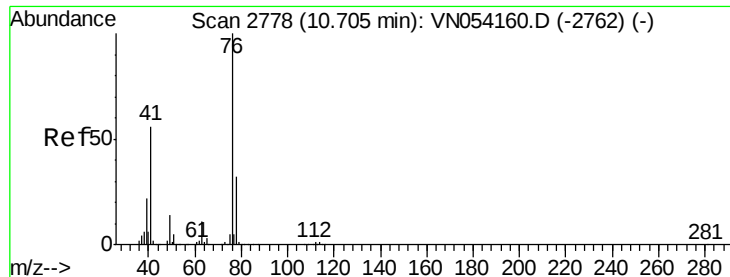
Tot Ion:	97	Resp:	254532
Ion	Ratio	Lower	Upper
97	100		
83	85.5	66.6	100.0
85	54.5	44.4	66.6
99	62.8	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 20.251 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN054340.D
 Acq: 16 Mar 2019 16:46

Tgt Ion:	69	Resp:	277238
Ion	Ratio	Lower	Upper
69	100		
41	62.2	49.4	74.2
39	34.6	28.3	42.5





#57

1,3-Dichloropropane

Concen: 21.664 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

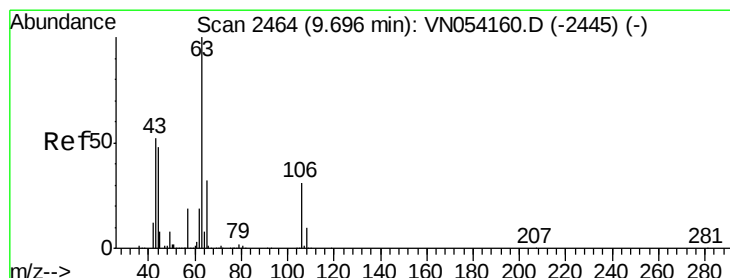
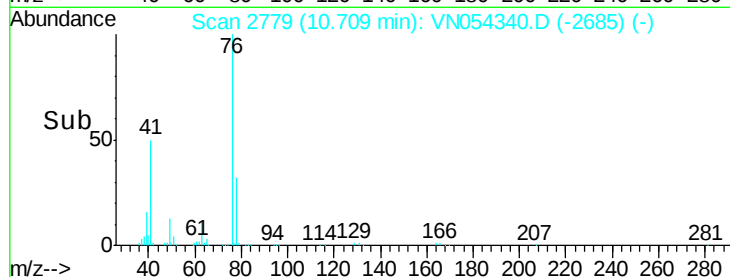
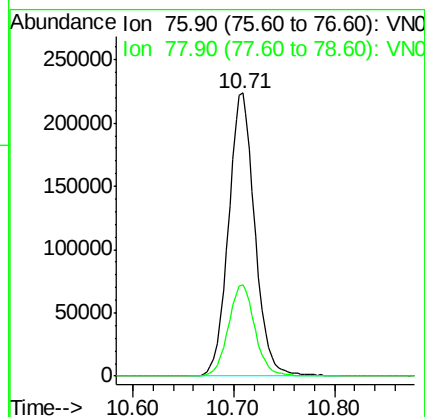
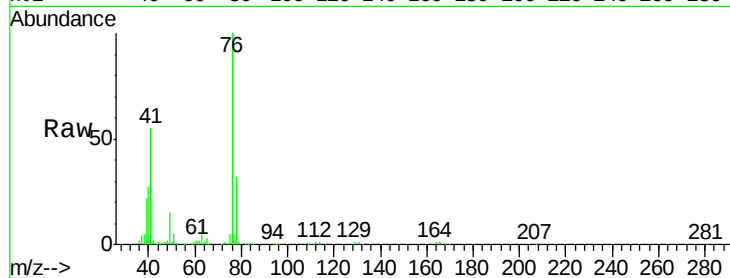
VN0316WBS01

Tot Ion: 76 Resp: 406722

Ion Ratio Lower Upper

76 100

78 32.7 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 100.645 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN054340.D

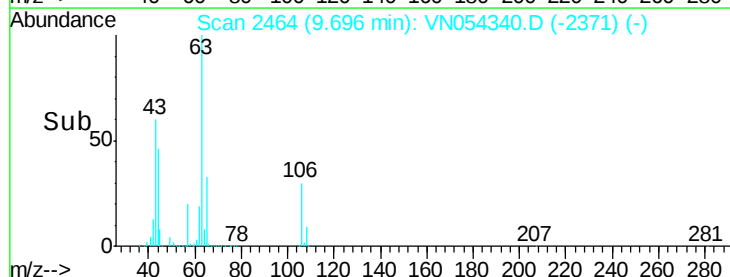
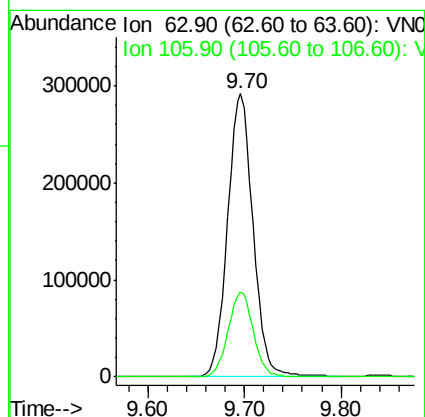
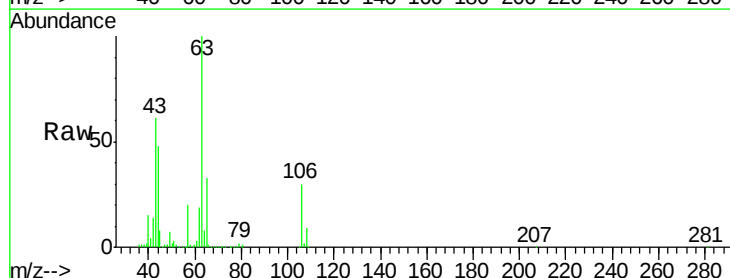
Acq: 16 Mar 2019 16:46

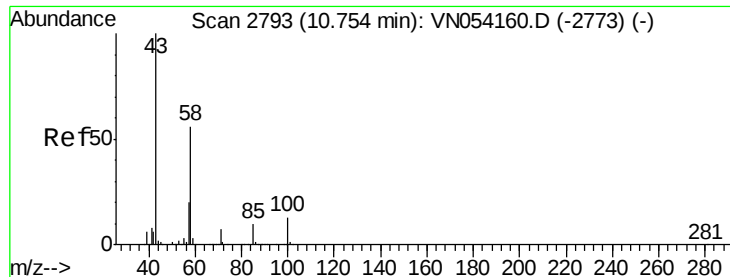
Tgt Ion: 63 Resp: 533750

Ion Ratio Lower Upper

63 100

106 29.5 24.4 36.6

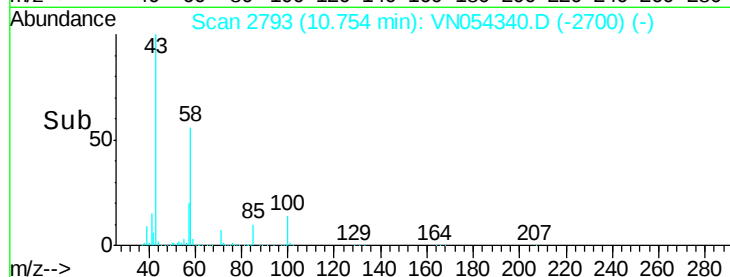
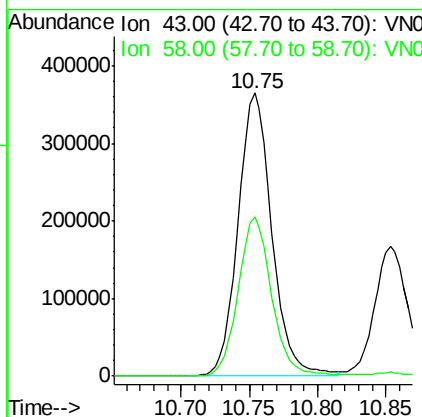
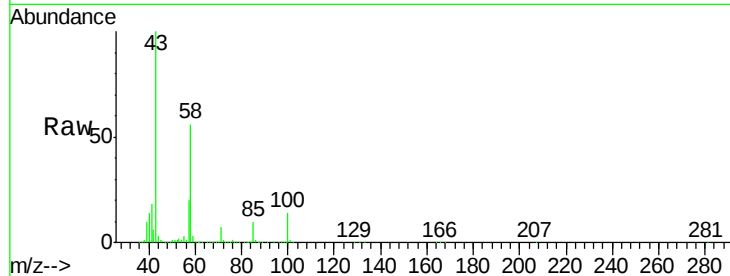




#59
2-Hexanone
Concen: 101.023 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN054340.D
Acq: 16 Mar 2019 16:46

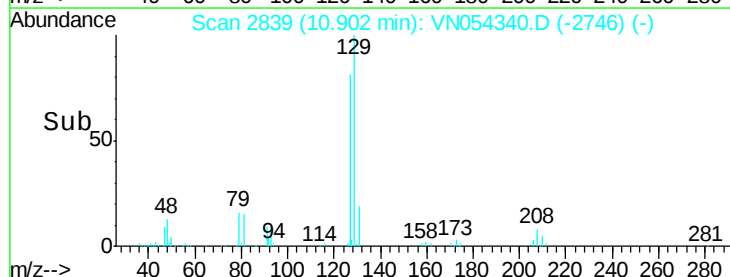
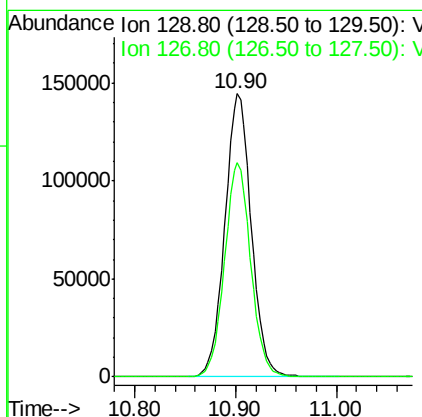
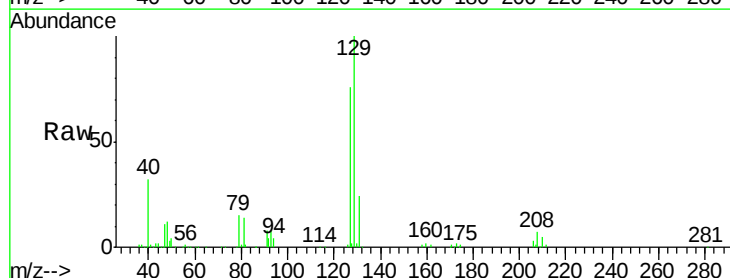
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01

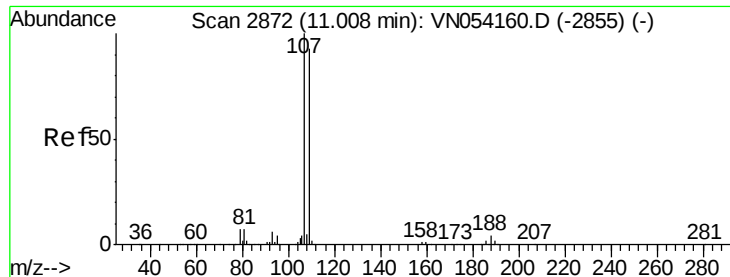
Tot Ion: 43 Resp: 621763
Ion Ratio Lower Upper
43 100
58 56.5 28.0 83.9



#60
Dibromochloromethane
Concen: 20.477 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN054340.D
Acq: 16 Mar 2019 16:46

Tgt Ion: 129 Resp: 264623
Ion Ratio Lower Upper
129 100
127 74.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 21.413 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

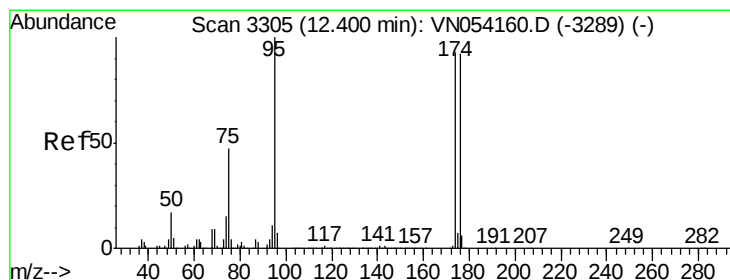
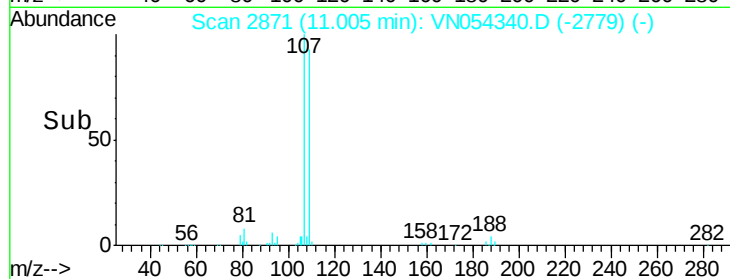
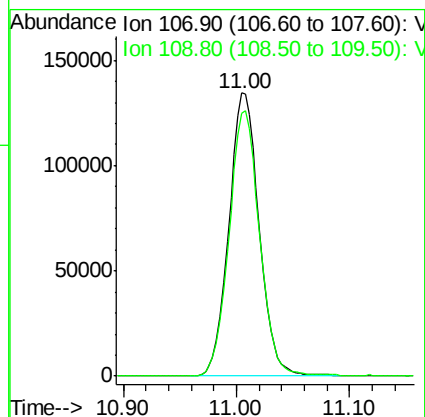
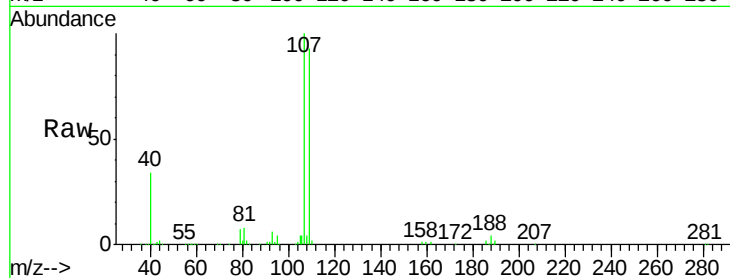
VN0316WBS01

Tot Ion:107 Resp: 249835

Ion Ratio Lower Upper

107 100

109 94.4 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 46.514 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

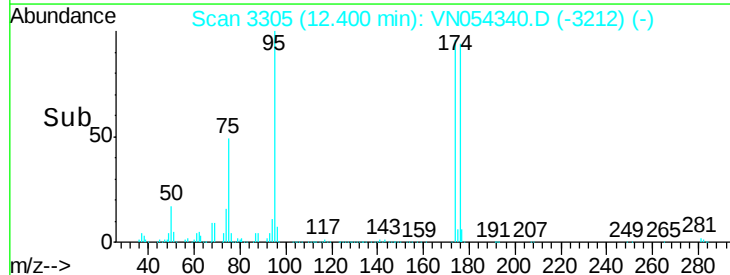
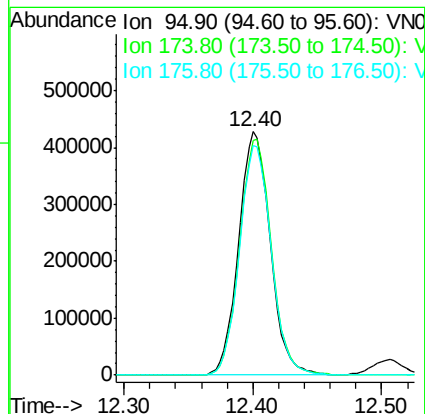
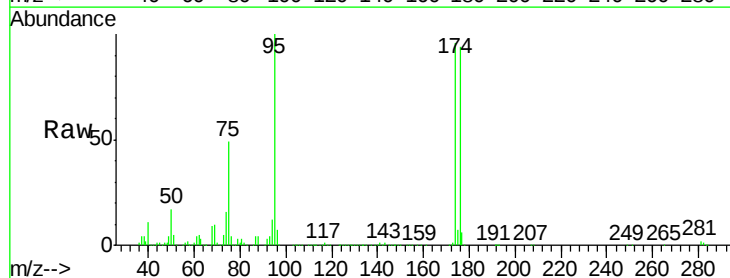
Tgt Ion: 95 Resp: 729512

Ion Ratio Lower Upper

95 100

174 97.5 0.0 191.0

176 94.8 0.0 187.4

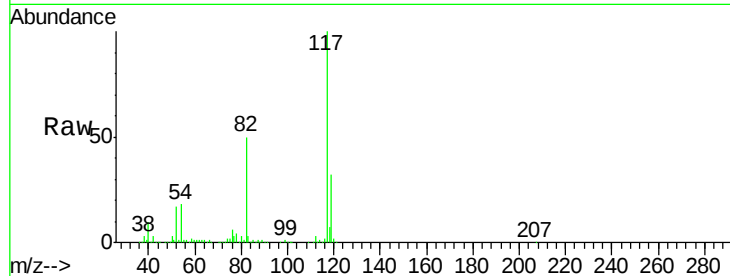




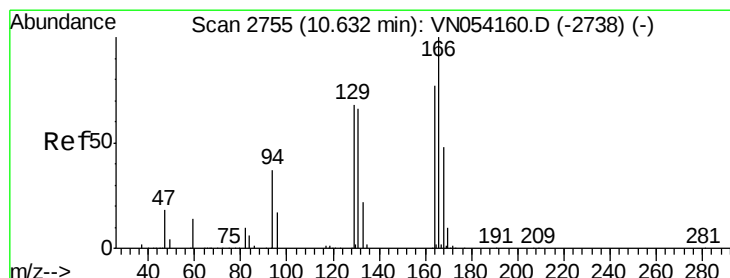
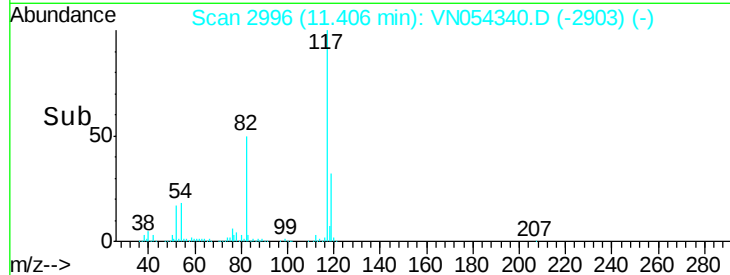
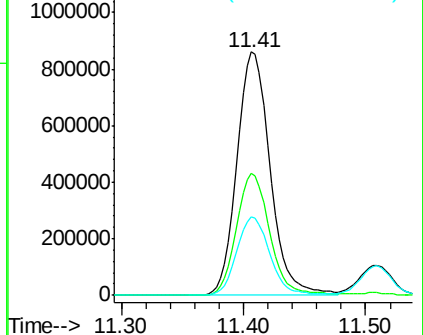
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054340.D
Acq: 16 Mar 2019 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01

Tot Ion:117 Resp: 1622947
Ion Ratio Lower Upper
117 100
82 50.0 40.0 60.0
119 32.2 25.8 38.6

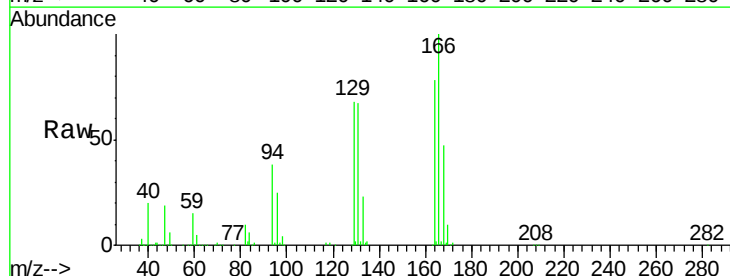


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

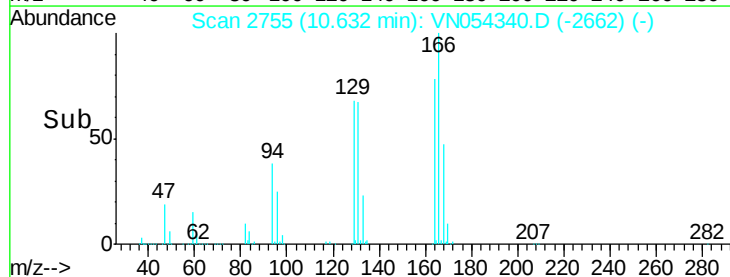
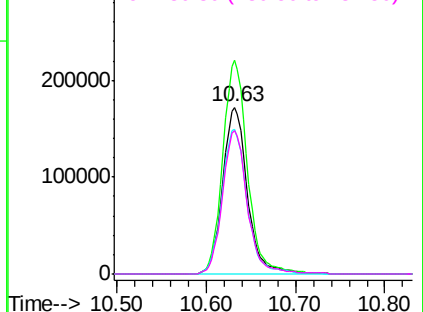


#64
Tetrachloroethene
Concen: 21.114 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN054340.D
Acq: 16 Mar 2019 16:46

Tgt Ion:164 Resp: 331304
Ion Ratio Lower Upper
164 100
166 128.1 103.9 155.9
129 86.7 71.1 106.7
131 86.2 68.2 102.4



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





#65

Chlorobenzene

Concen: 21.468 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

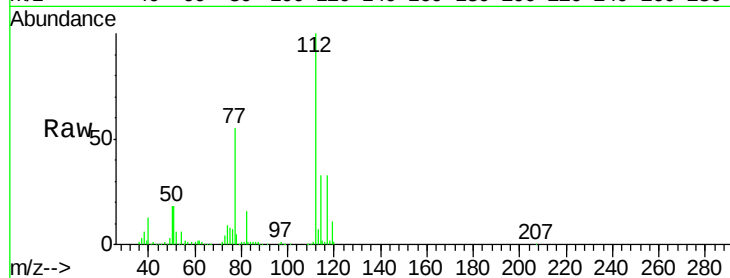
VN0316WBS01

Tot Ion:112 Resp: 765017

Ion Ratio Lower Upper

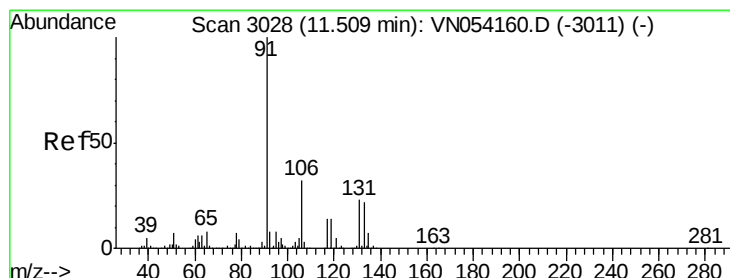
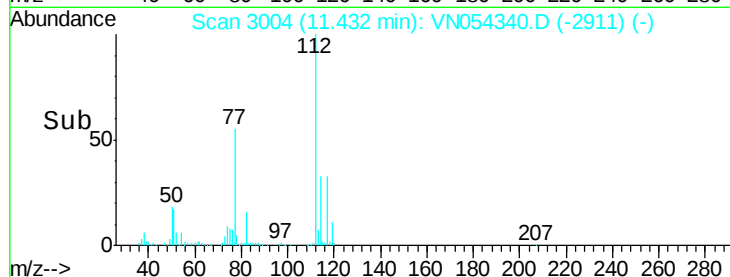
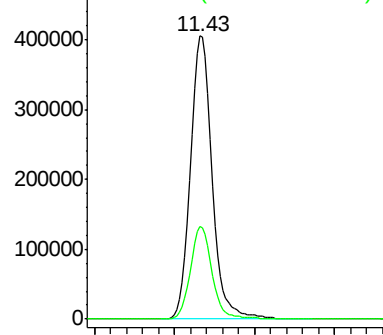
112 100

114 32.5 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.500 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

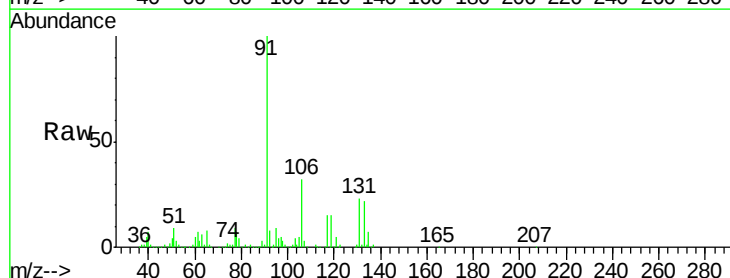
Tgt Ion:131 Resp: 278326

Ion Ratio Lower Upper

131 100

133 95.1 47.6 142.9

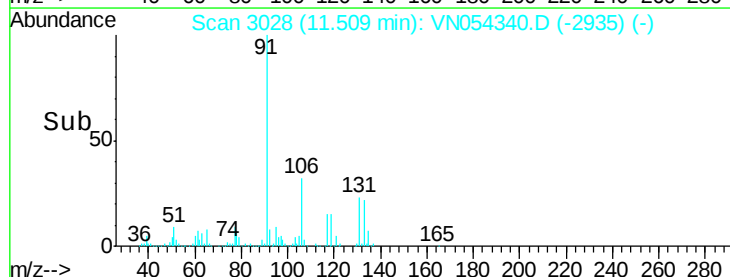
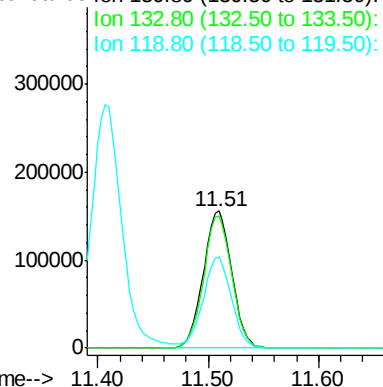
119 66.6 32.4 97.0

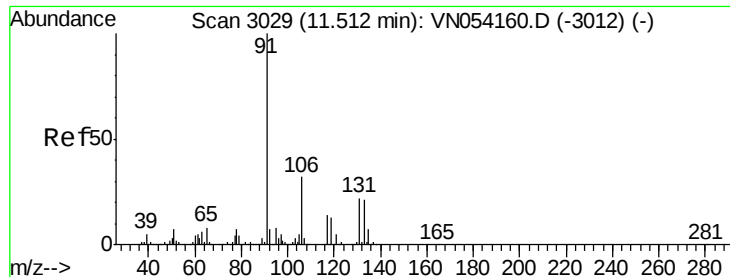


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 21.114 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Instrument :

MSVOA_N

ClientSampled :

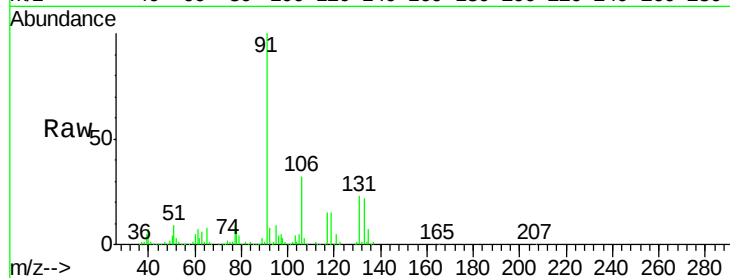
VN0316WBS01

Tot Ion: 91 Resp: 1247237

Ion Ratio Lower Upper

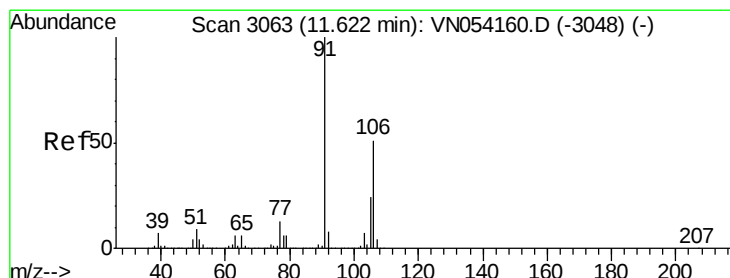
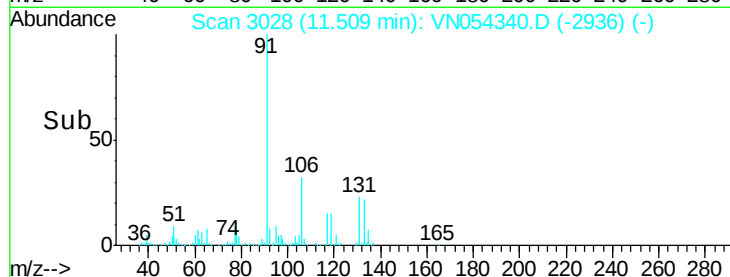
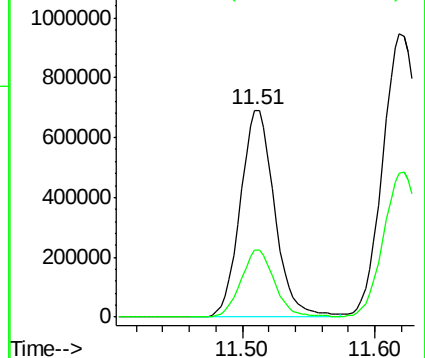
91 100

106 32.3 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VN054160.D (-3012) (-)

Ion 106.00 (105.70 to 106.70): VN054160.D (-3012) (-)



#68

m/p-Xylenes

Concen: 42.311 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN054340.D

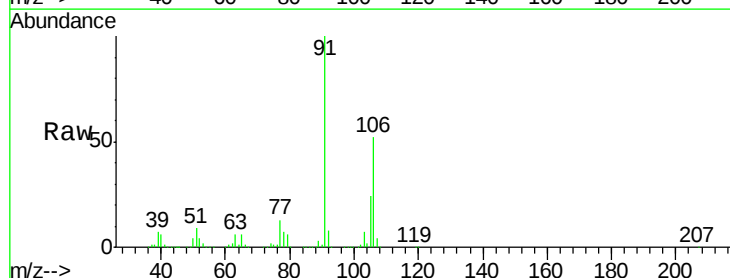
Acq: 16 Mar 2019 16:46

Tgt Ion: 106 Resp: 976888

Ion Ratio Lower Upper

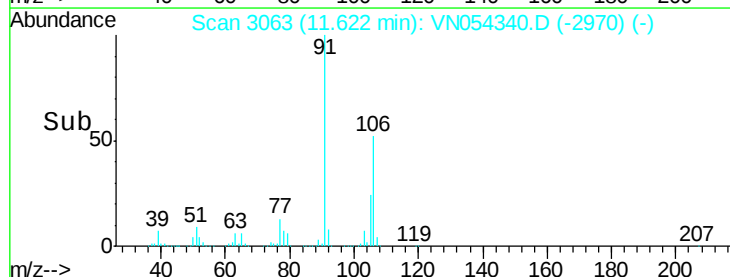
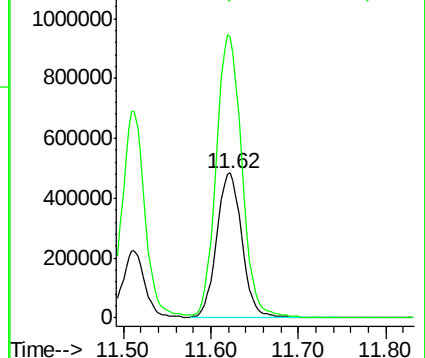
106 100

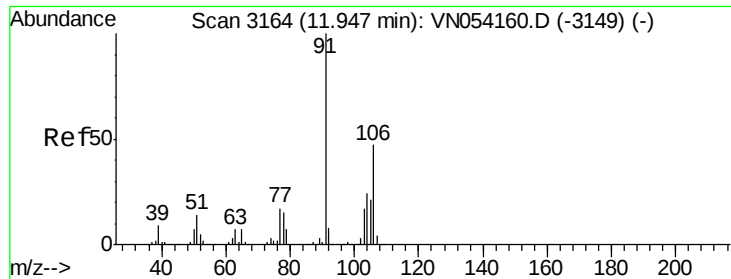
91 198.0 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): VN054160.D (-3048) (-)

Ion 91.00 (90.70 to 91.70): VN054160.D (-3048) (-)

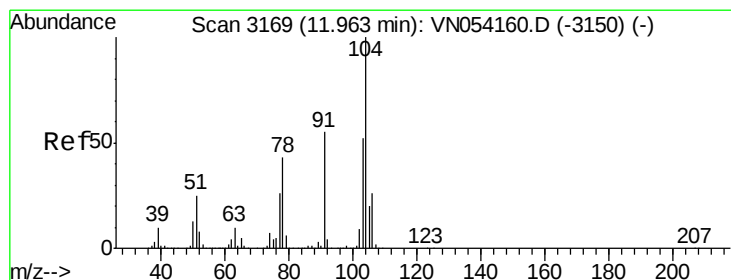
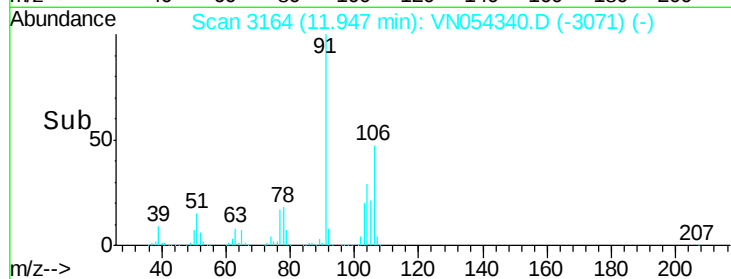
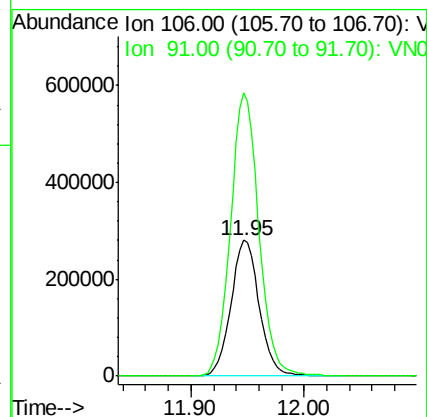
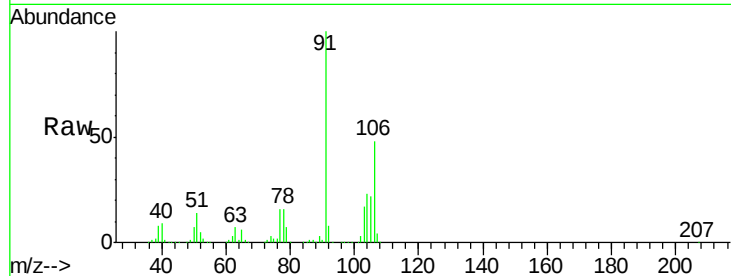




#69
o-Xylene
Concen: 21.646 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054340.D
Acq: 16 Mar 2019 16:46

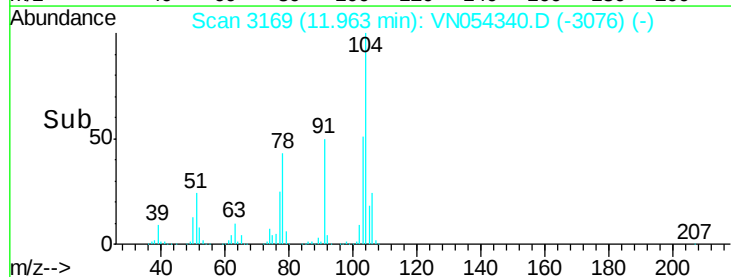
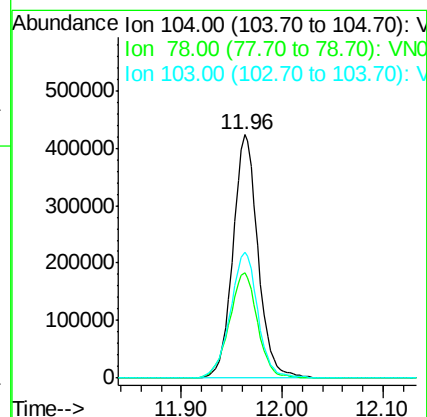
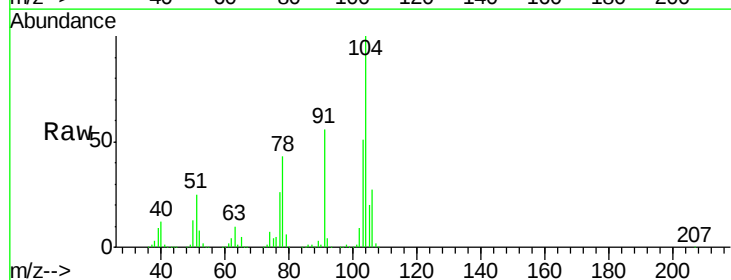
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01

Tot Ion:106 Resp: 487188
Ion Ratio Lower Upper
106 100
91 208.9 105.7 317.1



#70
Styrene
Concen: 20.837 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN054340.D
Acq: 16 Mar 2019 16:46

Tgt Ion:104 Resp: 735513
Ion Ratio Lower Upper
104 100
78 48.7 38.2 57.2
103 56.7 44.4 66.6





#71

Bromoform

Concen: 18.074 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN0316WBS01

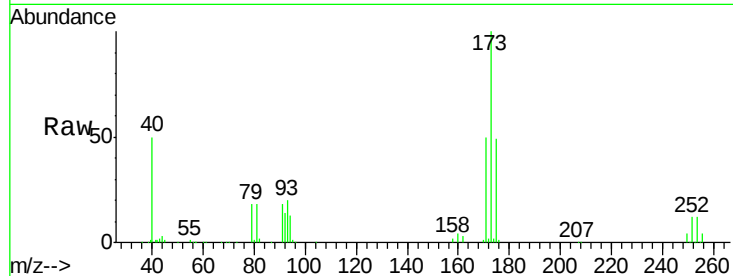
Tot Ion:173 Resp: 162820

Ion Ratio Lower Upper

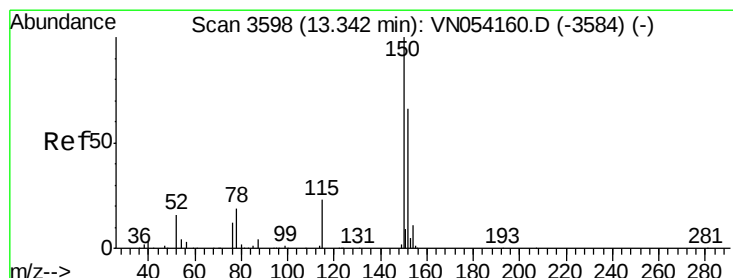
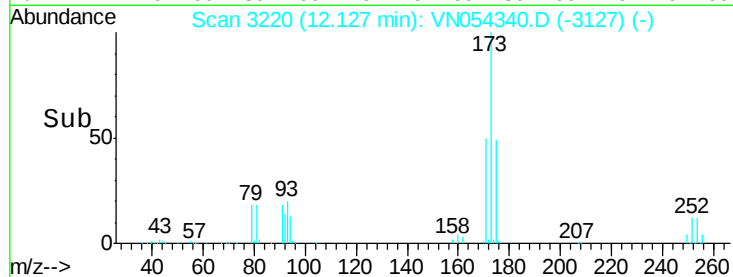
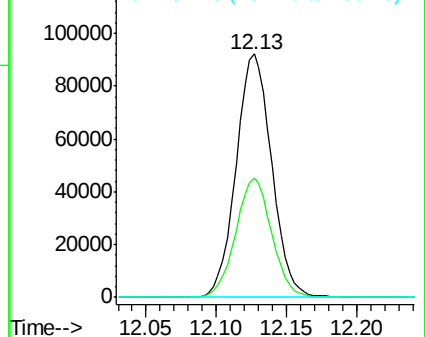
173 100

175 49.4 24.4 73.2

254 0.1 0.1 0.1



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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

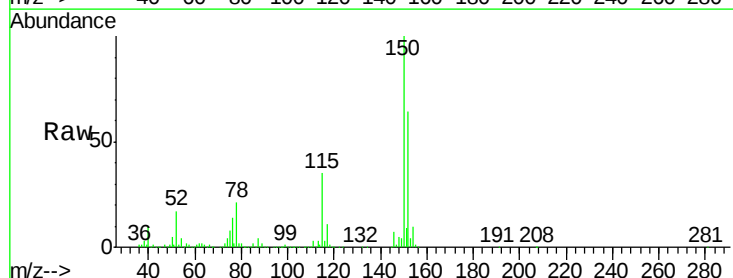
Tgt Ion:152 Resp: 718467

Ion Ratio Lower Upper

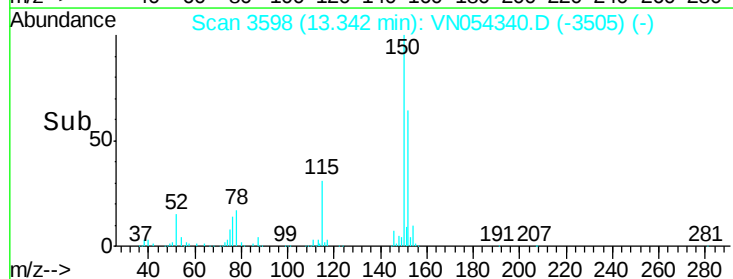
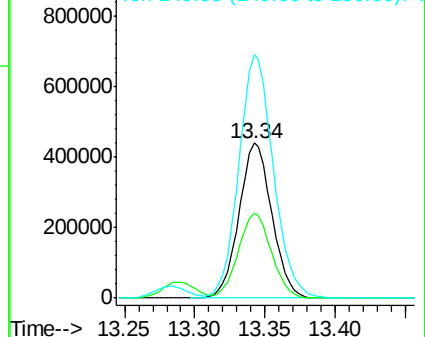
152 100

115 55.0 27.2 81.6

150 164.4 0.0 349.2



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: 22.060 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

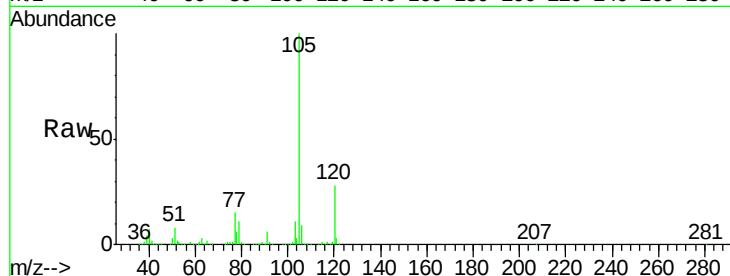
VN0316WBS01

Tot Ion:105 Resp: 1268022

Ion Ratio Lower Upper

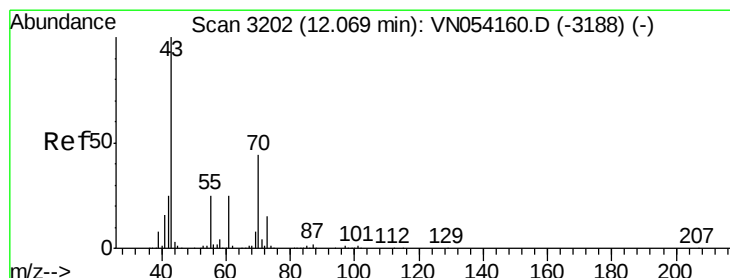
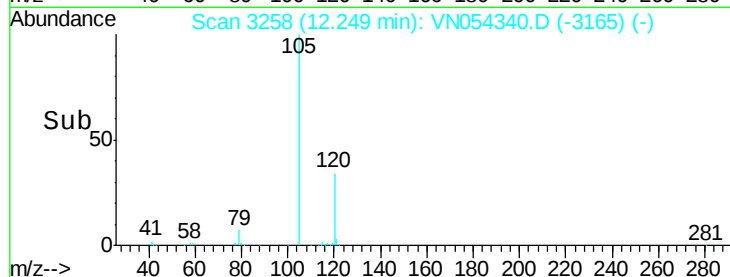
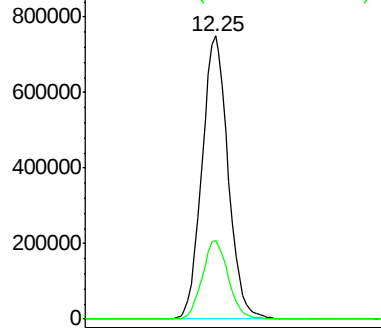
105 100

120 27.6 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.699 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Tgt Ion: 43 Resp: 264103

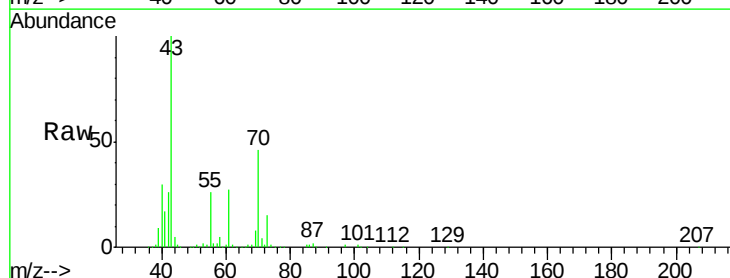
Ion Ratio Lower Upper

43 100

70 46.0 35.4 53.0

55 26.5 19.8 29.6

61 26.4 19.8 29.6

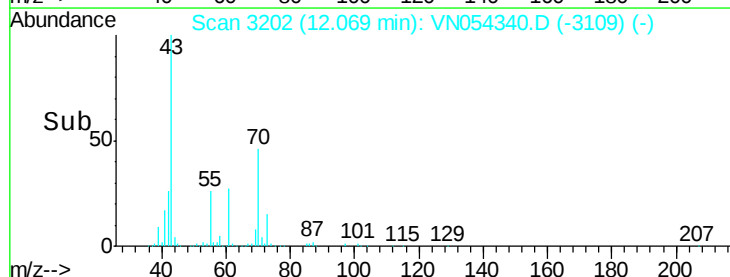
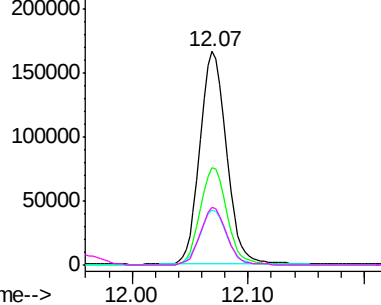


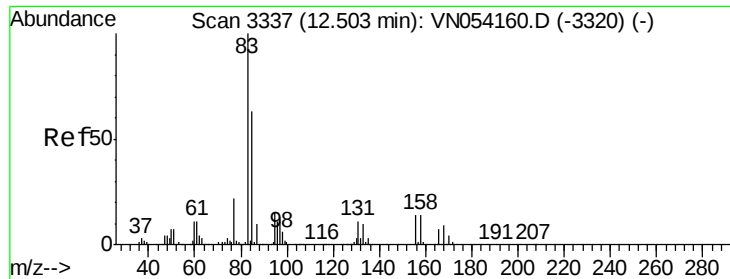
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 23.008 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN0316WBS01

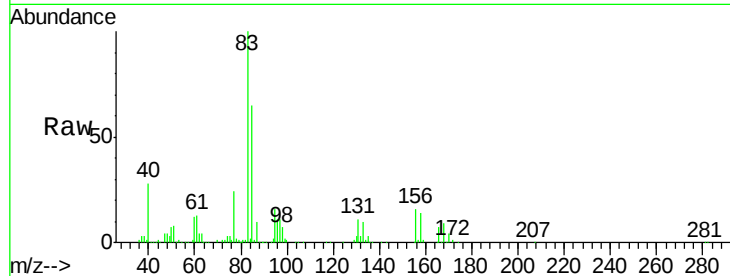
Tot Ion: 83 Resp: 281773

Ion Ratio Lower Upper

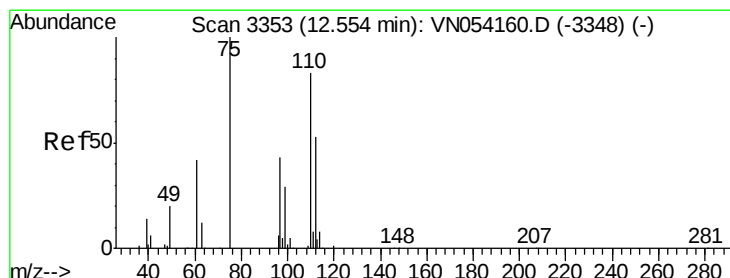
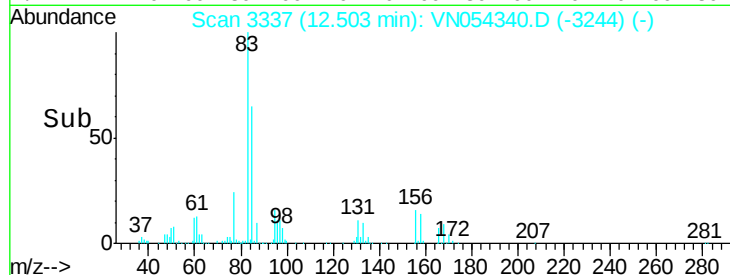
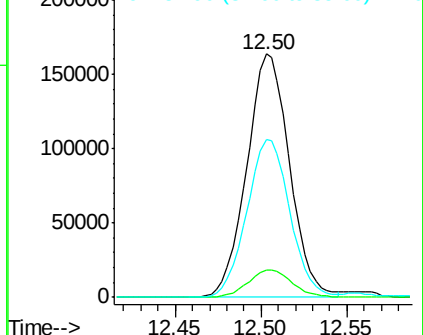
83 100

131 11.5 5.8 17.4

85 65.4 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 30.719 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054340.D

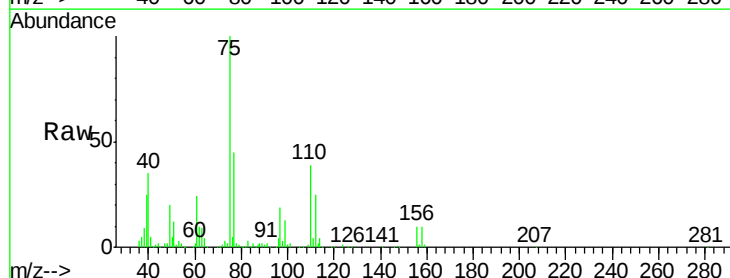
Acq: 16 Mar 2019 16:46

Tgt Ion: 75 Resp: 324562

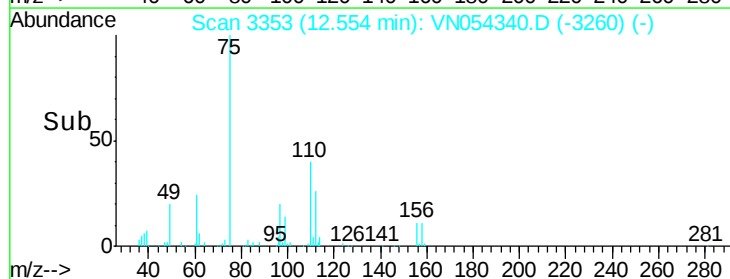
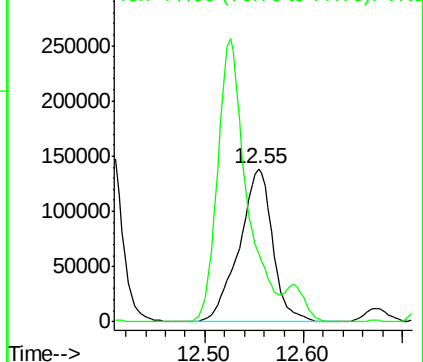
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 21.889 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN0316WBS01

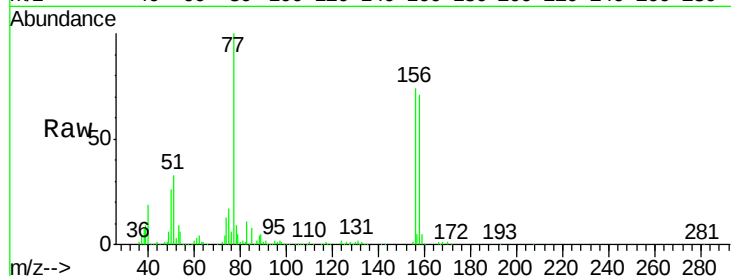
Tot Ion:156 Resp: 332950

Ion Ratio Lower Upper

156 100

77 158.6 81.5 244.4

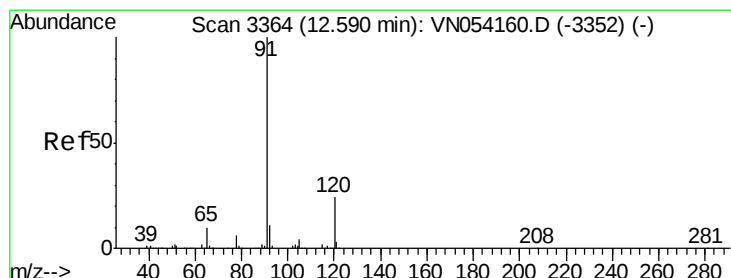
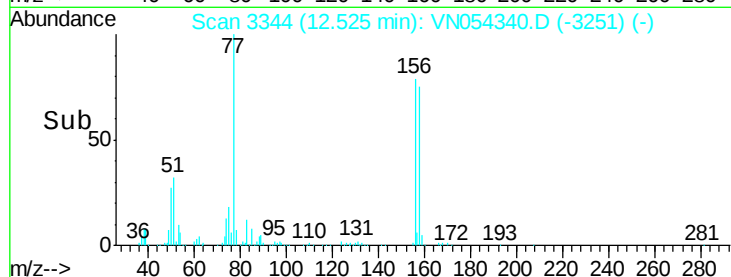
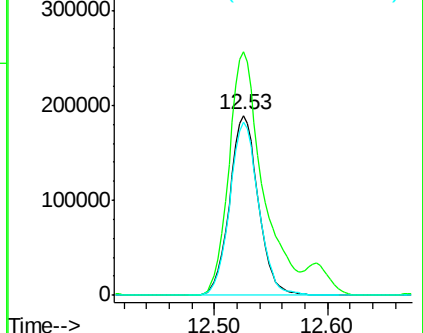
158 97.3 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.280 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054340.D

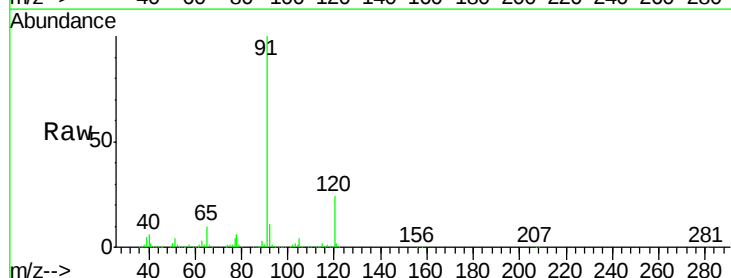
Acq: 16 Mar 2019 16:46

Tgt Ion: 91 Resp: 1327293

Ion Ratio Lower Upper

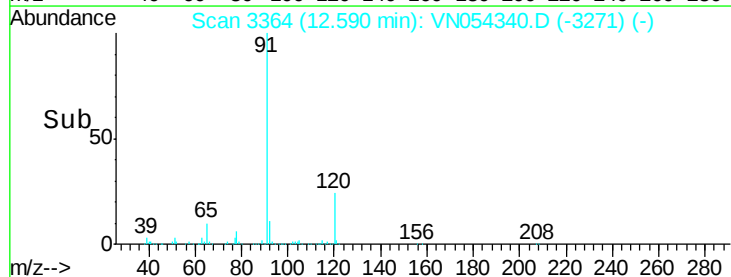
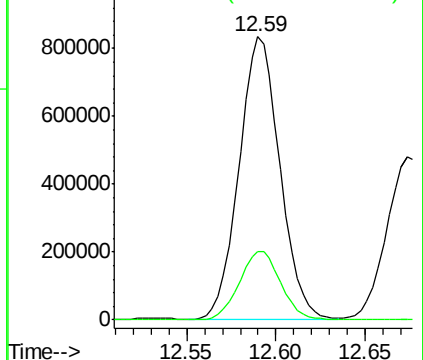
91 100

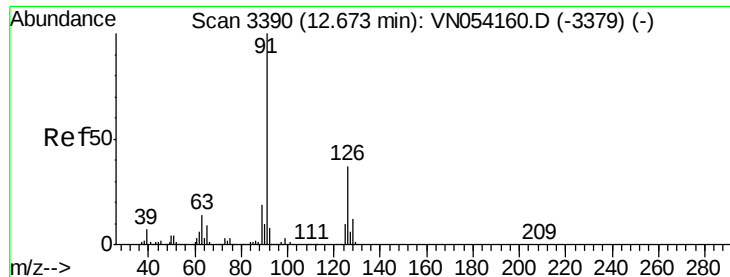
120 24.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.155 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

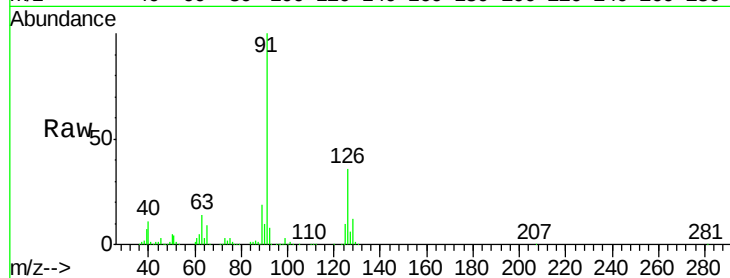
VN0316WBS01

Tot Ion: 91 Resp: 830859

Ion Ratio Lower Upper

91 100

126 37.0 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VN054340.D (-3397) (-)

Ion 125.90 (125.60 to 126.60): VN054340.D (-3397) (-)

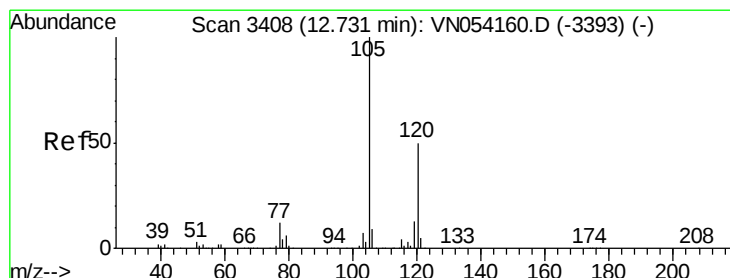
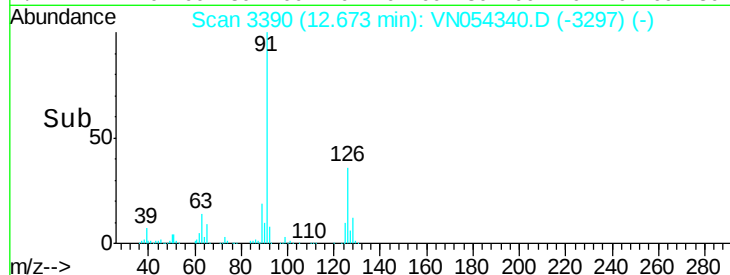
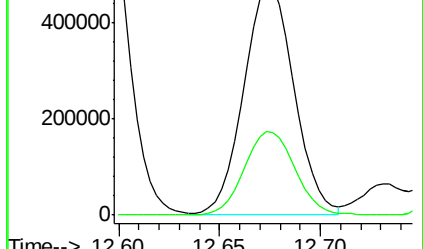
600000

400000

200000

0

12.60 12.65 12.70



#80

1,3,5-Trimethylbenzene

Concen: 21.525 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054340.D

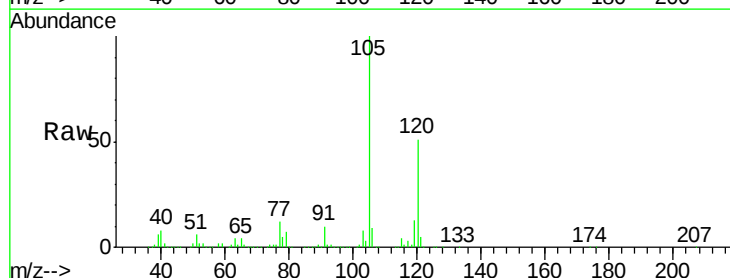
Acq: 16 Mar 2019 16:46

Tgt Ion: 105 Resp: 1029161

Ion Ratio Lower Upper

105 100

120 49.9 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054340.D (-3315) (-)

Ion 120.00 (119.70 to 120.70): VN054340.D (-3315) (-)

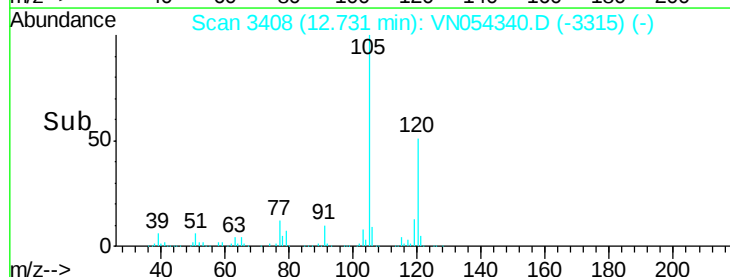
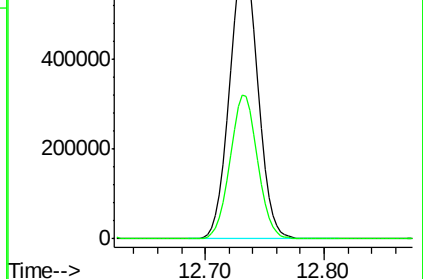
600000

400000

200000

0

12.70 12.80

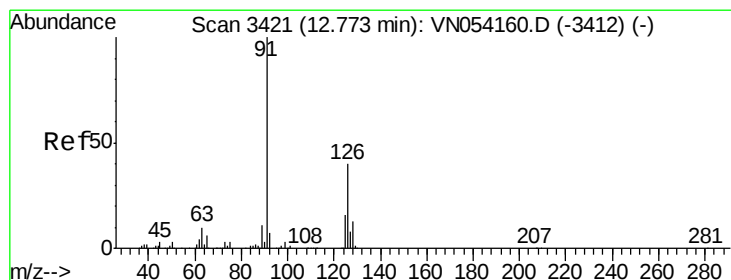
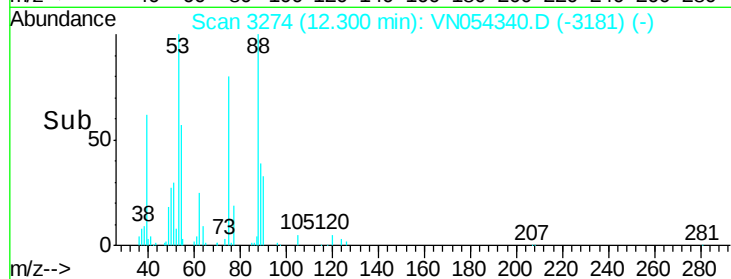
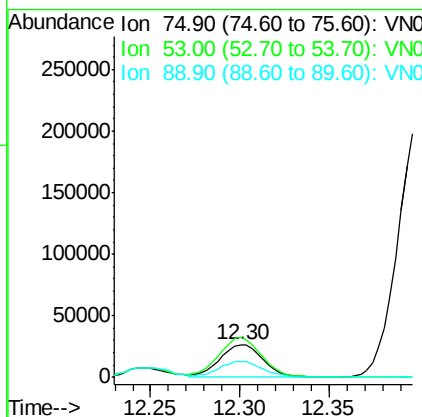
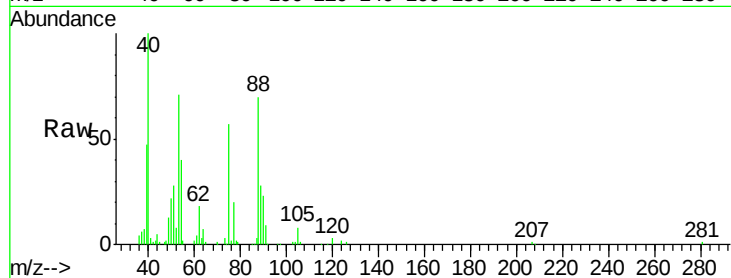




#81
trans-1,4-Dichloro-2-butene
Concen: 14.317 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN054340.D
Acq: 16 Mar 2019 16:46

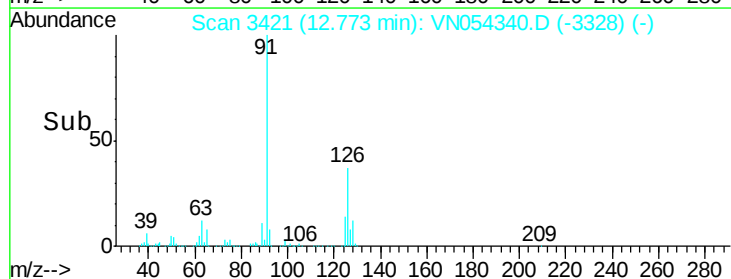
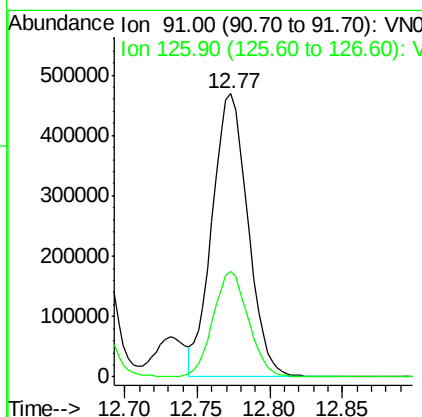
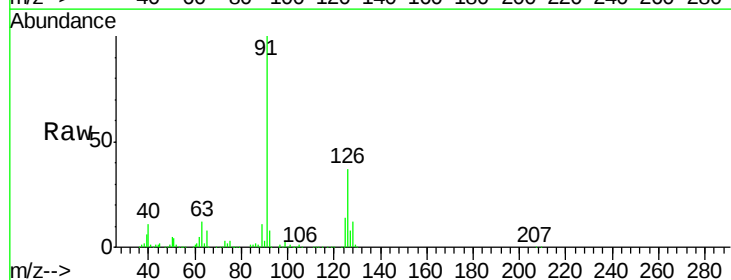
Instrument :
MSVOA_N
ClientSampled :
VN0316WBS01

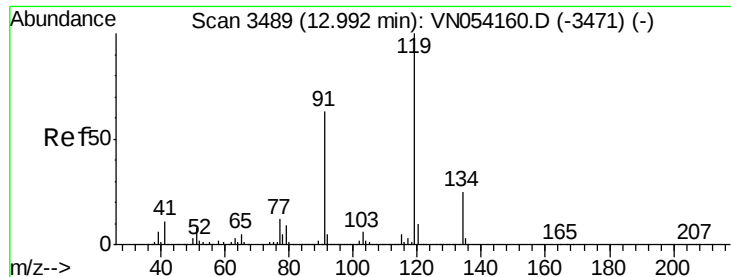
Tot Ion: 75 Resp: 44250
Ion Ratio Lower Upper
75 100
53 125.6 76.2 114.2#
89 50.4 39.2 58.8



#82
4-Chlorotoluene
Concen: 21.402 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN054340.D
Acq: 16 Mar 2019 16:46

Tgt Ion: 91 Resp: 801452
Ion Ratio Lower Upper
91 100
126 36.8 18.1 54.1





#83

tert-Butylbenzene

Concen: 21.562 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Instrument :

MSVOA_N

ClientSampled :

VN0316WBS01

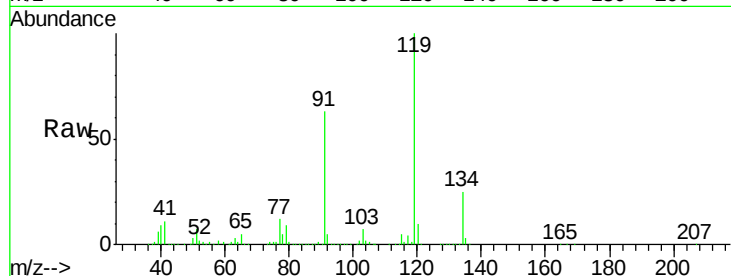
Tot Ion:119 Resp: 948902

Ion Ratio Lower Upper

119 100

91 61.4 30.9 92.8

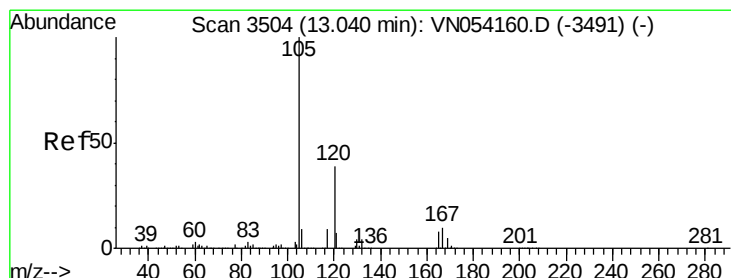
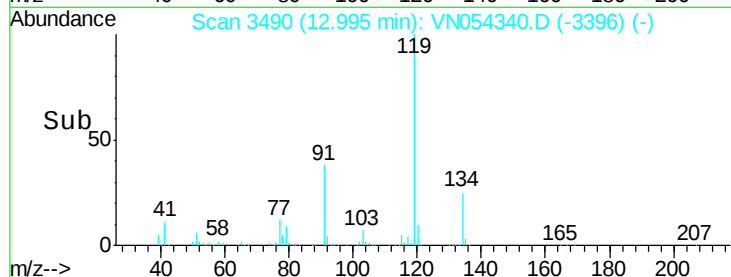
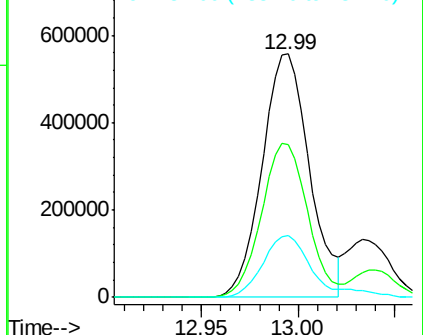
134 26.9 13.2 39.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.611 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054340.D

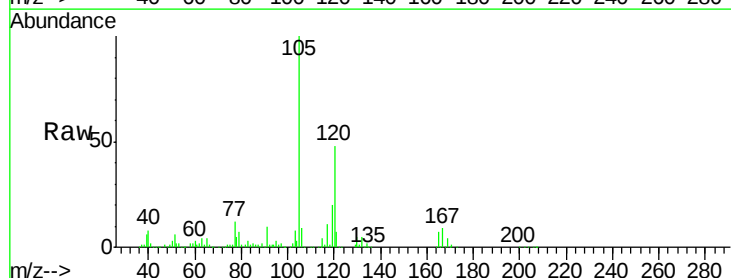
Acq: 16 Mar 2019 16:46

Tgt Ion:105 Resp: 1013699

Ion Ratio Lower Upper

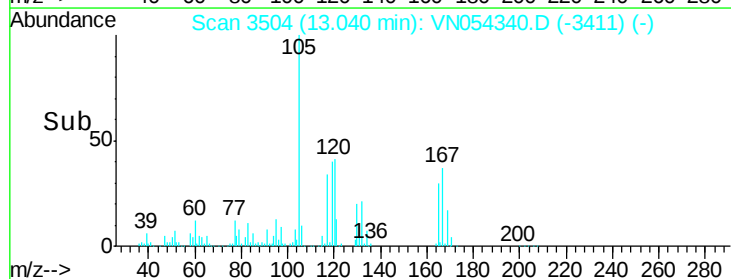
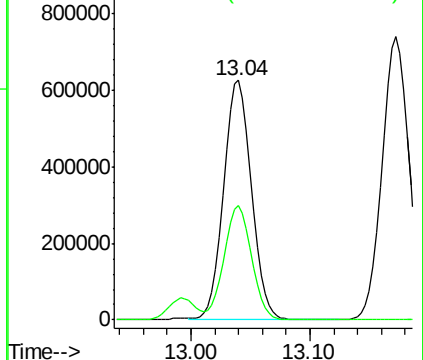
105 100

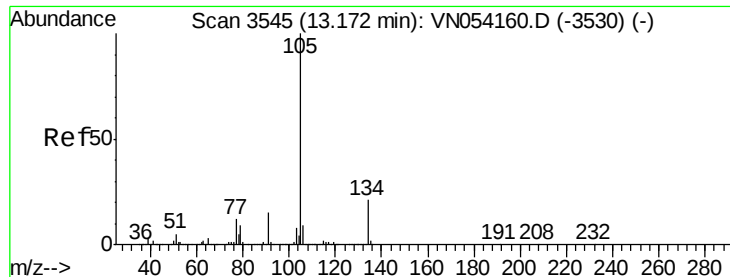
120 47.2 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.672 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

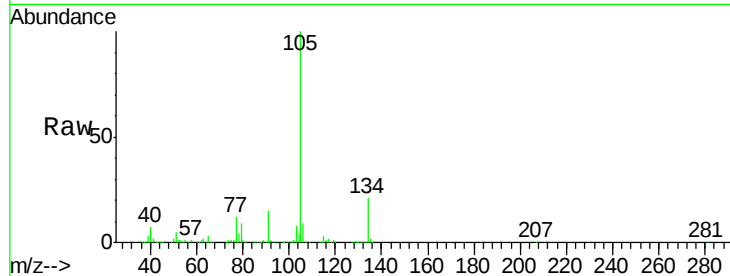
VN0316WBS01

Tot Ion:105 Resp: 1179842

Ion Ratio Lower Upper

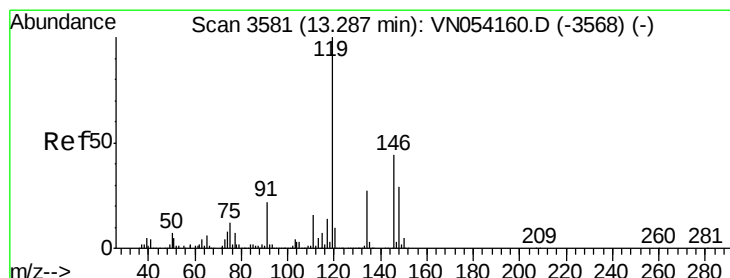
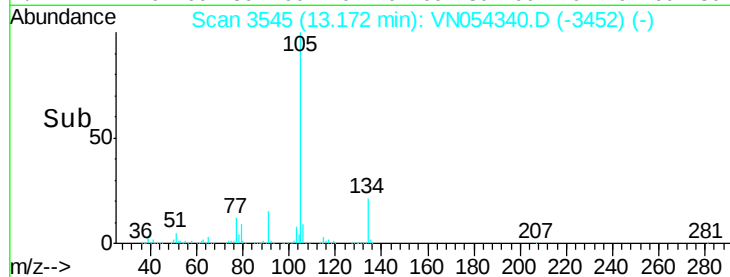
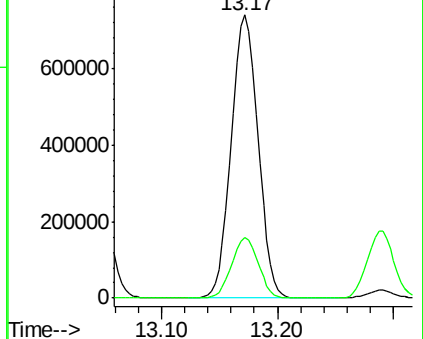
105 100

134 21.3 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.335 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

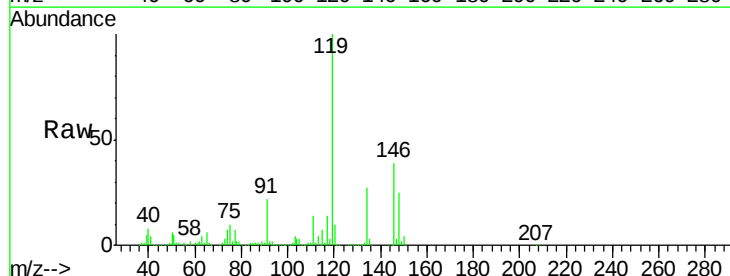
Tgt Ion:119 Resp: 1018169

Ion Ratio Lower Upper

119 100

134 27.4 13.6 40.8

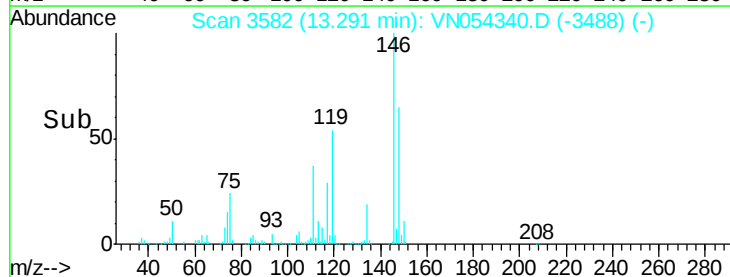
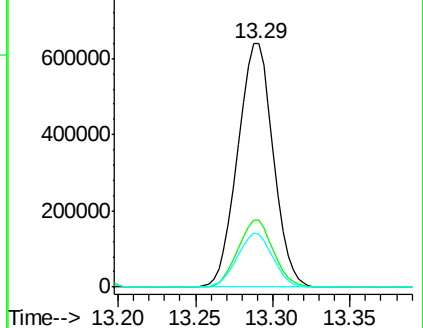
91 22.1 11.1 33.3

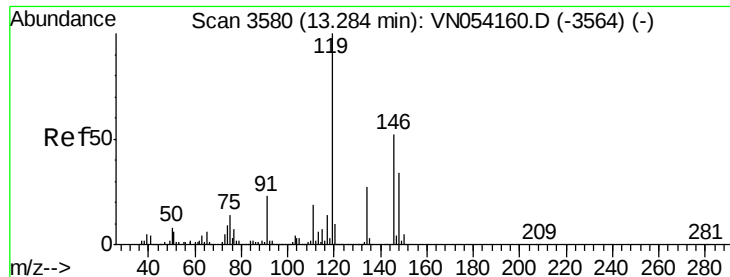


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 21.367 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Instrument :

MSVOA_N

ClientSampled :

VN0316WBS01

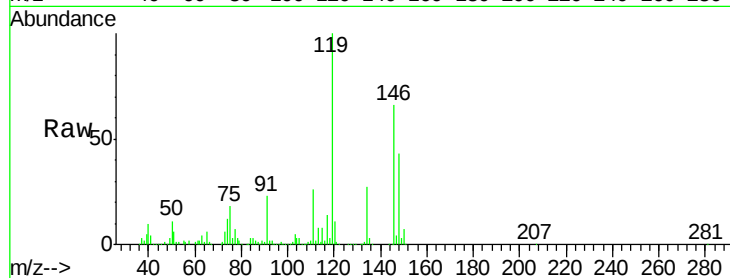
Tot Ion:146 Resp: 547652

Ion Ratio Lower Upper

146 100

111 38.0 18.8 56.3

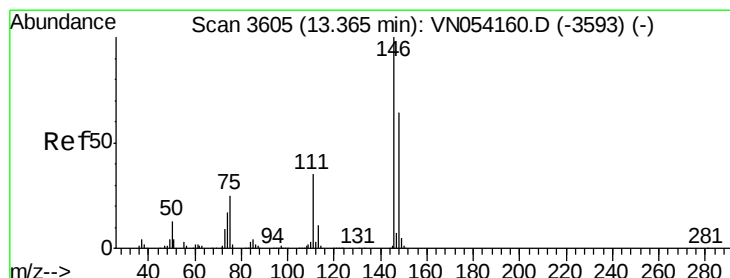
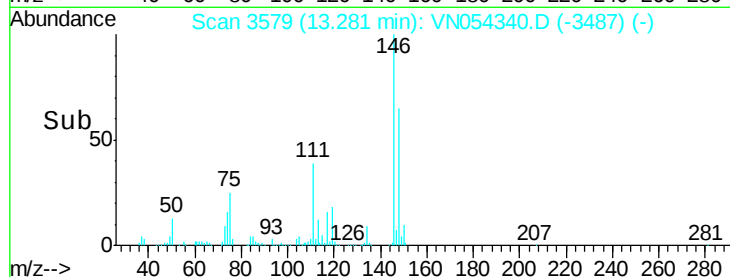
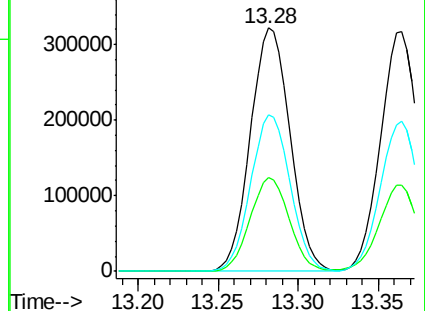
148 64.1 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.872 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

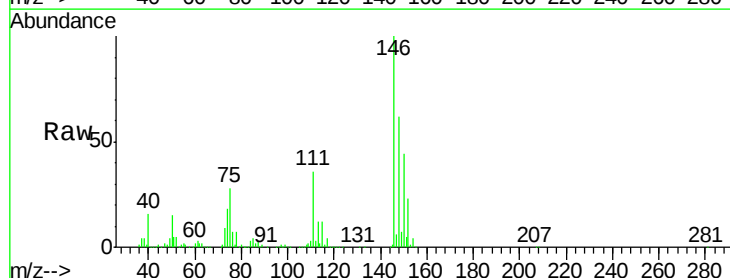
Tgt Ion:146 Resp: 525526

Ion Ratio Lower Upper

146 100

111 36.9 18.1 54.1

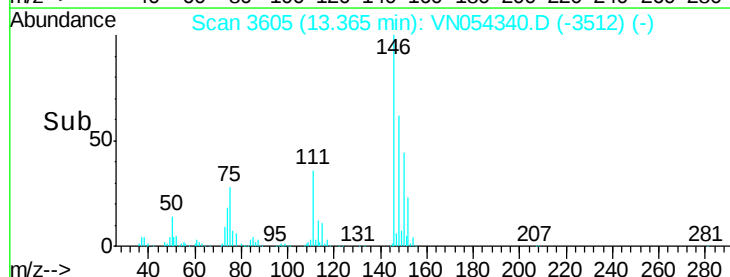
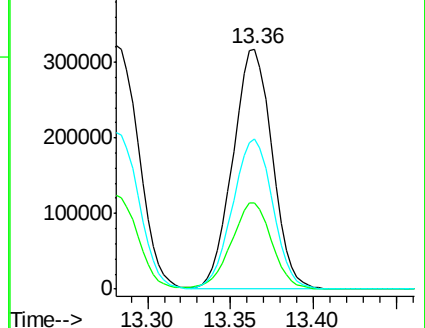
148 64.0 32.0 96.0

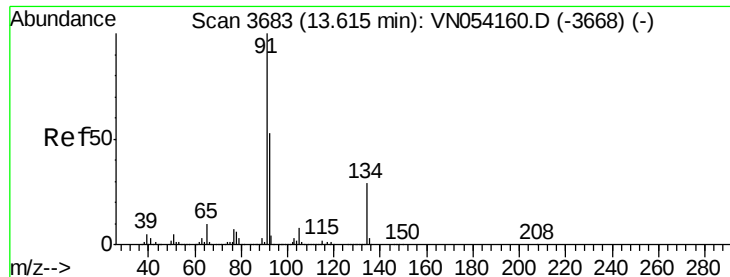


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.573 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN0316WBS01

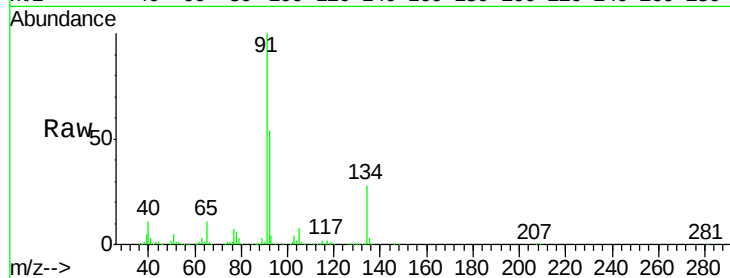
Tot Ion: 91 Resp: 706612

Ion Ratio Lower Upper

91 100

92 52.7 26.2 78.6

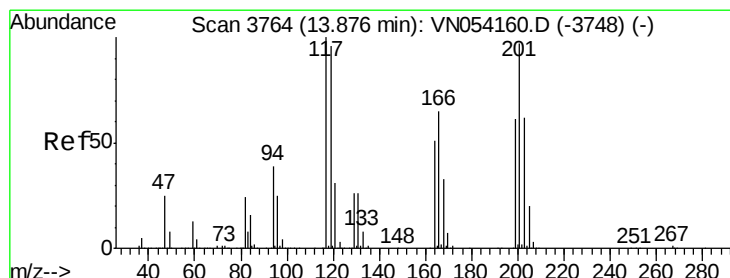
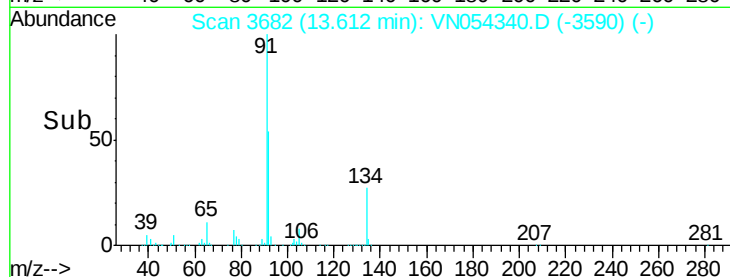
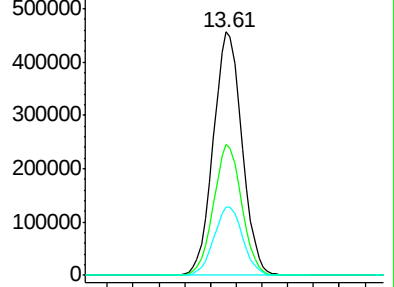
134 28.3 14.3 42.9



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

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

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



#90

Hexachloroethane

Concen: 18.469 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN054340.D

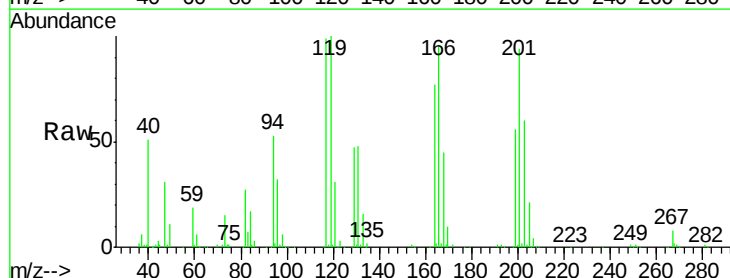
Acq: 16 Mar 2019 16:46

Tgt Ion: 117 Resp: 153127

Ion Ratio Lower Upper

117 100

201 94.7 48.1 144.4



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

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

Ion 267.00 (266.70 to 267.30): VN054160.D (-3748) (-)

Ion 282.00 (281.70 to 282.30): VN054160.D (-3748) (-)

Ion 298.00 (297.70 to 298.30): VN054160.D (-3748) (-)

Ion 314.00 (313.70 to 314.30): VN054160.D (-3748) (-)

Ion 330.00 (329.70 to 330.30): VN054160.D (-3748) (-)

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

Ion 362.00 (361.70 to 362.30): VN054160.D (-3748) (-)

Ion 378.00 (377.70 to 378.30): VN054160.D (-3748) (-)

Ion 394.00 (393.70 to 394.30): VN054160.D (-3748) (-)

Ion 410.00 (409.70 to 410.30): VN054160.D (-3748) (-)

Ion 426.00 (425.70 to 426.30): VN054160.D (-3748) (-)

Ion 442.00 (441.70 to 442.30): VN054160.D (-3748) (-)

Ion 458.00 (457.70 to 458.30): VN054160.D (-3748) (-)

Ion 474.00 (473.70 to 474.30): VN054160.D (-3748) (-)

Ion 490.00 (489.70 to 490.30): VN054160.D (-3748) (-)

Ion 506.00 (505.70 to 506.30): VN054160.D (-3748) (-)

Ion 522.00 (521.70 to 522.30): VN054160.D (-3748) (-)

Ion 538.00 (537.70 to 538.30): VN054160.D (-3748) (-)

Ion 554.00 (553.70 to 554.30): VN054160.D (-3748) (-)

Ion 570.00 (569.70 to 570.30): VN054160.D (-3748) (-)

Ion 586.00 (585.70 to 586.30): VN054160.D (-3748) (-)

Ion 602.00 (601.70 to 602.30): VN054160.D (-3748) (-)

Ion 618.00 (617.70 to 618.30): VN054160.D (-3748) (-)

Ion 634.00 (633.70 to 634.30): VN054160.D (-3748) (-)

Ion 650.00 (649.70 to 650.30): VN054160.D (-3748) (-)

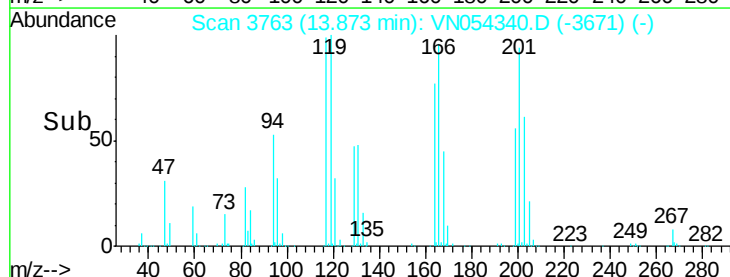
Ion 666.00 (665.70 to 666.30): VN054160.D (-3748) (-)

Ion 682.00 (681.70 to 682.30): VN054160.D (-3748) (-)

Ion 698.00 (697.70 to 698.30): VN054160.D (-3748) (-)

Ion 714.00 (713.70 to 714.30): VN054160.D (-3748) (-)

Ion 730.00 (729.70 to 730.30): VN054160.D (-3748) (-)



Time-->

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

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

Ion 267.00 (266.70 to 267.30): VN054160.D (-3748) (-)

Ion 282.00 (281.70 to 282.30): VN054160.D (-3748) (-)

Ion 298.00 (297.70 to 298.30): VN054160.D (-3748) (-)

Ion 314.00 (313.70 to 314.30): VN054160.D (-3748) (-)

Ion 330.00 (329.70 to 330.30): VN054160.D (-3748) (-)

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

Ion 362.00 (361.70 to 362.30): VN054160.D (-3748) (-)

Ion 378.00 (377.70 to 378.30): VN054160.D (-3748) (-)

Ion 394.00 (393.70 to 394.30): VN054160.D (-3748) (-)

Ion 410.00 (409.70 to 410.30): VN054160.D (-3748) (-)

Ion 426.00 (425.70 to 426.30): VN054160.D (-3748) (-)

Ion 442.00 (441.70 to 442.30): VN054160.D (-3748) (-)

Ion 458.00 (457.70 to 458.30): VN054160.D (-3748) (-)

Ion 474.00 (473.70 to 474.30): VN054160.D (-3748) (-)



#91

1,2-Dichlorobenzene

Concen: 22.313 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN0316WBS01

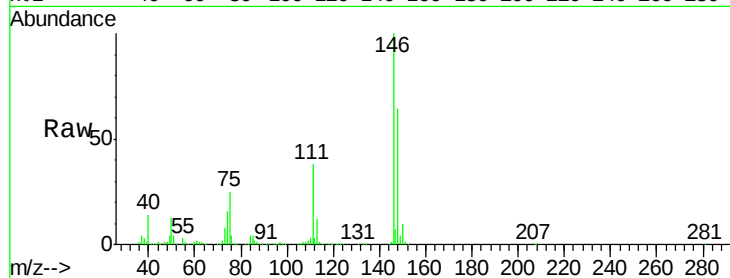
Tot Ion:146 Resp: 559076

Ion Ratio Lower Upper

146 100

111 37.9 19.1 57.3

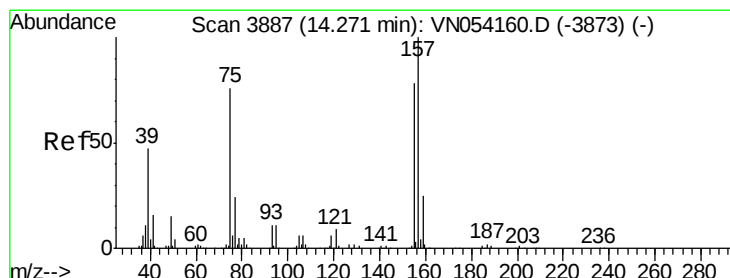
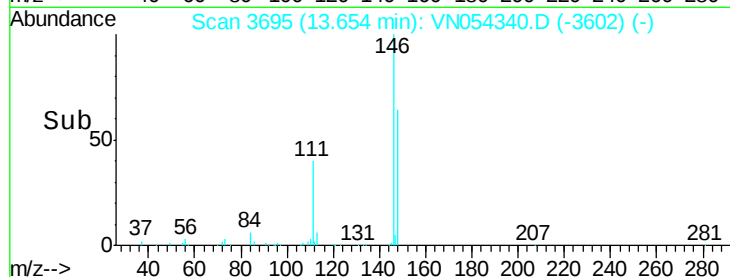
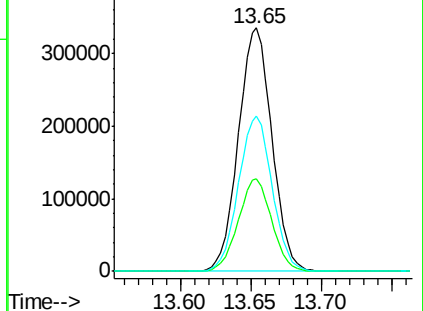
148 63.9 32.4 97.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.020 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

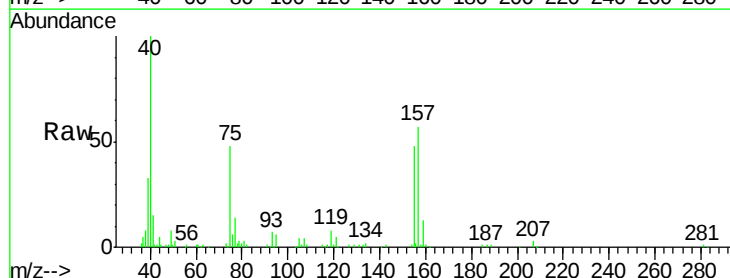
Tgt Ion: 75 Resp: 39836

Ion Ratio Lower Upper

75 100

155 98.8 50.1 150.3

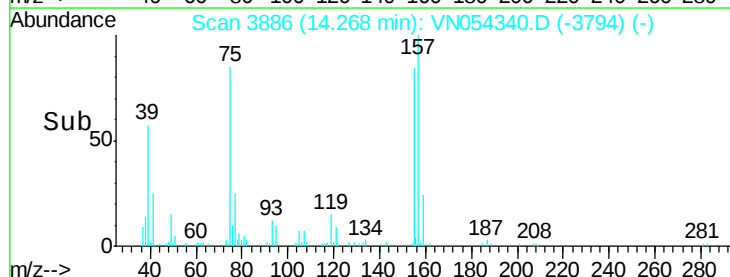
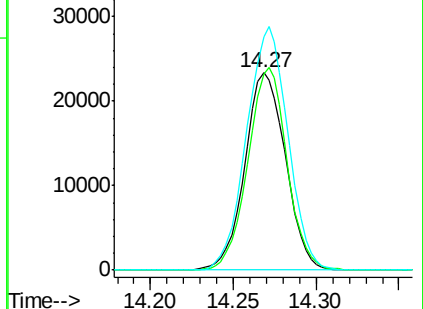
157 125.5 63.1 189.3

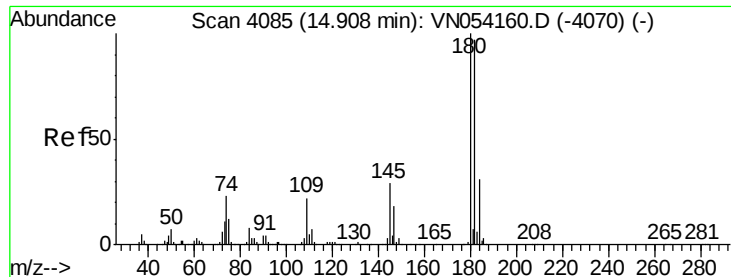


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 17.370 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN0316WBS01

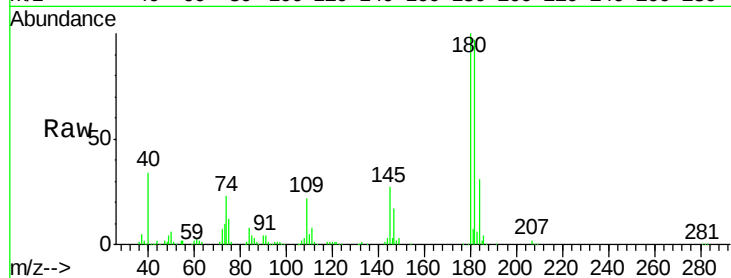
Tot Ion:180 Resp: 236601

Ion Ratio Lower Upper

180 100

182 95.8 48.0 144.2

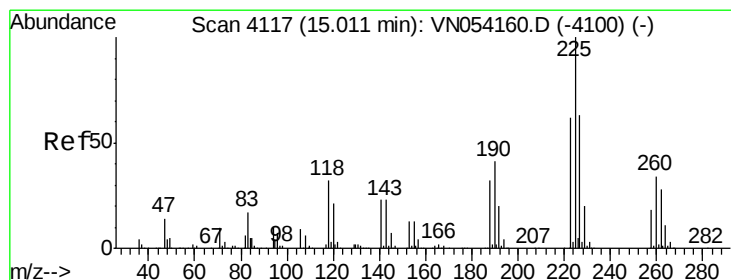
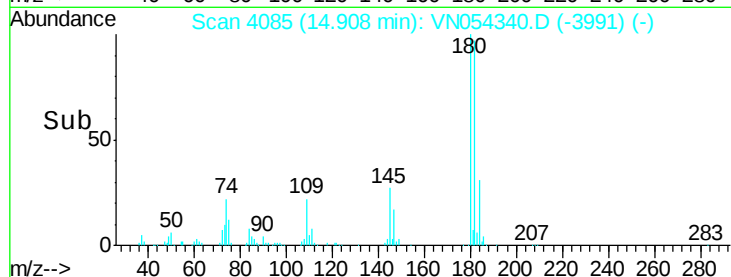
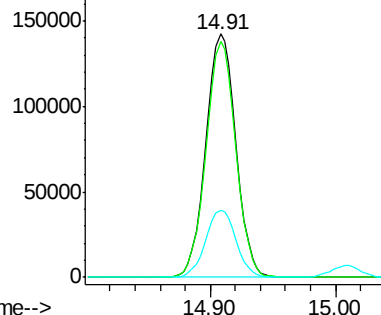
145 27.9 14.2 42.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 17.169 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. -0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

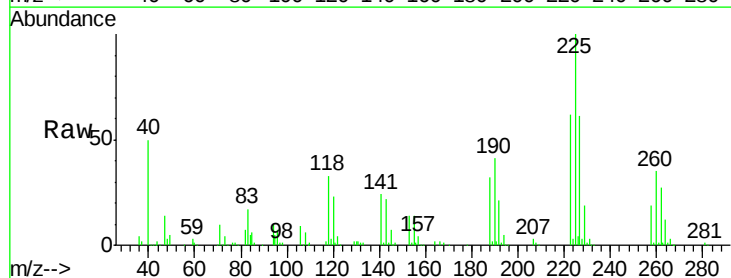
Tgt Ion:225 Resp: 163860

Ion Ratio Lower Upper

225 100

223 61.6 31.1 93.5

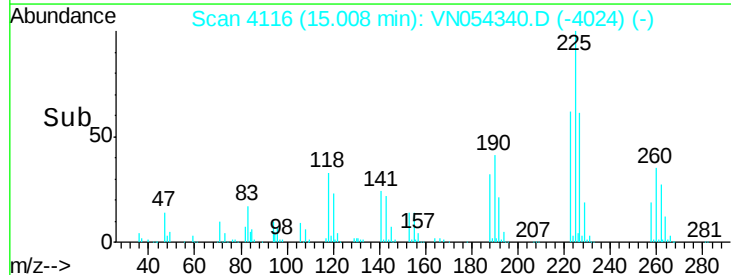
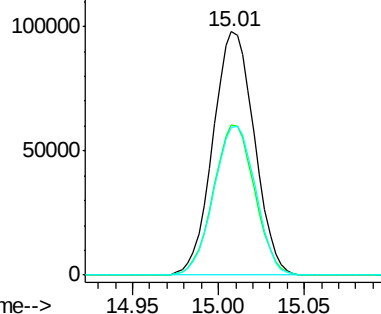
227 61.7 31.9 95.9

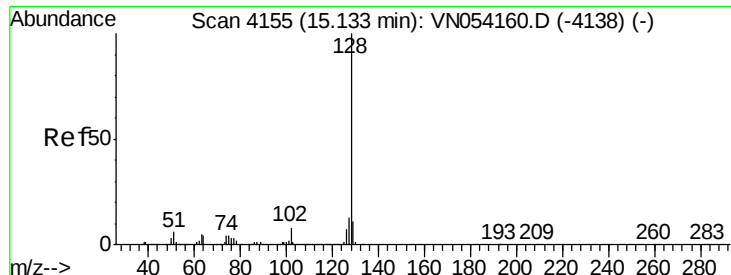


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.822 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN0316WBS01

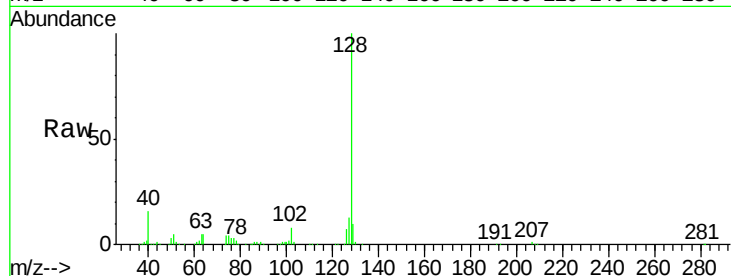
Tot Ion:128 Resp: 519858

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

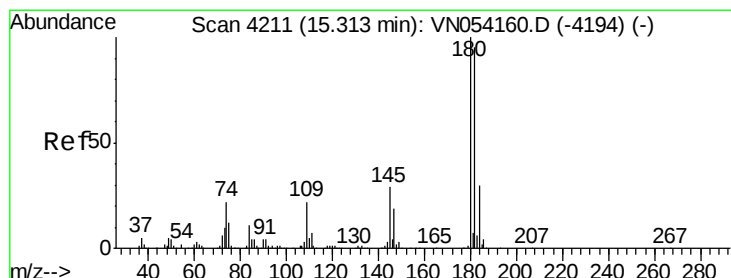
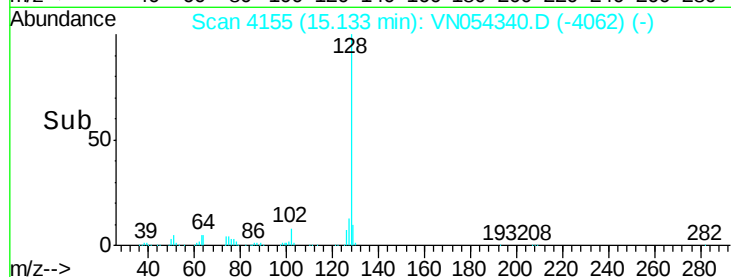
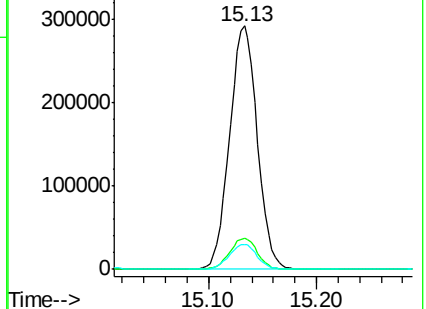
129 10.5 8.7 13.1



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: 18.887 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN054340.D

Acq: 16 Mar 2019 16:46

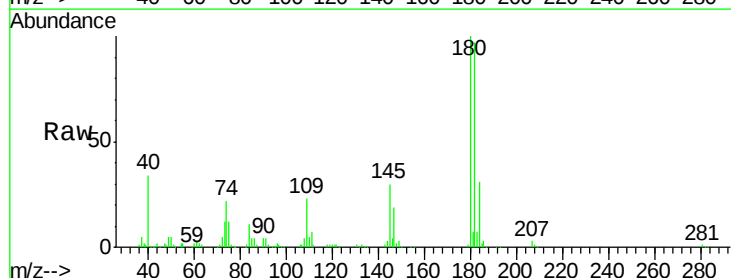
Tgt Ion:180 Resp: 251437

Ion Ratio Lower Upper

180 100

182 96.3 47.5 142.6

145 30.0 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

