

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011421\
 Data File : VX020623.D
 Acq On : 14 Jan 2021 19:17
 Operator : JC/MD
 Sample : M1121-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NP-SP

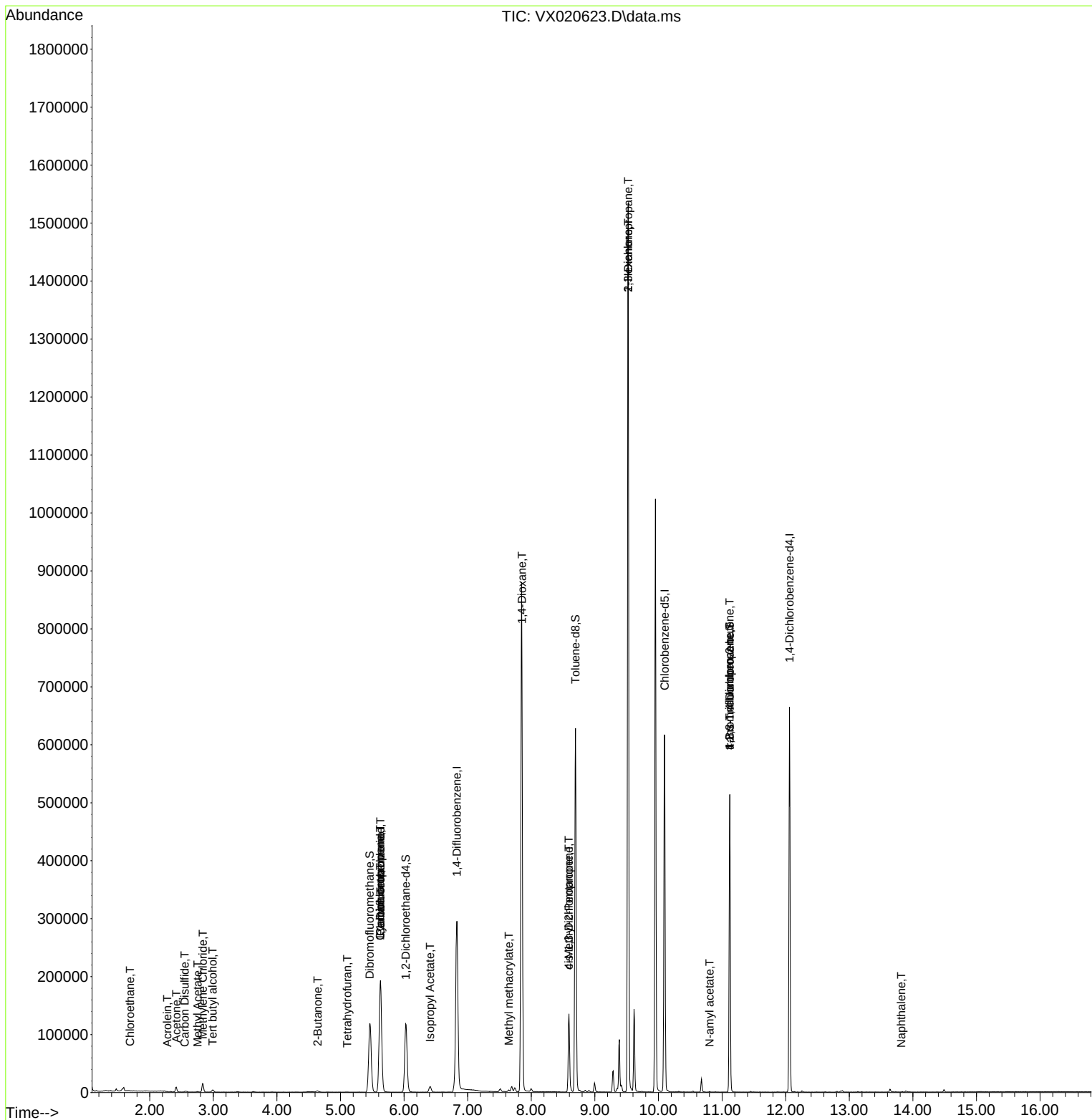
Quant Time: Jan 15 05:12:55 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

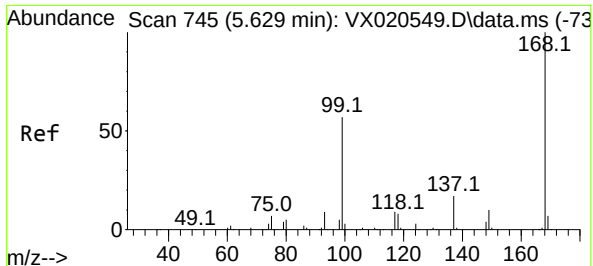
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	187750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	310612	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	305658	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	138835	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	116222	51.54	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.08%			
35) Dibromofluoromethane	5.458	113	105741	49.13	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.26%			
50) Toluene-d8	8.695	98	379906	49.33	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.66%			
62) 4-Bromofluorobenzene	11.122	95	136174	50.07	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.14%			
Target Compounds						Qvalue
6) Chloroethane	1.691	64	67	0.47	ug/l #	43
11) Tert butyl alcohol	2.989	59	2284	3.29	ug/l #	73
13) Acrolein	2.276	56	170	0.54	ug/l #	76
16) Acetone	2.416	43	9147	8.06	ug/l	96
17) Carbon Disulfide	2.550	76	1018	0.21	ug/l #	87
18) Methyl Acetate	2.751	43	1314	0.66	ug/l #	84
20) Methylene Chloride	2.837	84	7234	3.40	ug/l	92
25) 2-Butanone	4.641	43	2266	1.86	ug/l	94
29) Tetrahydrofuran	5.105	42	293	0.39	ug/l #	33
31) Cyclohexane	5.623	56	3280	1.24	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	12774	4.50	ug/l #	50
38) Carbon Tetrachloride	5.629	117	17807	5.38	ug/l #	16
43) Isopropyl Acetate	6.409	43	12618	3.16	ug/l	99
48) Methyl methacrylate	7.647	41	4040	2.08	ug/l #	10
49) 1,4-Dioxane	7.854	88	173	3.53	ug/l #	1
51) 4-Methyl-2-Pentanone	8.592	43	40445	16.32	ug/l #	48
54) cis-1,3-Dichloropropene	8.592	75	24077	6.81	ug/l #	57
57) 1,3-Dichloropropane	9.525	76	13954	3.75	ug/l #	42
59) 2-Hexanone	9.525	43	159529	85.85	ug/l #	48
74) N-amyl acetate	10.805	43	481	1.38	ug/l #	40
76) 1,2,3-Trichloropropane	11.122	75	65069	22.25	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	65069	60.62	ug/l #	12
95) Naphthalene	13.816	128	91	3.85	ug/l #	69

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

Quant Time: Jan 15 05:12:55 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 11 15:05:37 2021
Response via : Initial Calibration

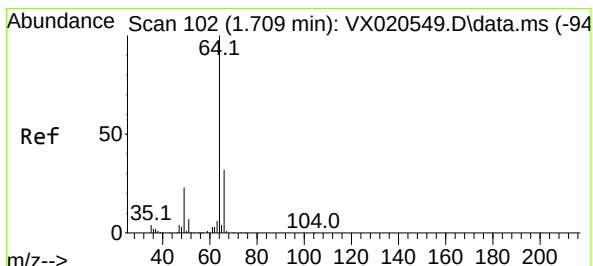
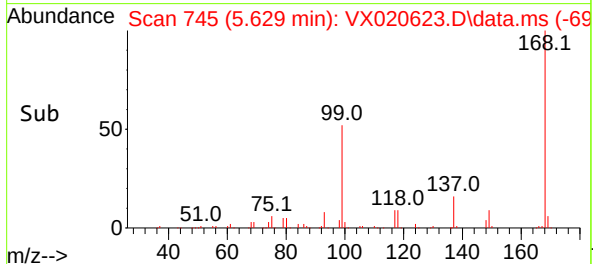
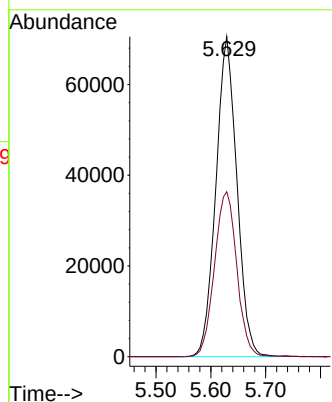
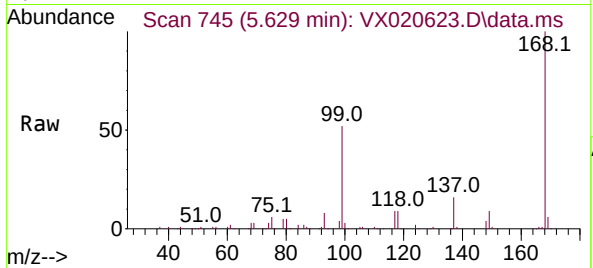




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020623.D
Acq: 14 Jan 2021 19:17

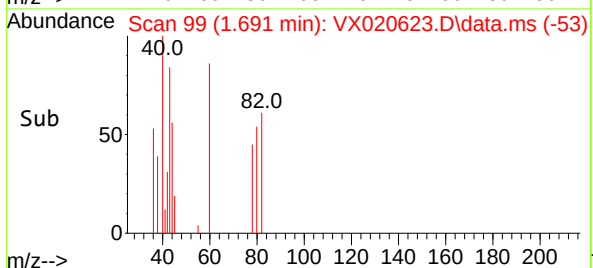
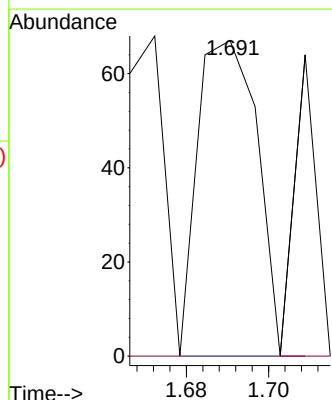
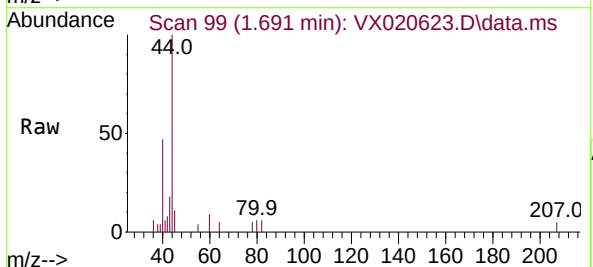
Instrument :
MSVOA_X
ClientSampleId :
NP-SP

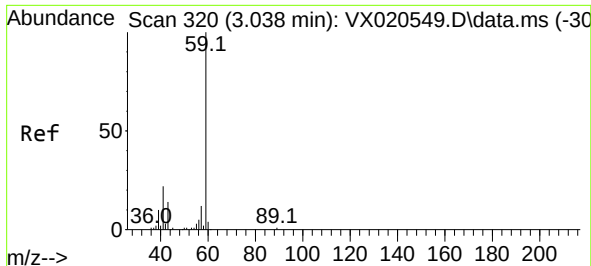
Tgt Ion:168 Resp: 187750
Ion Ratio Lower Upper
168 100
99 51.6 45.8 68.6



#6
Chloroethane
Concen: 0.47 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.018 min
Lab File: VX020623.D
Acq: 14 Jan 2021 19:17

Tgt Ion: 64 Resp: 67
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



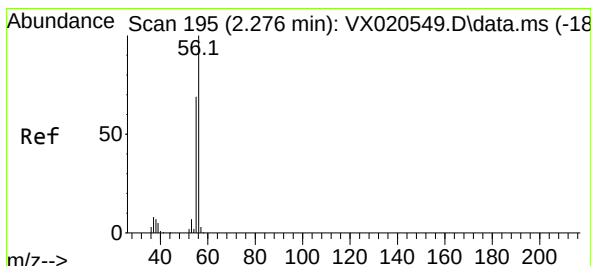
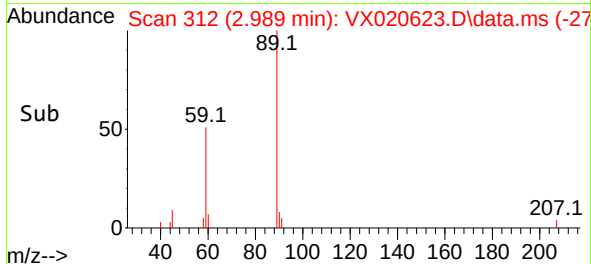
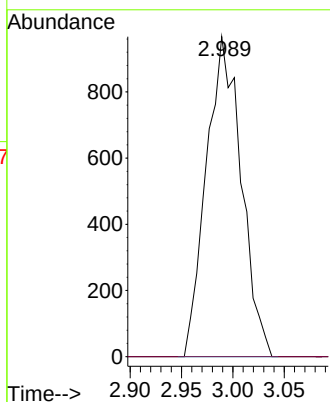
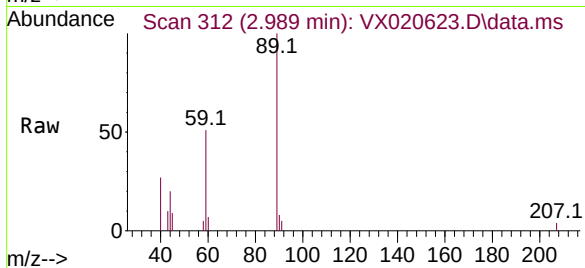


#11

Tert butyl alcohol
Concen: 3.29 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.049 min
Lab File: VX020623.D
Acq: 14 Jan 2021 19:17

Instrument :
MSVOA_X
ClientSampled :
NP-SP

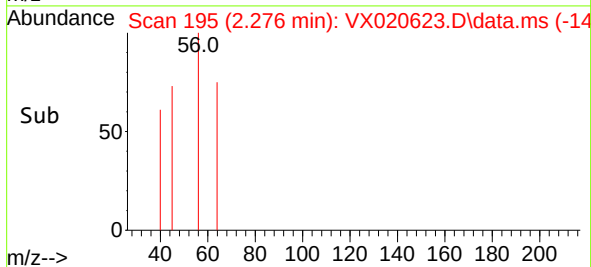
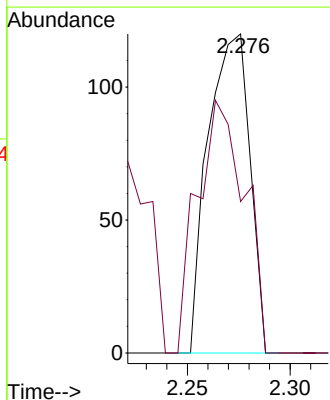
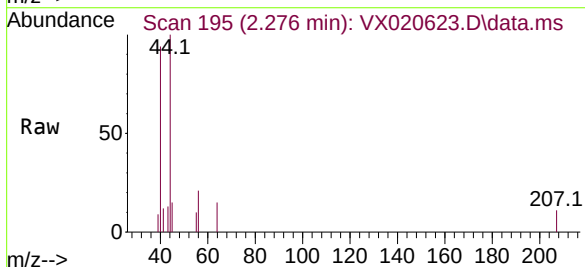
Tgt Ion: 59 Resp: 2284
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

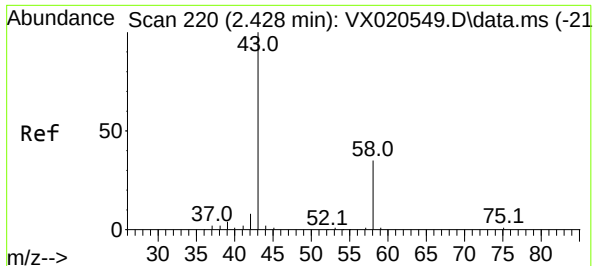


#13

Acrolein
Concen: 0.54 ug/l
RT: 2.276 min Scan# 195
Delta R.T. -0.000 min
Lab File: VX020623.D
Acq: 14 Jan 2021 19:17

Tgt Ion: 56 Resp: 170
Ion Ratio Lower Upper
56 100
55 90.0 56.4 84.6#

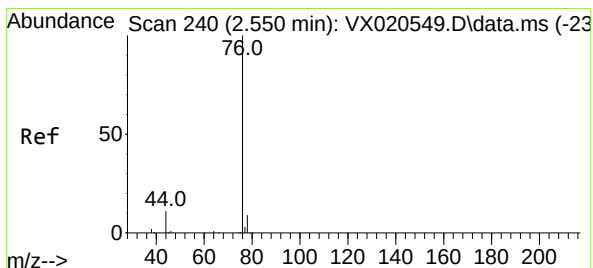
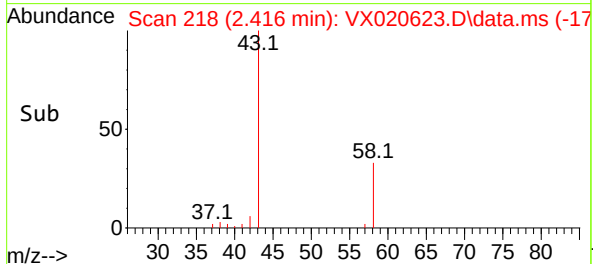
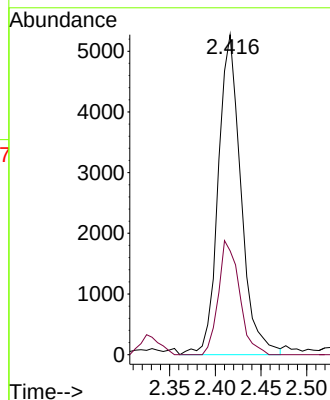
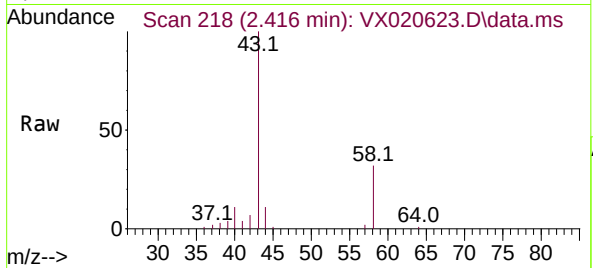




#16
Acetone
Concen: 8.06 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.012 min
Lab File: VX020623.D
Acq: 14 Jan 2021 19:17

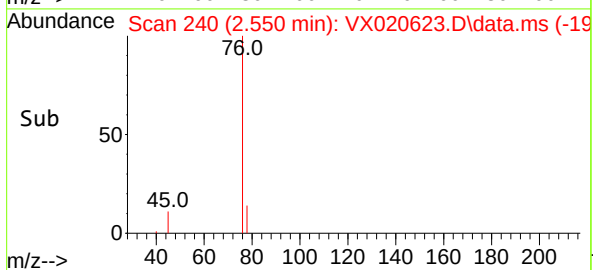
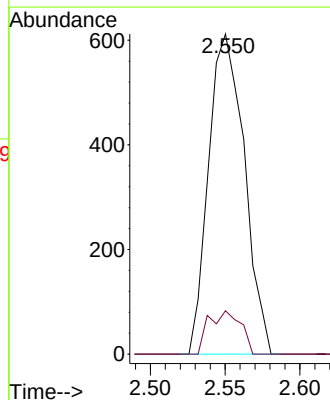
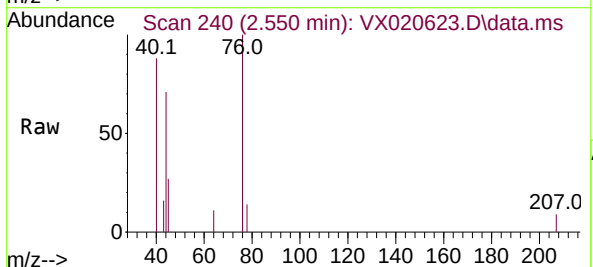
Instrument :
MSVOA_X
ClientSampled :
NP-SP

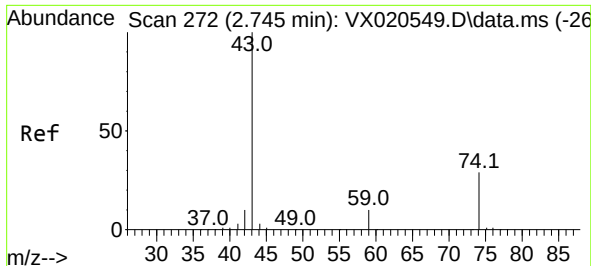
Tgt Ion: 43 Resp: 9147
Ion Ratio Lower Upper
43 100
58 32.4 27.8 41.8



#17
Carbon Disulfide
Concen: 0.21 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.000 min
Lab File: VX020623.D
Acq: 14 Jan 2021 19:17

Tgt Ion: 76 Resp: 1018
Ion Ratio Lower Upper
76 100
78 13.6 7.2 10.8#

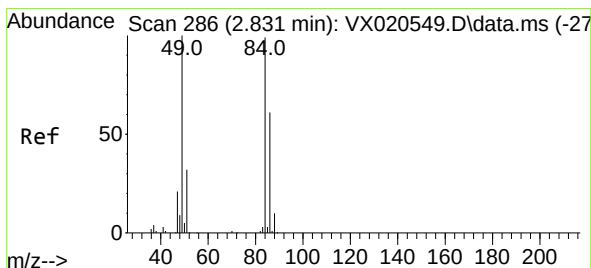
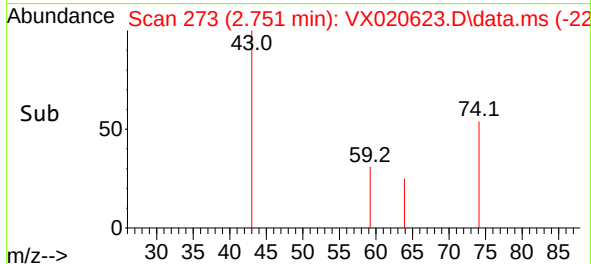
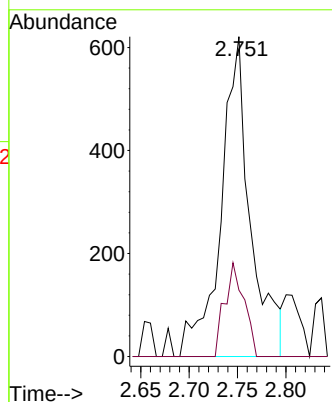
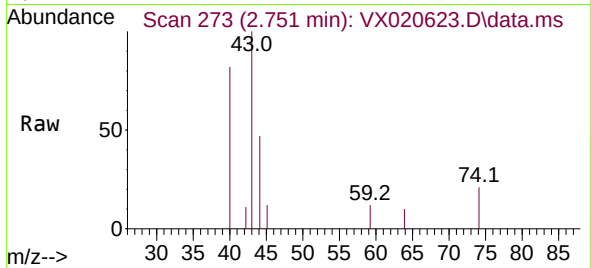




#18
Methyl Acetate
Concen: 0.66 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020623.D
Acq: 14 Jan 2021 19:17

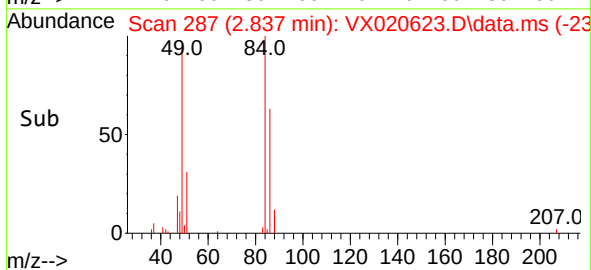
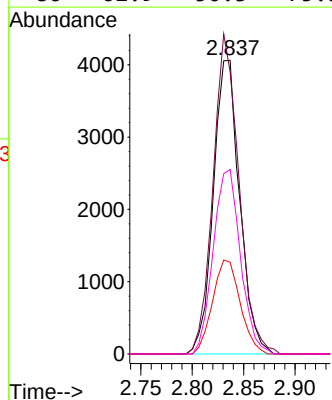
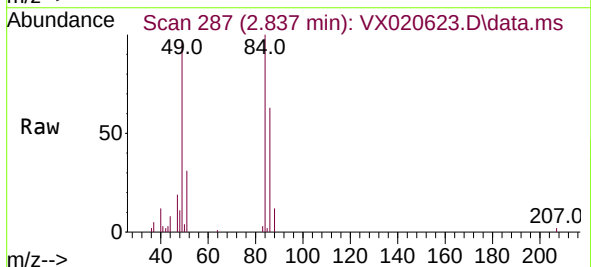
Instrument :
MSVOA_X
ClientSampleId :
NP-SP

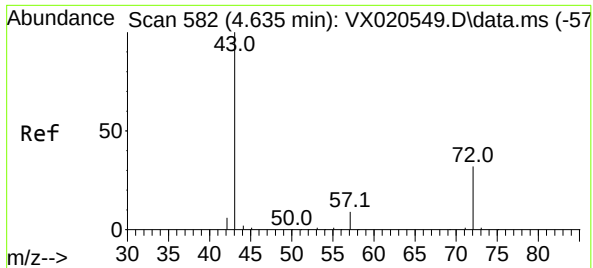
Tgt Ion: 43 Resp: 1314
Ion Ratio Lower Upper
43 100
74 19.3 21.9 32.9#



#20
Methylene Chloride
Concen: 3.40 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020623.D
Acq: 14 Jan 2021 19:17

Tgt Ion: 84 Resp: 7234
Ion Ratio Lower Upper
84 100
49 96.1 88.6 132.8
51 31.2 27.0 40.6
86 62.9 50.3 75.5

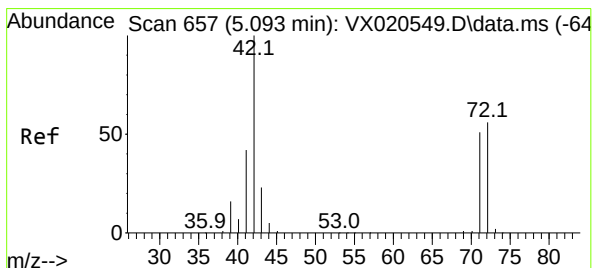
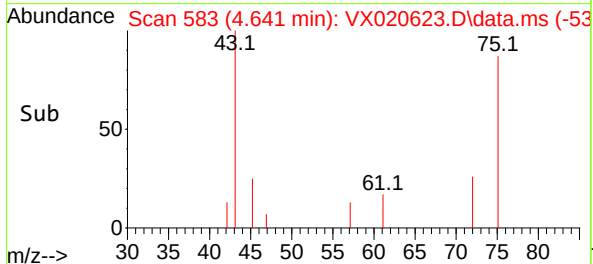
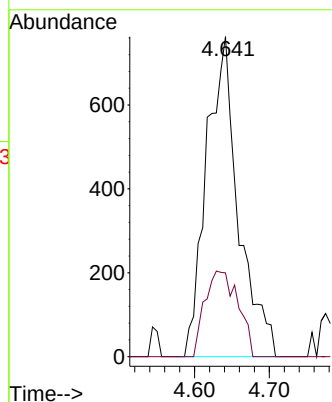
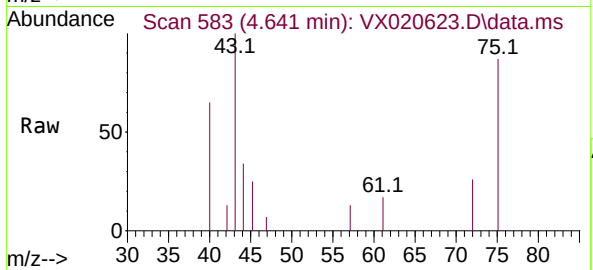




#25
2-Butanone
Concen: 1.86 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.006 min
Lab File: VX020623.D
Acq: 14 Jan 2021 19:17

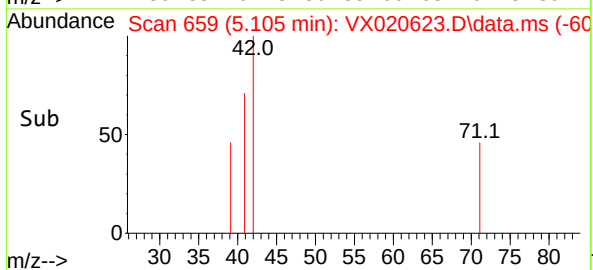
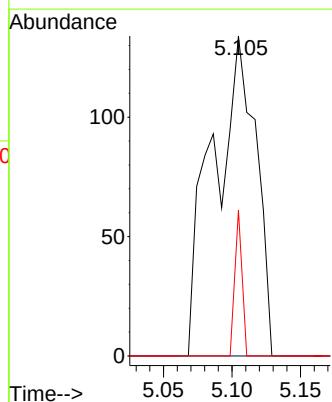
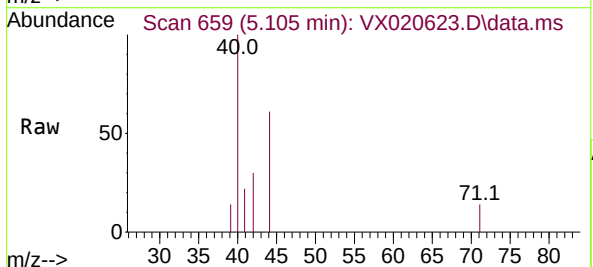
Instrument :
MSVOA_X
ClientSampled :
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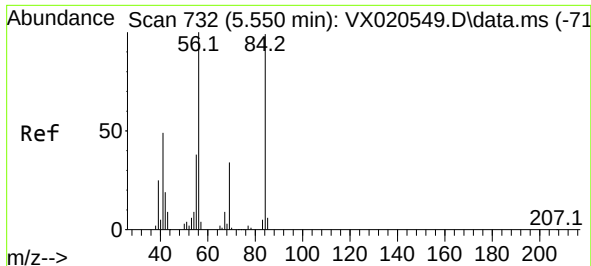
Tgt Ion: 43 Resp: 2266
Ion Ratio Lower Upper
43 100
72 26.2 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.39 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.012 min
Lab File: VX020623.D
Acq: 14 Jan 2021 19:17

Tgt Ion: 42 Resp: 293
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 7.5 38.4 57.6#

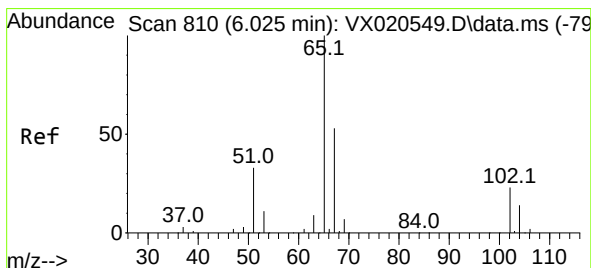
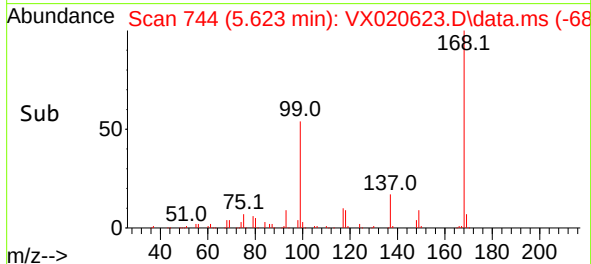
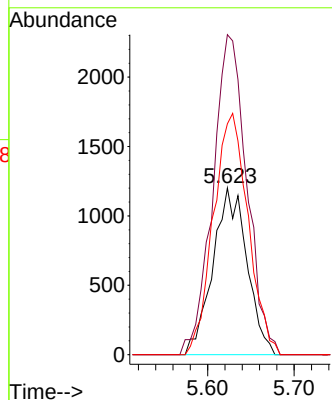
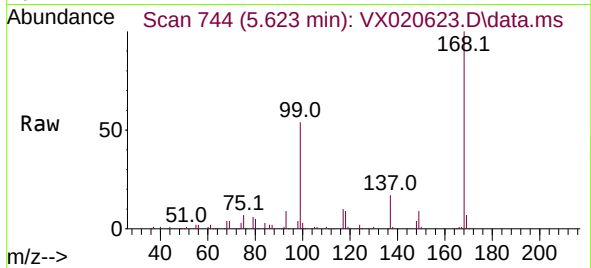




#31
Cyclohexane
Concen: 1.24 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.073 min
Lab File: VX020623.D
Acq: 14 Jan 2021 19:17

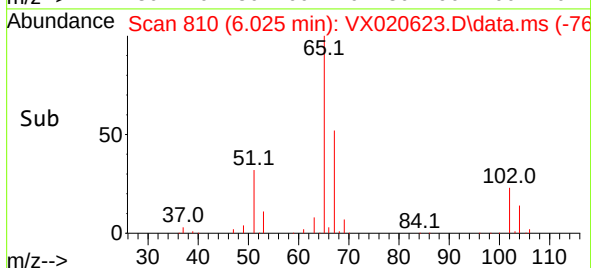
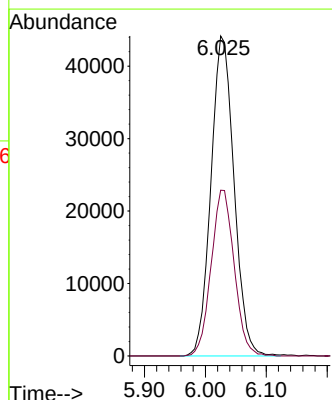
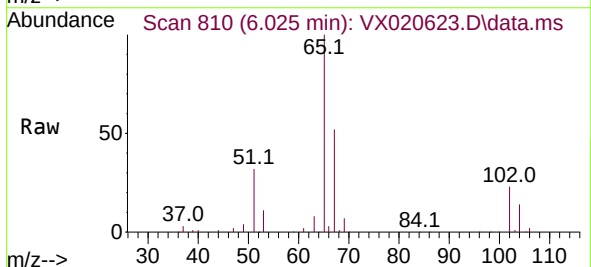
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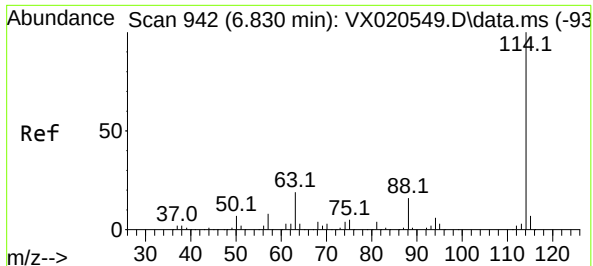
Tgt Ion: 56 Resp: 3280
Ion Ratio Lower Upper
56 100
69 191.8 25.3 37.9#
84 138.4 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.54 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020623.D
Acq: 14 Jan 2021 19:17

Tgt Ion: 65 Resp: 116222
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. -0.000 min

Lab File: VX020623.D

Acq: 14 Jan 2021 19:17

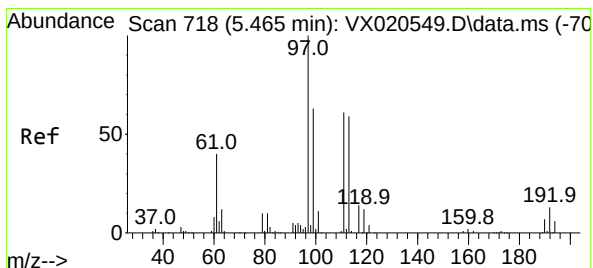
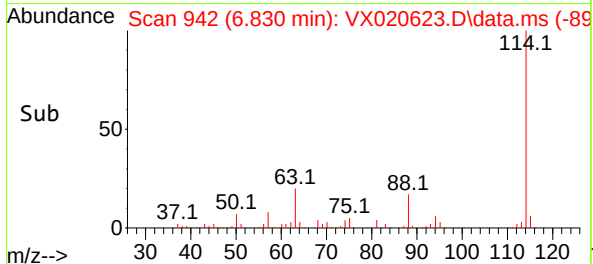
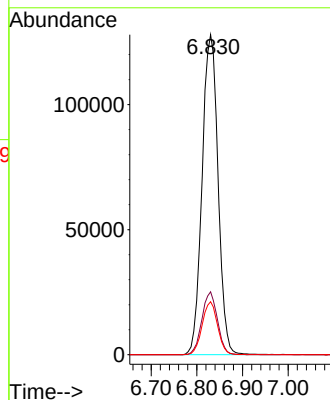
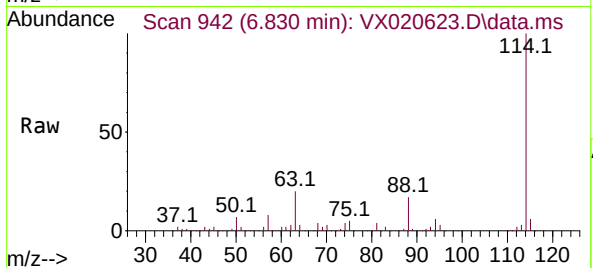
Tgt Ion:114 Resp: 310612

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

88 16.6 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.13 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.007 min

Lab File: VX020623.D

Acq: 14 Jan 2021 19:17

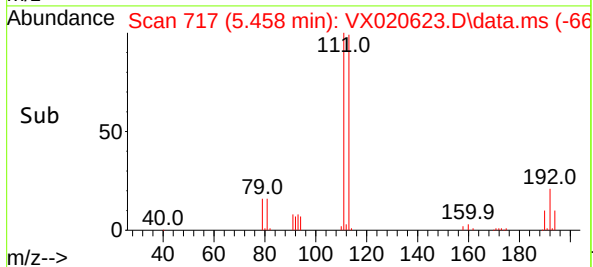
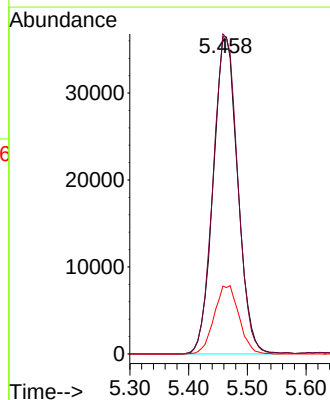
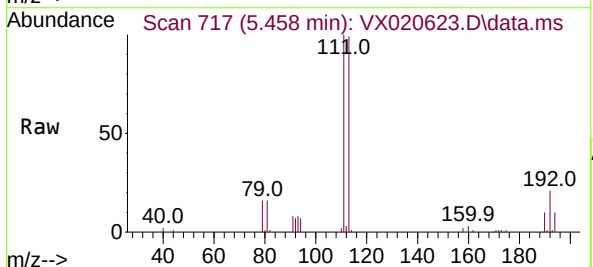
Tgt Ion:113 Resp: 105741

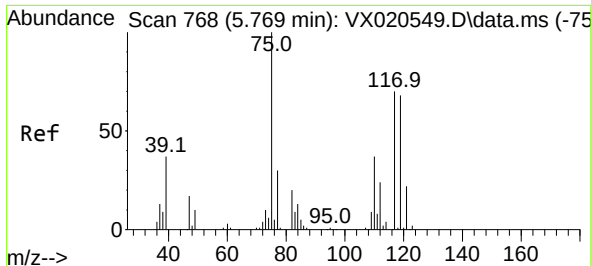
Ion Ratio Lower Upper

113 100

111 101.4 81.9 122.9

192 21.8 16.7 25.1

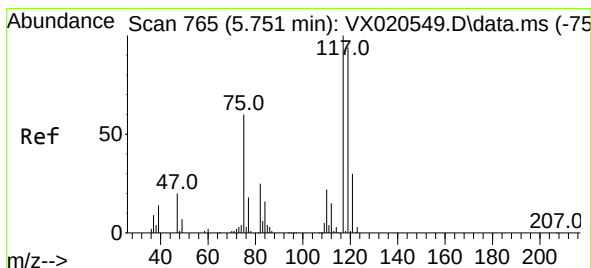
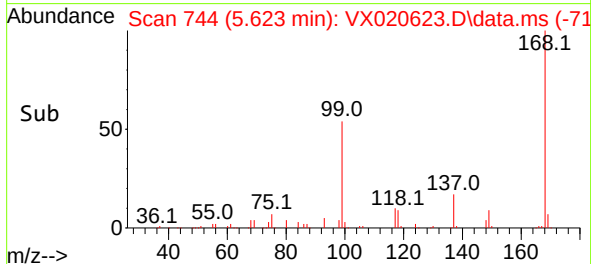
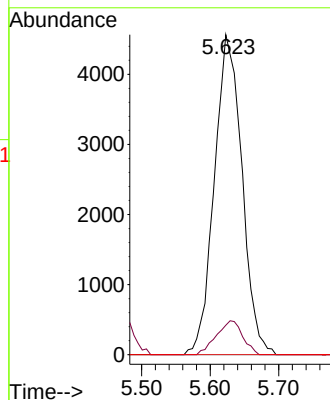
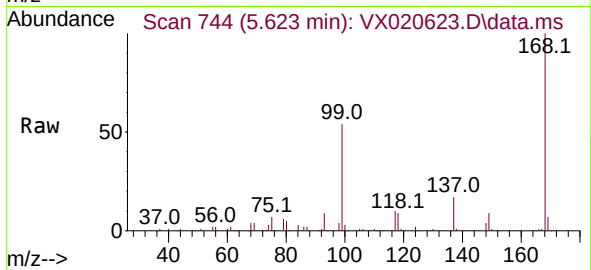




#36
1,1-Dichloropropene
Concen: 4.50 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020623.D
Acq: 14 Jan 2021 19:17

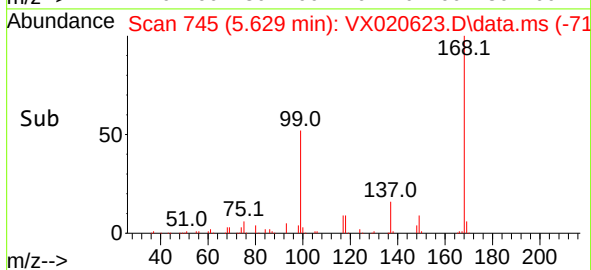
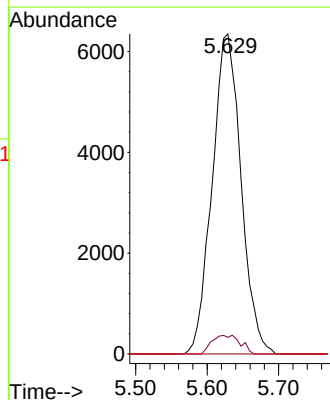
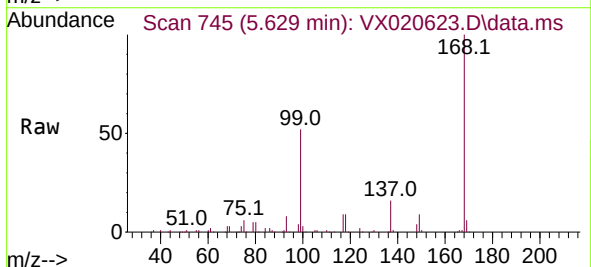
Instrument :
MSVOA_X
ClientSampleId :
NP-SP

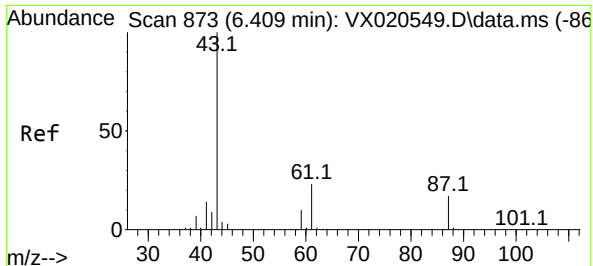
Tgt Ion: 75 Resp: 12774
Ion Ratio Lower Upper
75 100
110 10.1 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.38 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020623.D
Acq: 14 Jan 2021 19:17

Tgt Ion: 117 Resp: 17807
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#

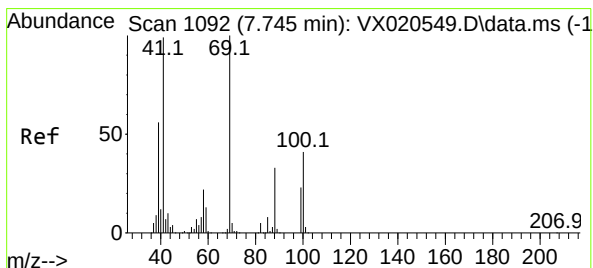
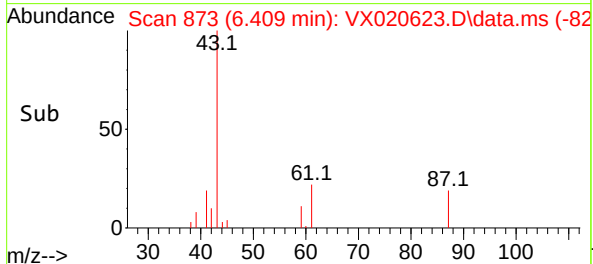
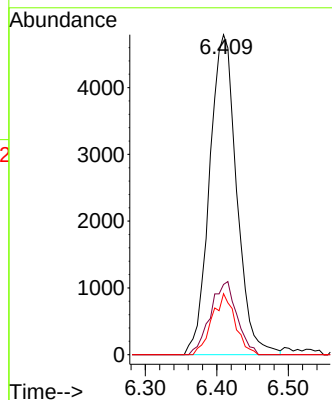
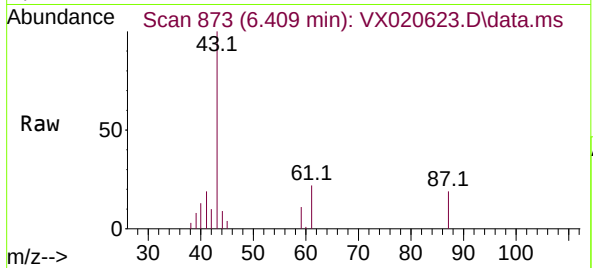




#43
Isopropyl Acetate
Concen: 3.16 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.000 min
Lab File: VX020623.D
Acq: 14 Jan 2021 19:17

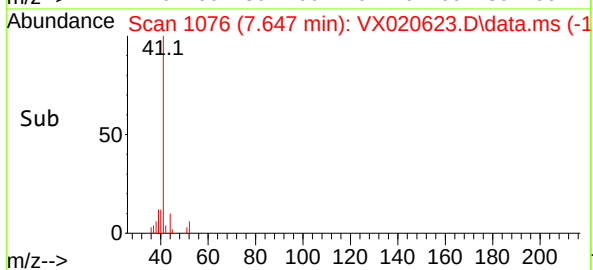
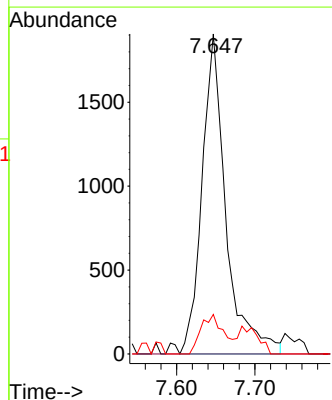
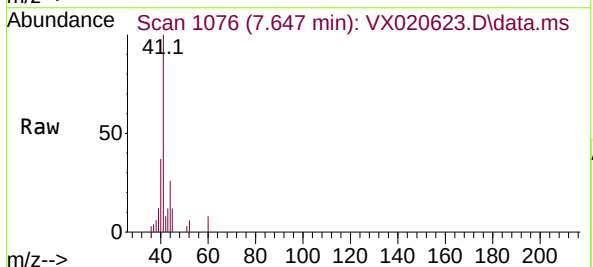
Instrument :
MSVOA_X
ClientSampleId :
NP-SP

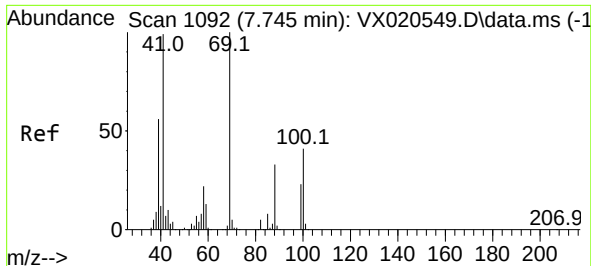
Tgt Ion:	43	Resp:	12618
Ion	Ratio	Lower	Upper
43	100		
61	22.3	18.2	27.4
87	16.4	12.5	18.7



#48
Methyl methacrylate
Concen: 2.08 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.098 min
Lab File: VX020623.D
Acq: 14 Jan 2021 19:17

Tgt Ion:	41	Resp:	4040
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#





#49

1,4-Dioxane

Concen: 3.53 ug/l

RT: 7.854 min Scan# 1110

Delta R.T. 0.109 min

Lab File: VX020623.D

Acq: 14 Jan 2021 19:17

Tgt Ion: 88 Resp: 173

Ion Ratio Lower Upper

88 100

43 417239.9 23.2 34.8#

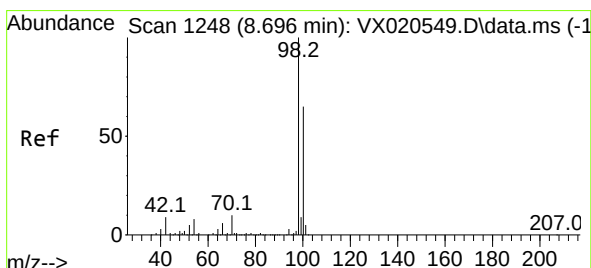
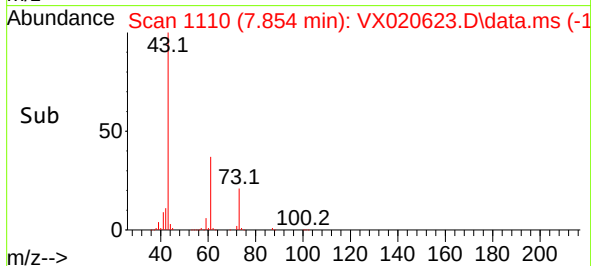
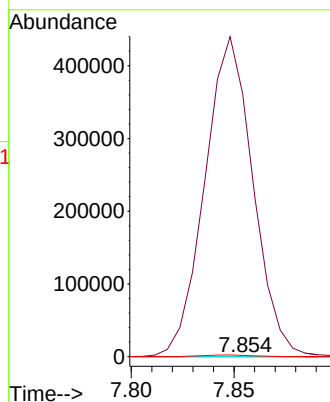
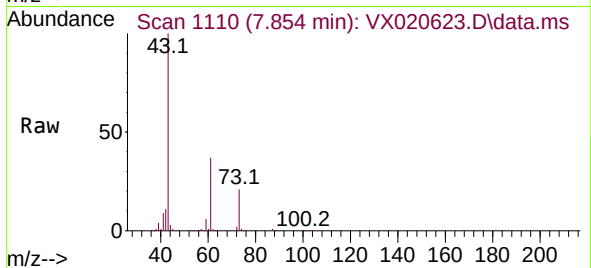
58 2390.2 55.0 82.4#

Instrument :

MSVOA_X

ClientSampleId :

NP-SP



#50

Toluene-d8

Concen: 49.33 ug/l

RT: 8.695 min Scan# 1248

Delta R.T. -0.001 min

Lab File: VX020623.D

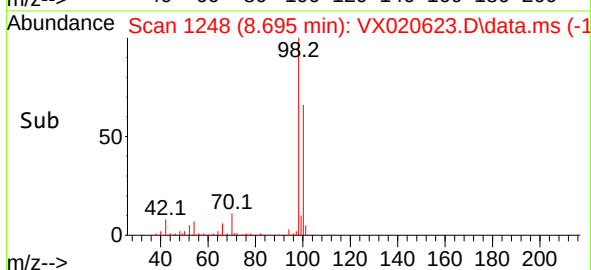
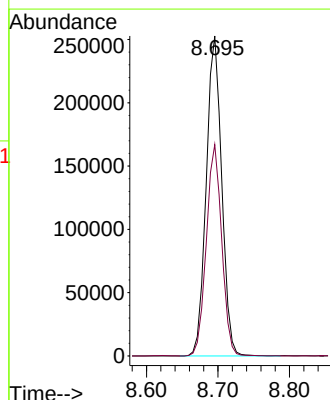
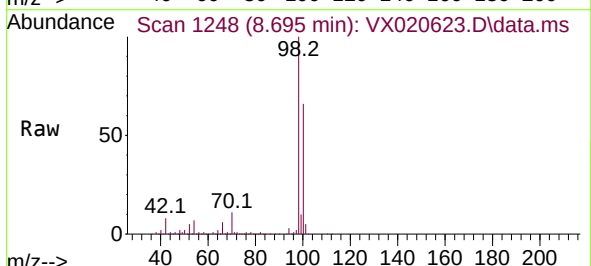
Acq: 14 Jan 2021 19:17

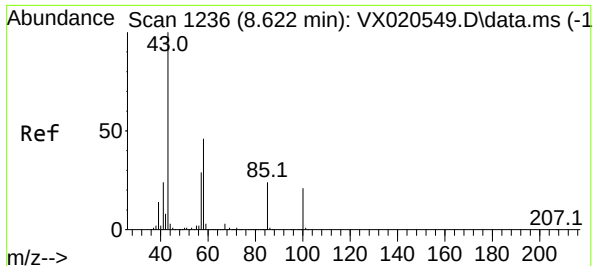
Tgt Ion: 98 Resp: 379906

Ion Ratio Lower Upper

98 100

100 65.9 51.9 77.9

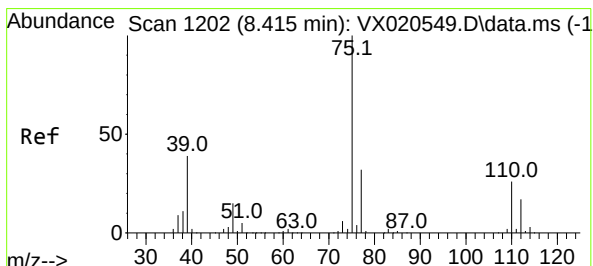
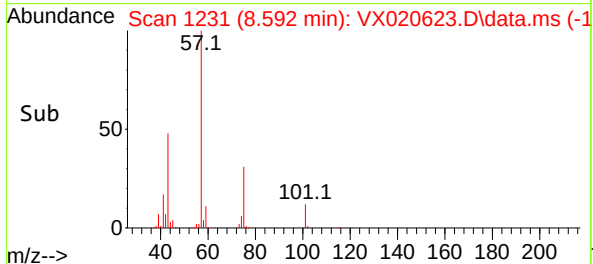
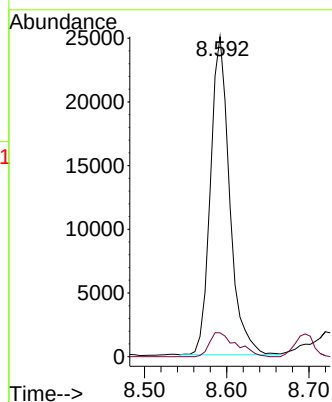
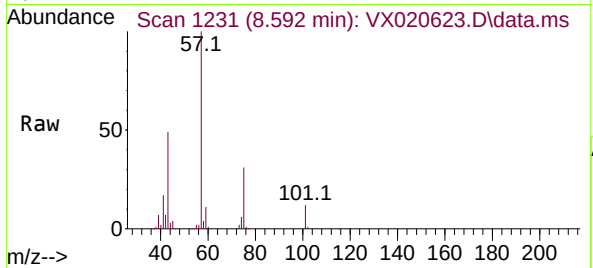




#51
4-Methyl-2-Pentanone
Concen: 16.32 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. -0.030 min
Lab File: VX020623.D
Acq: 14 Jan 2021 19:17

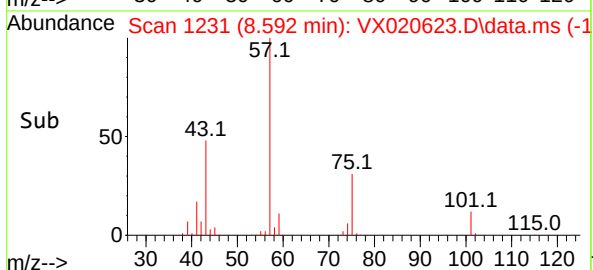
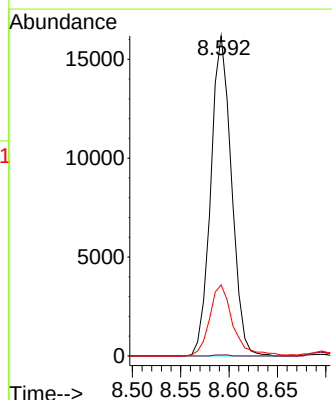
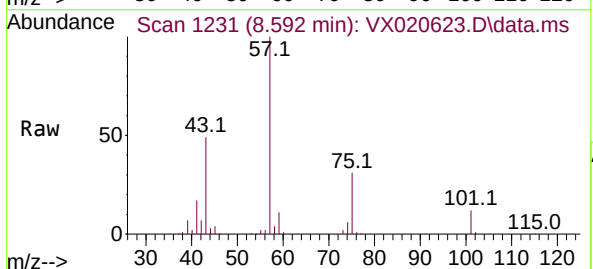
Instrument :
MSVOA_X
ClientSampled :
NP-SP

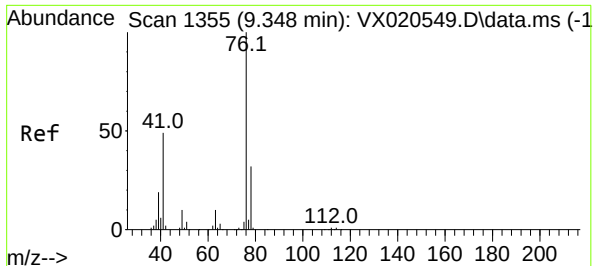
Tgt Ion: 43 Resp: 40445
Ion Ratio Lower Upper
43 100
58 10.6 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 6.81 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.177 min
Lab File: VX020623.D
Acq: 14 Jan 2021 19:17

Tgt Ion: 75 Resp: 24077
Ion Ratio Lower Upper
75 100
77 0.3 25.7 38.5#
39 22.2 35.1 52.7#

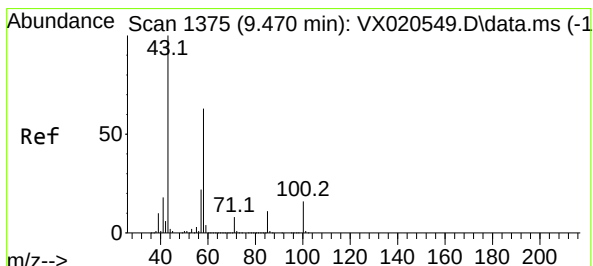
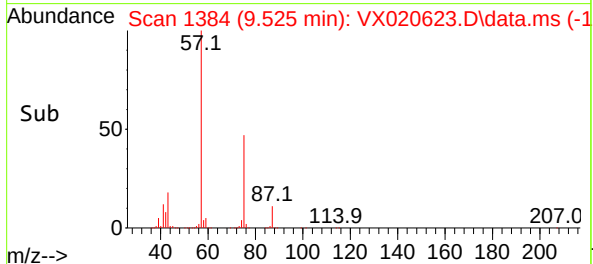
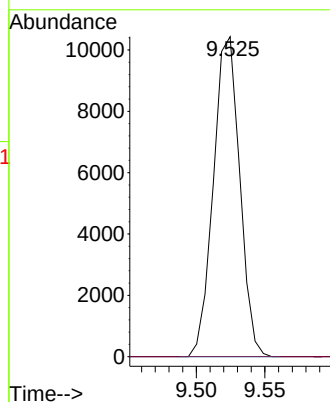
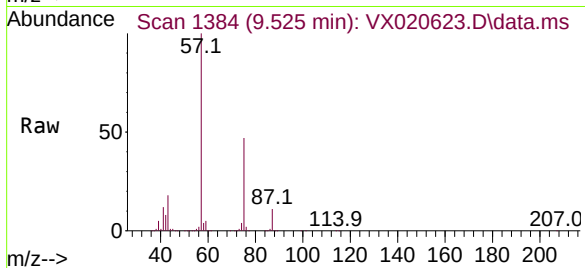




#57
1,3-Dichloropropane
Concen: 3.75 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.177 min
Lab File: VX020623.D
Acq: 14 Jan 2021 19:17

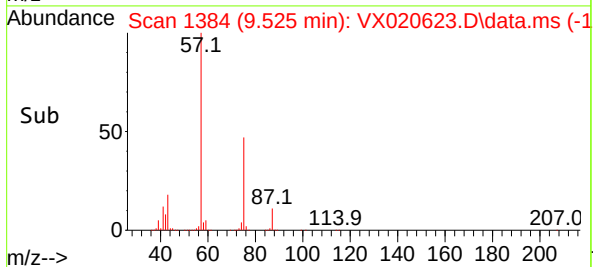
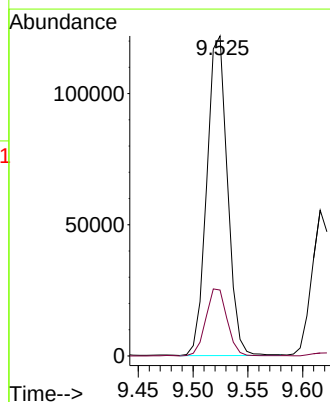
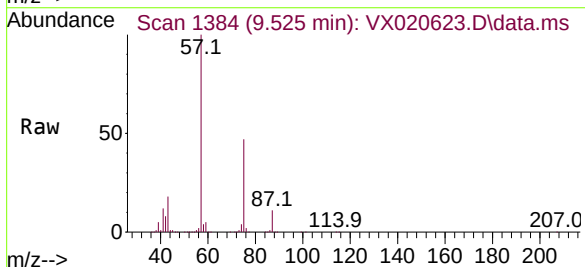
Instrument :
MSVOA_X
ClientSampleId :
NP-SP

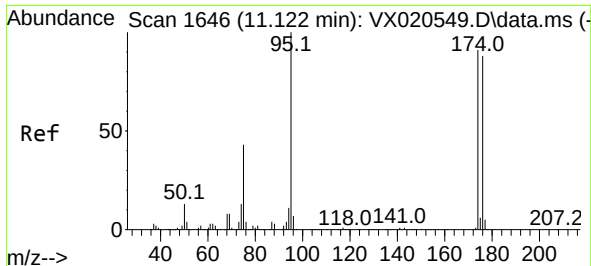
Tgt Ion: 76 Resp: 13954
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#



#59
2-Hexanone
Concen: 85.85 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.055 min
Lab File: VX020623.D
Acq: 14 Jan 2021 19:17

Tgt Ion: 43 Resp: 159529
Ion Ratio Lower Upper
43 100
58 21.7 30.9 92.8#

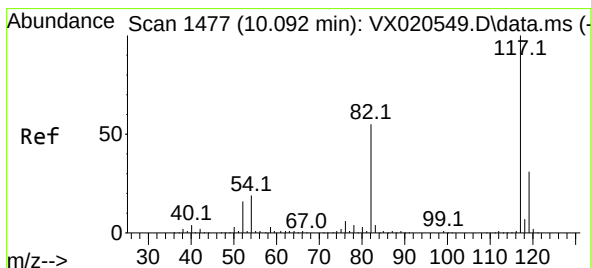
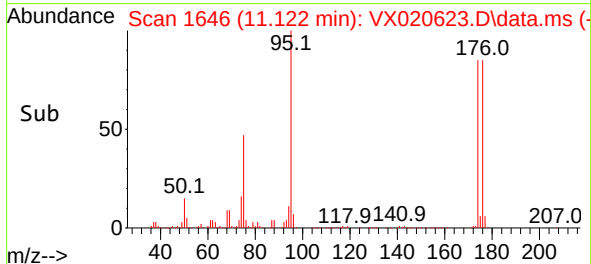
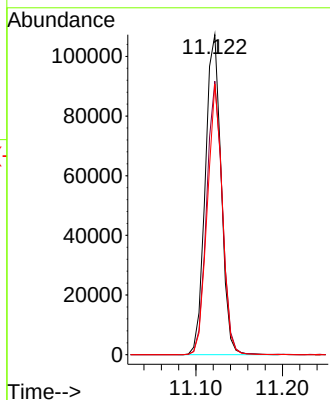
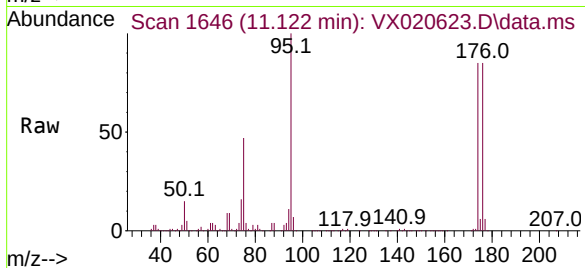




#62
4-Bromofluorobenzene
Concen: 50.07 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020623.D
Acq: 14 Jan 2021 19:17

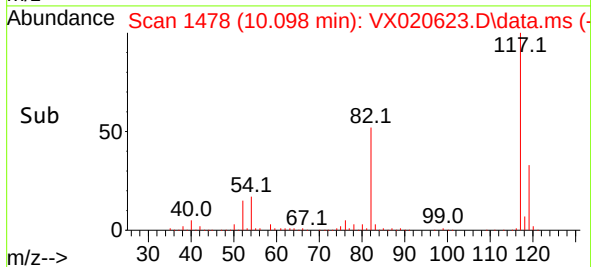
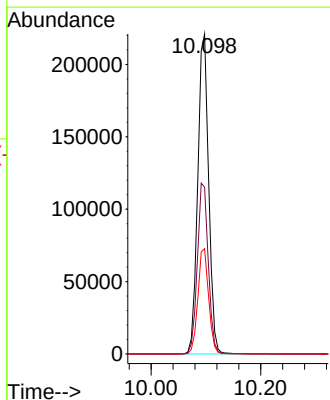
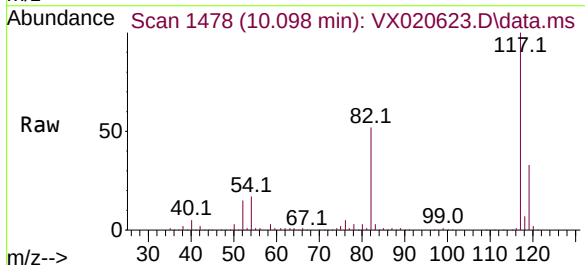
Instrument :
MSVOA_X
ClientSampleId :
NP-SP

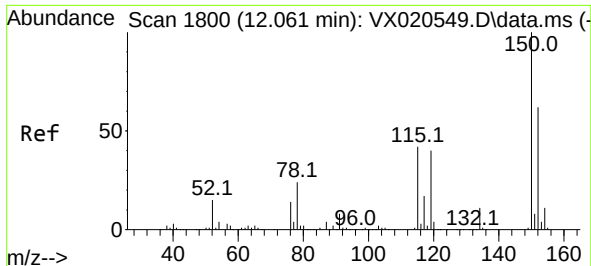
Tgt Ion: 95 Resp: 136174
Ion Ratio Lower Upper
95 100
174 84.4 0.0 154.6
176 80.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020623.D
Acq: 14 Jan 2021 19:17

Tgt Ion: 117 Resp: 305658
Ion Ratio Lower Upper
117 100
82 52.1 47.4 71.2
119 32.9 26.6 39.8

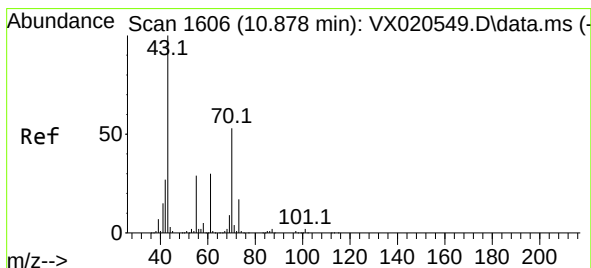
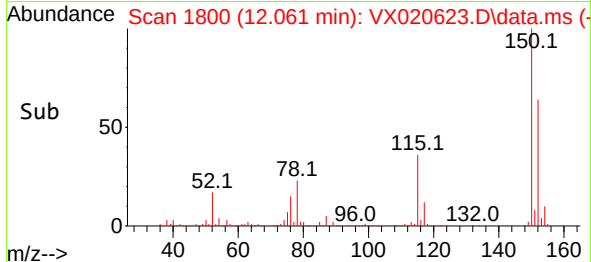
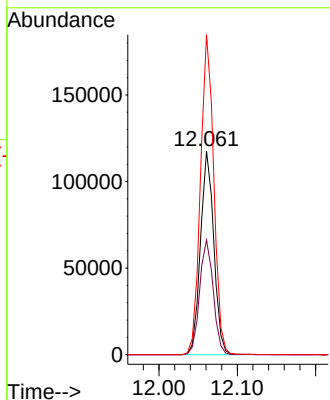
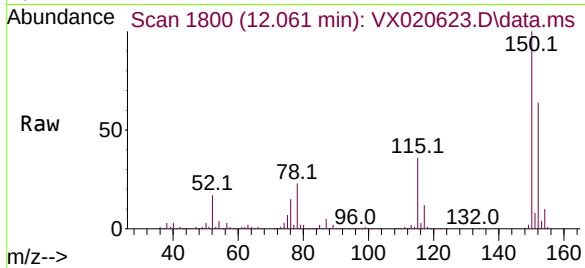




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020623.D
Acq: 14 Jan 2021 19:17

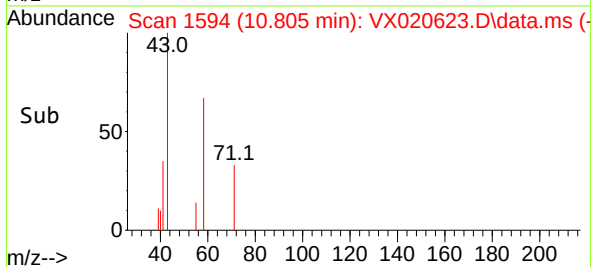
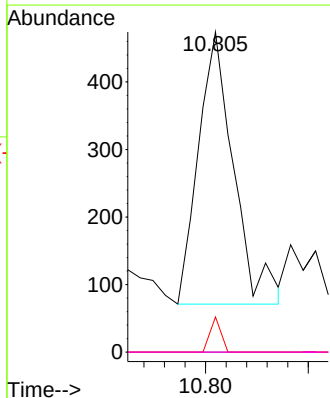
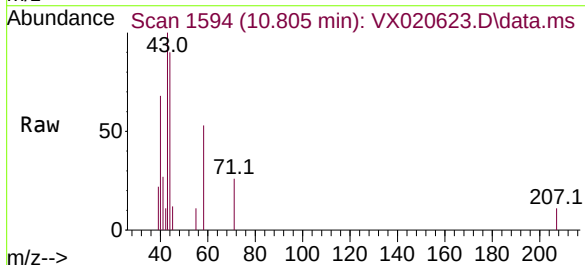
Instrument :
MSVOA_X
ClientSampleId :
NP-SP

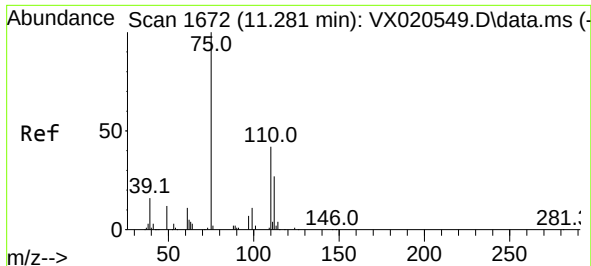
Tgt Ion:152 Resp: 138835
Ion Ratio Lower Upper
152 100
115 57.5 41.1 123.3
150 157.0 0.0 349.0



#74
N-ethyl acetate
Concen: 1.38 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. -0.073 min
Lab File: VX020623.D
Acq: 14 Jan 2021 19:17

Tgt Ion: 43 Resp: 481
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 4.0 21.5 32.3#
61 0.0 22.1 33.1#

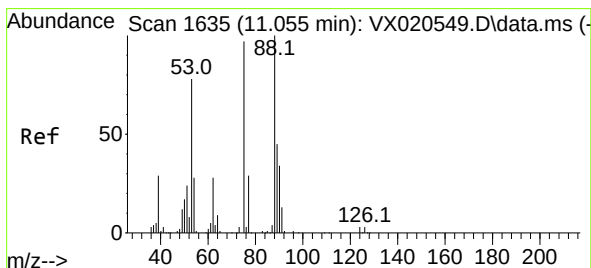
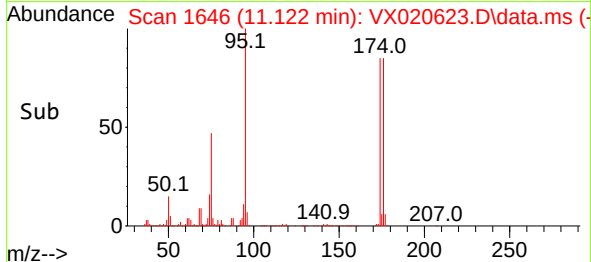
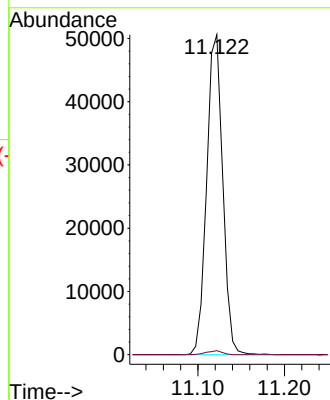
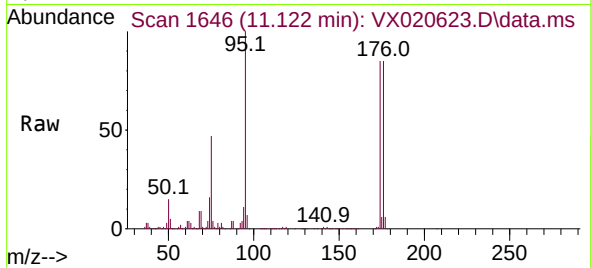




#76
1,2,3-Trichloropropane
Concen: 22.25 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020623.D
Acq: 14 Jan 2021 19:17

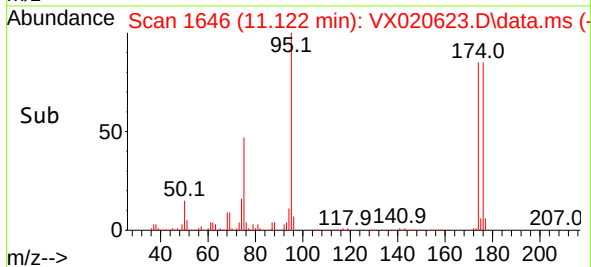
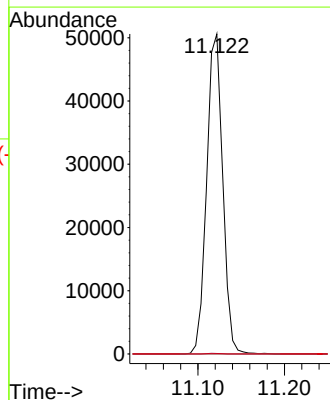
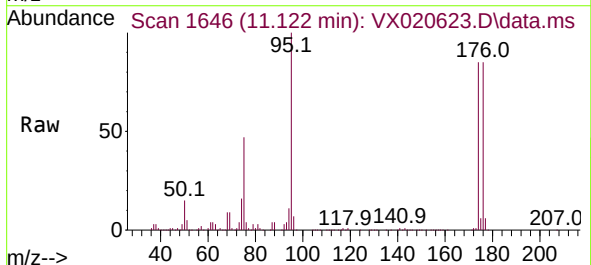
Instrument :
MSVOA_X
ClientSampleId :
NP-SP

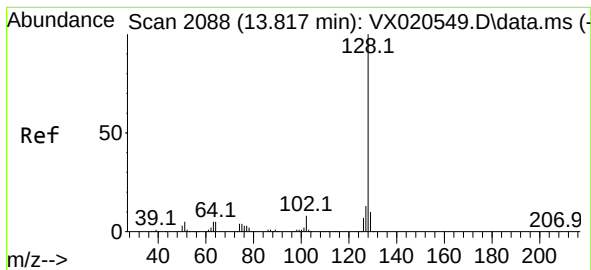
Tgt Ion: 75 Resp: 65069
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.62 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020623.D
Acq: 14 Jan 2021 19:17

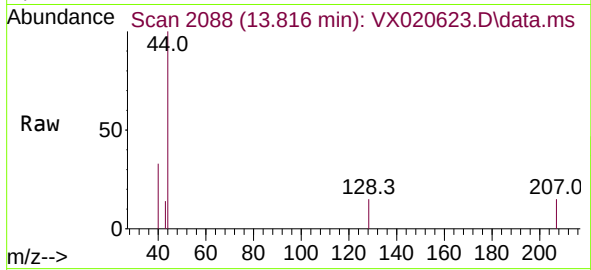
Tgt Ion: 75 Resp: 65069
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 3.85 ug/l
RT: 13.816 min Scan# 2088
Delta R.T. -0.001 min
Lab File: VX020623.D
Acq: 14 Jan 2021 19:17

Instrument :
MSVOA_X
ClientSampleId :
NP-SP



Tgt Ion:128 Resp: 91
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

