

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
 Data File : VX020275.D
 Acq On : 22 Dec 2020 01:46
 Operator : JC/MD
 Sample : PB133709ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 22 05:17:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

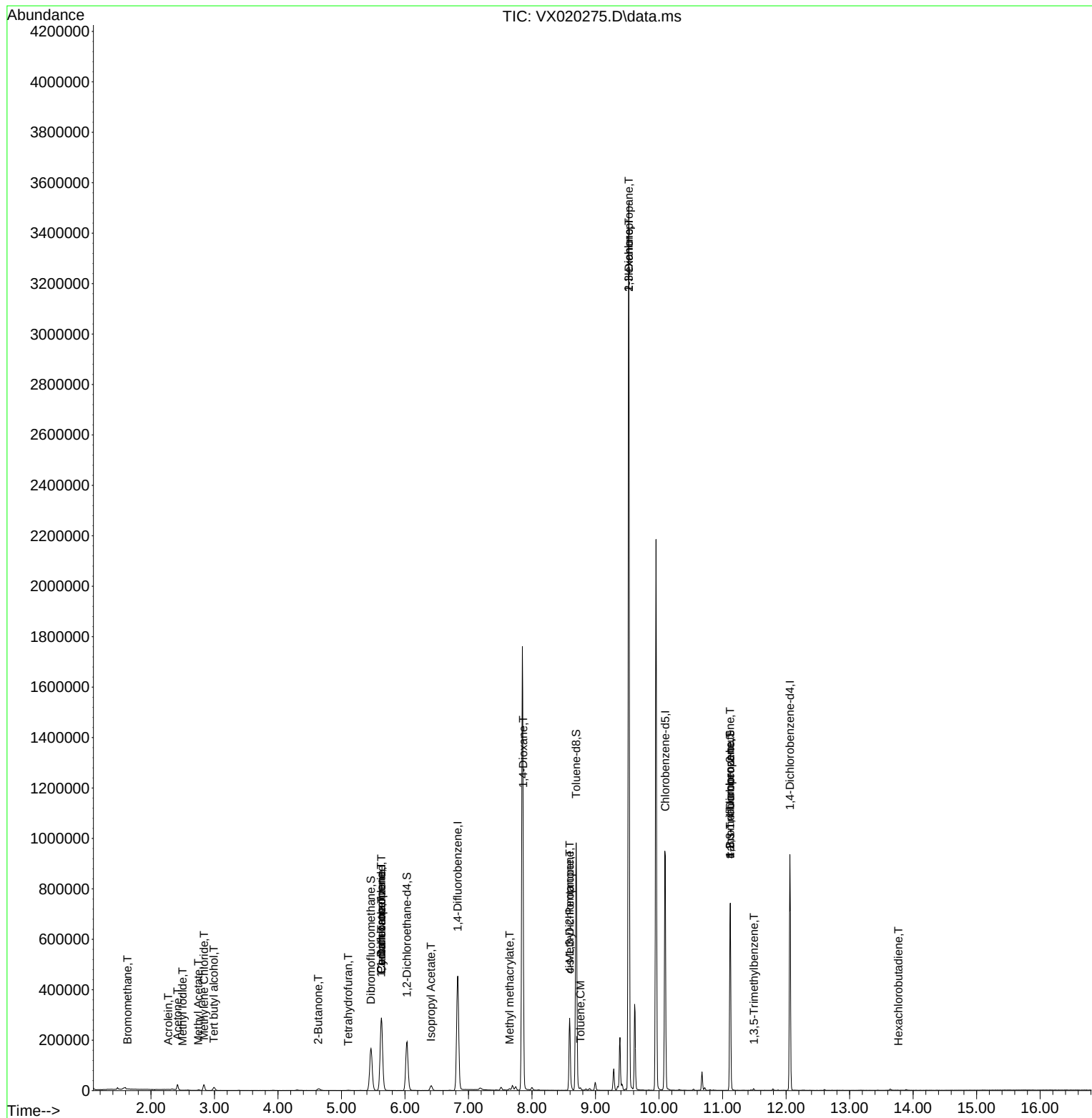
Internal Standards						
1) Pentafluorobenzene	5.629	168	271051	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	455166	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	441110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	186677	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	183096	50.39	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.78%			
35) Dibromofluoromethane	5.464	113	146994	50.48	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.96%			
50) Toluene-d8	8.695	98	576658	51.45	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.90%			
62) 4-Bromofluorobenzene	11.122	95	200781	46.81	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.62%			
Target Compounds					Qvalue	
5) Bromomethane	1.630	94	302	0.25	ug/l #	68
10) Methyl Iodide	2.495	142	30	3.29	ug/l #	42
11) Tert butyl alcohol	2.989	59	7717	9.49	ug/l #	80
13) Acrolein	2.270	56	170	0.33	ug/l #	14
16) Acetone	2.416	43	21782	13.15	ug/l	98
18) Methyl Acetate	2.745	43	3402	0.92	ug/l	93
20) Methylene Chloride	2.837	84	10341	2.77	ug/l	98
25) 2-Butanone	4.635	43	9029	3.74	ug/l	95
29) Tetrahydrofuran	5.105	42	1229	0.81	ug/l #	72
31) Cyclohexane	5.629	56	5397	1.08	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	21068	4.68	ug/l #	49
38) Carbon Tetrachloride	5.629	117	26786	6.26	ug/l #	17
43) Isopropyl Acetate	6.409	43	25093	3.40	ug/l	97
48) Methyl methacrylate	7.647	41	7313	2.02	ug/l #	10
49) 1,4-Dioxane	7.860	88	294	3.47	ug/l #	1
51) 4-Methyl-2-Pentanone	8.592	43	91379	20.00	ug/l #	47
52) Toluene	8.762	92	2113	0.25	ug/l	99
54) cis-1,3-Dichloropropene	8.592	75	46321	8.31	ug/l #	62
57) 1,3-Dichloropropane	9.525	76	30047	5.01	ug/l #	43
59) 2-Hexanone	9.525	43	368003	105.69	ug/l #	46
76) 1,2,3-Trichloropropane	11.122	75	99136	21.56	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.494	105	2773	0.24	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.122	75	99136	63.96	ug/l #	12
94) Hexachlorobutadiene	13.768	225	46	2.67	ug/l #	19

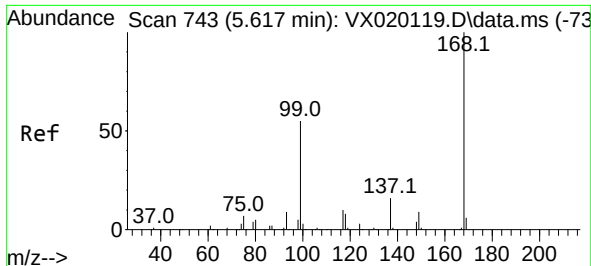
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
Data File : VX020275.D
Acq On : 22 Dec 2020 01:46
Operator : JC/MD
Sample : PB133709ZHE#06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 22 05:17:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration

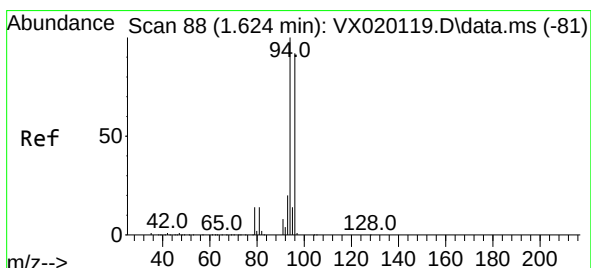
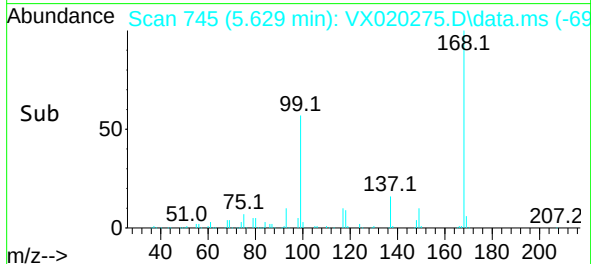
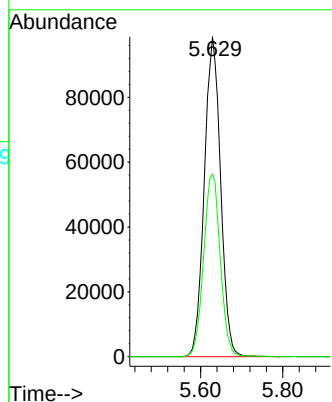
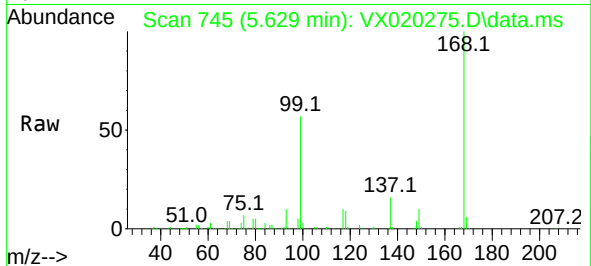




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

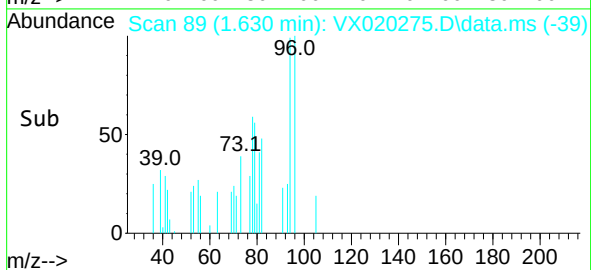
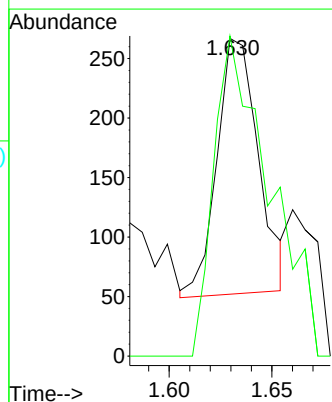
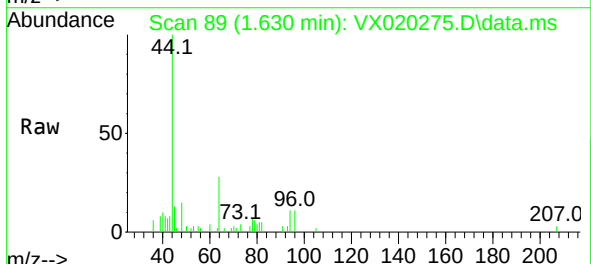
Instrument :
MSVOA_X
ClientSampled :

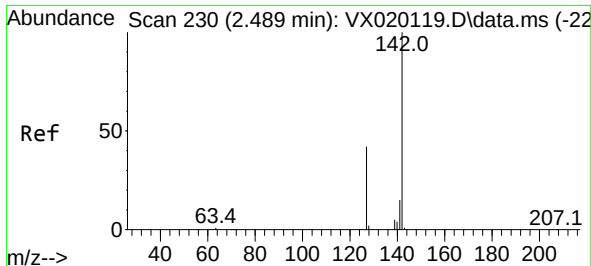
Tgt Ion:168 Resp: 271051
Ion Ratio Lower Upper
168 100
99 57.0 45.8 68.6



#5
Bromomethane
Concen: 0.25 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

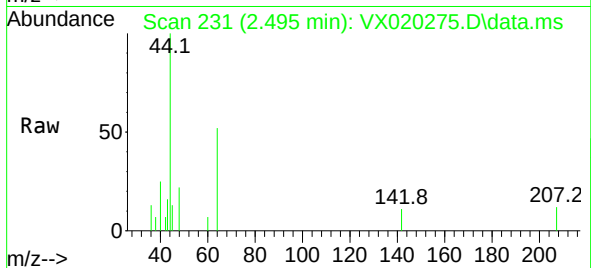
Tgt Ion: 94 Resp: 302
Ion Ratio Lower Upper
94 100
96 126.9 76.4 114.6#



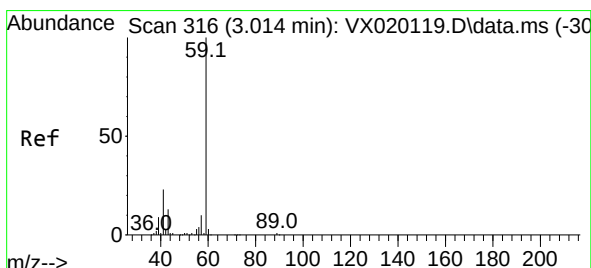
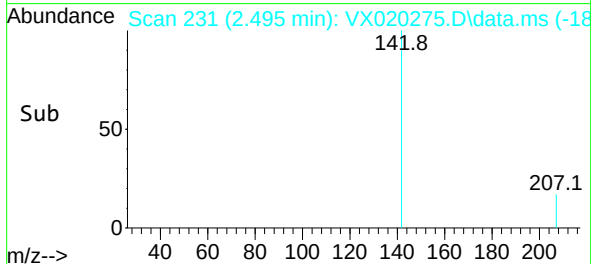
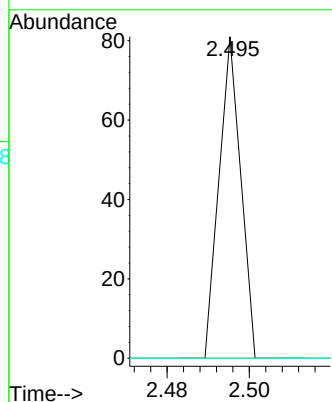


#10
Methyl Iodide
Concen: 3.29 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

Instrument :
MSVOA_X
ClientSampleId :

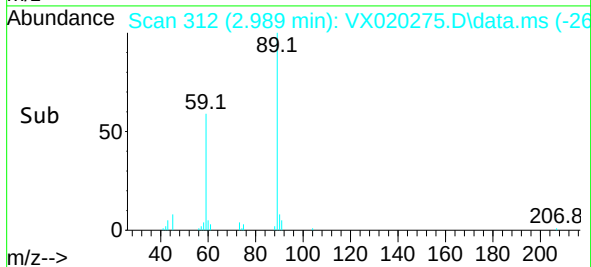
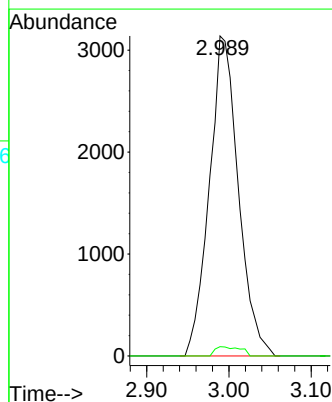
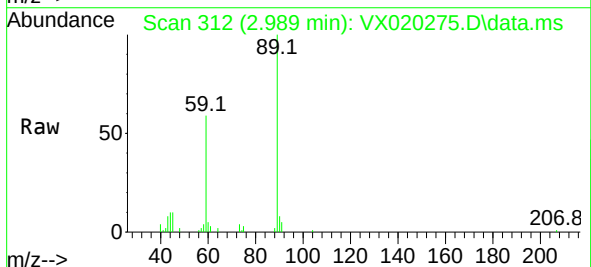


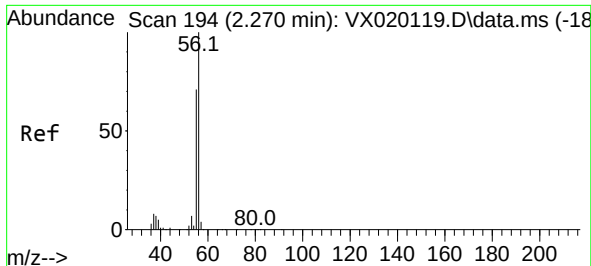
Tgt Ion:142 Resp: 30
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 9.49 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

Tgt Ion: 59 Resp: 7717
Ion Ratio Lower Upper
59 100
57 2.5 7.8 11.8#

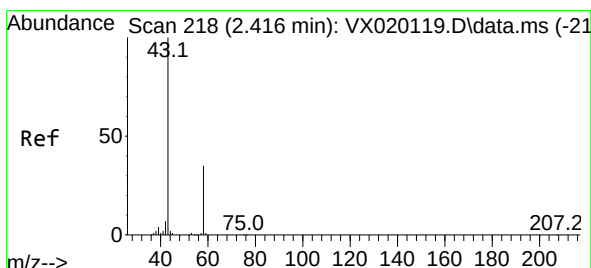
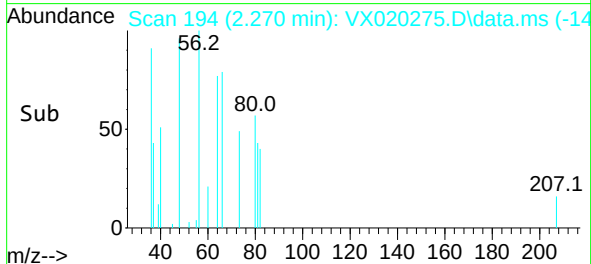
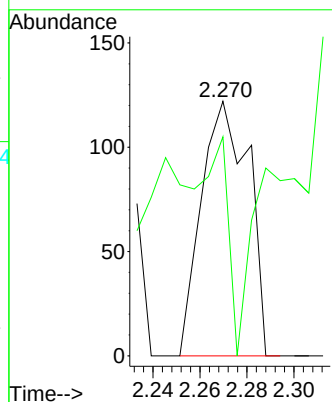
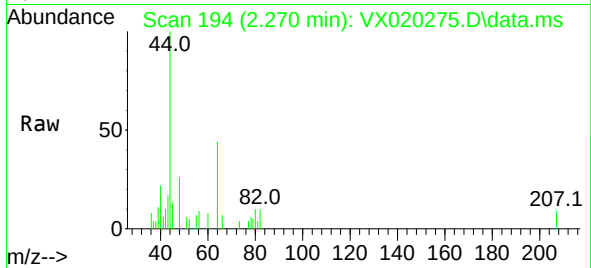




#13
Acrolein
Concen: 0.33 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.000 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

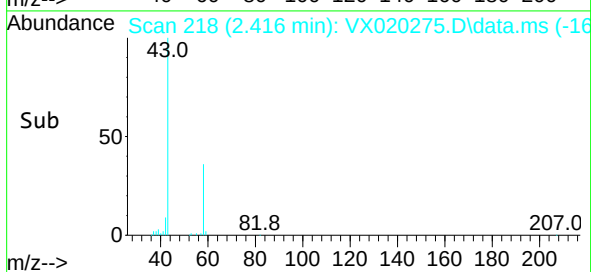
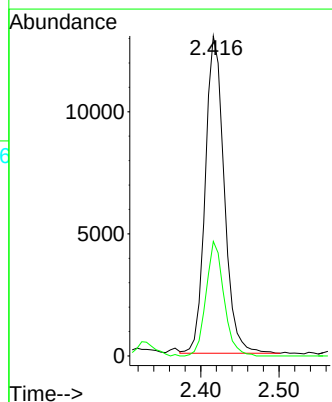
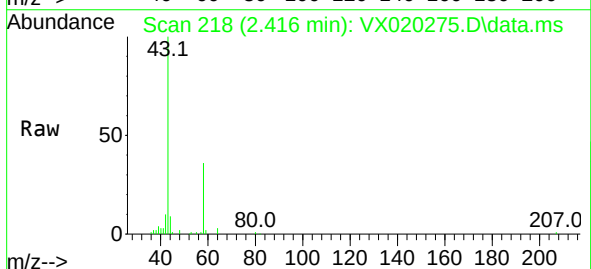
Instrument :
MSVOA_X
ClientSampled :

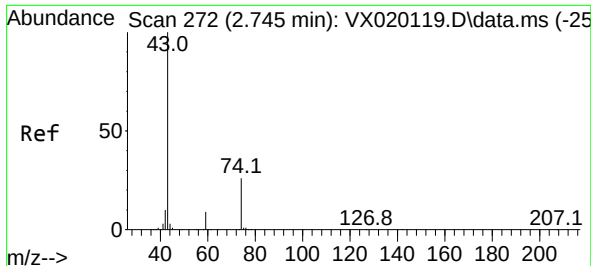
Tgt Ion: 56 Resp: 170
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 13.15 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

Tgt Ion: 43 Resp: 21782
Ion Ratio Lower Upper
43 100
58 36.1 27.8 41.8

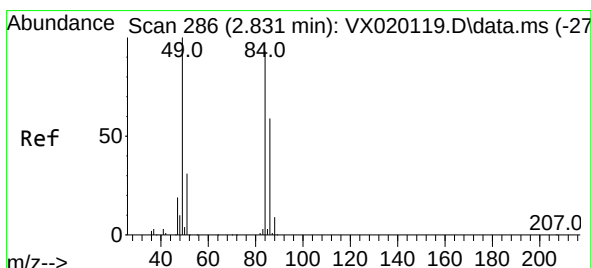
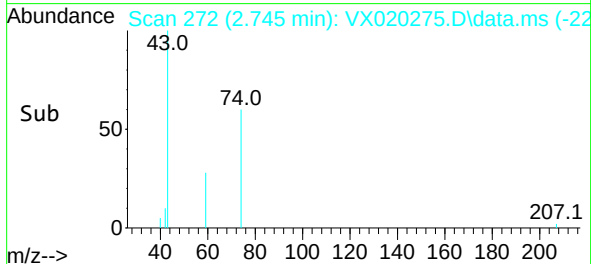
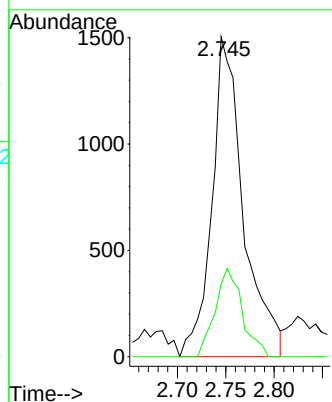
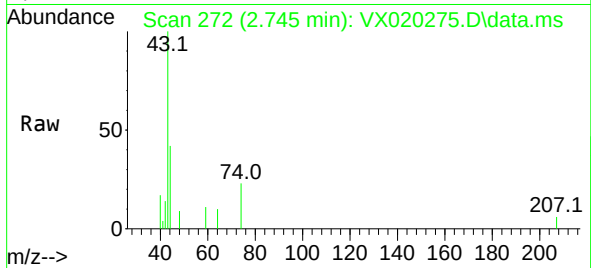




#18
Methyl Acetate
Concen: 0.92 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

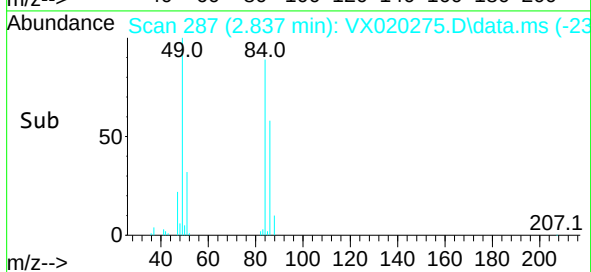
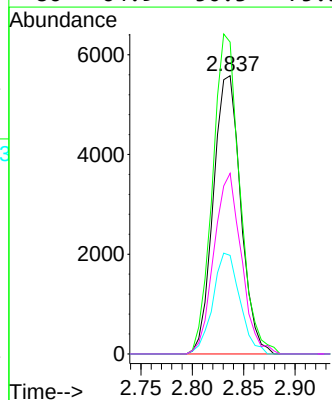
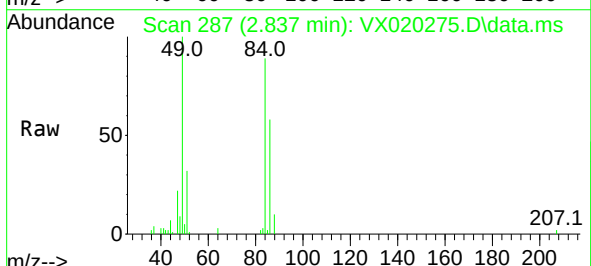
Instrument :
MSVOA_X
ClientSampleId :

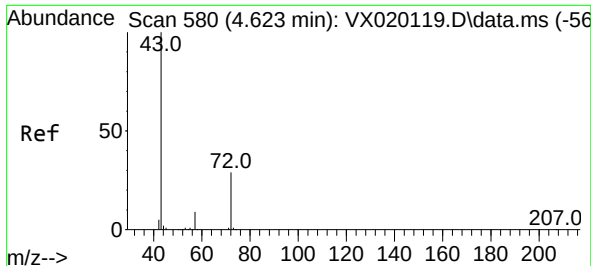
Tgt Ion: 43 Resp: 3402
Ion Ratio Lower Upper
43 100
74 23.8 21.9 32.9



#20
Methylene Chloride
Concen: 2.77 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

Tgt Ion: 84 Resp: 10341
Ion Ratio Lower Upper
84 100
49 112.1 88.6 132.8
51 35.4 27.0 40.6
86 64.9 50.3 75.5

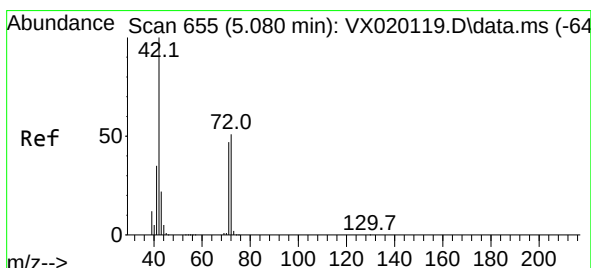
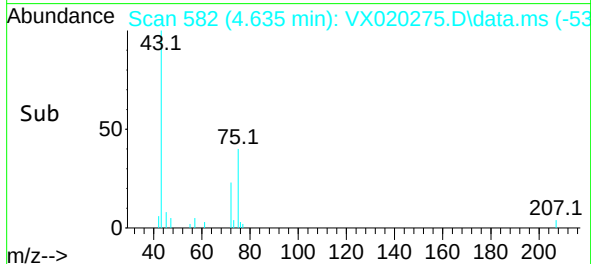
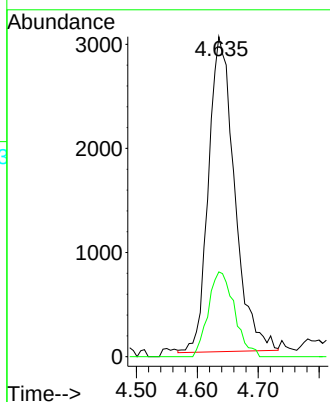
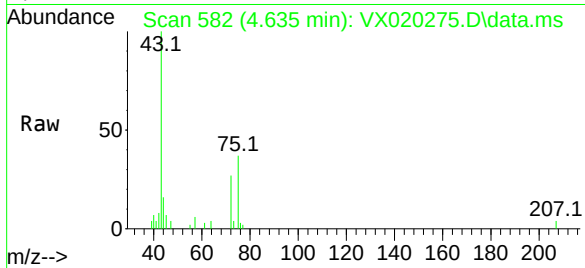




#25
2-Butanone
Concen: 3.74 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.012 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

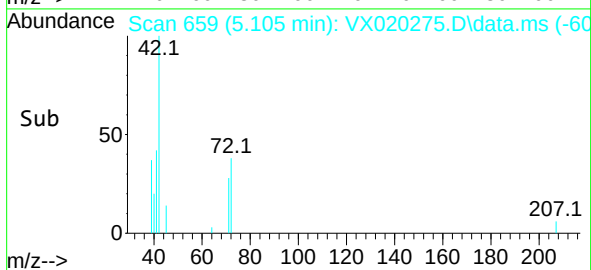
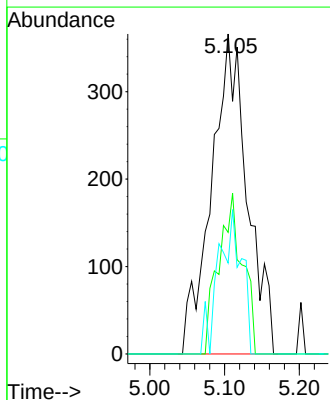
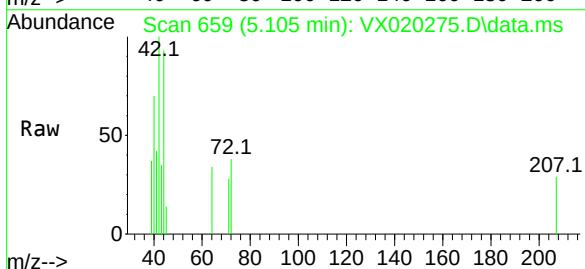
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MSVOA_X
ClientSampleId :

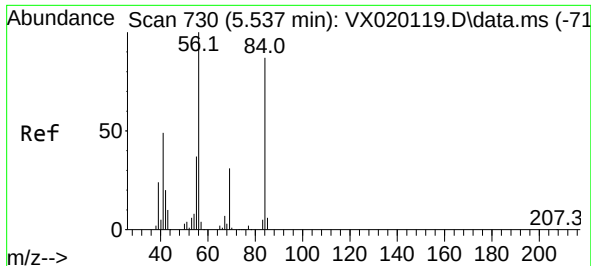
Tgt Ion: 43 Resp: 9029
Ion Ratio Lower Upper
43 100
72 27.1 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.81 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.025 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

Tgt Ion: 42 Resp: 1229
Ion Ratio Lower Upper
42 100
72 33.4 41.7 62.5#
71 28.7 38.4 57.6#

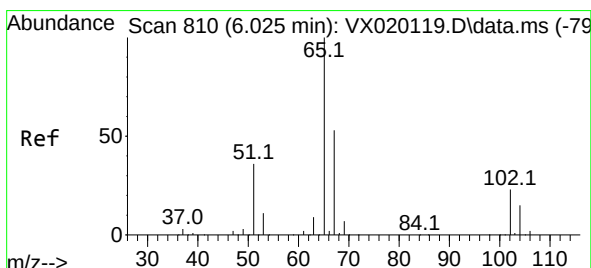
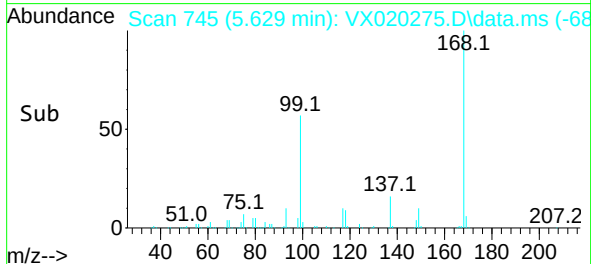
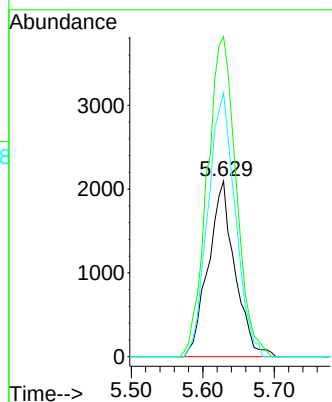
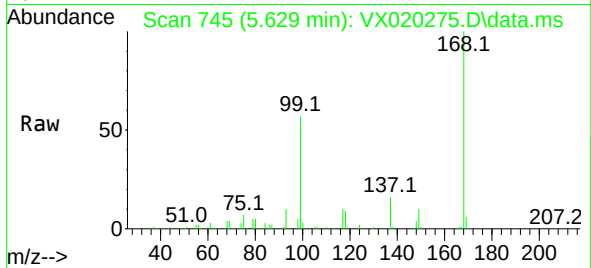




#31
Cyclohexane
Concen: 1.08 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

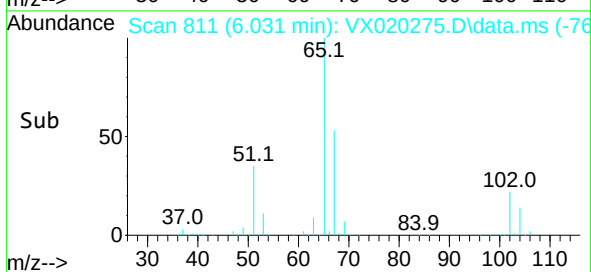
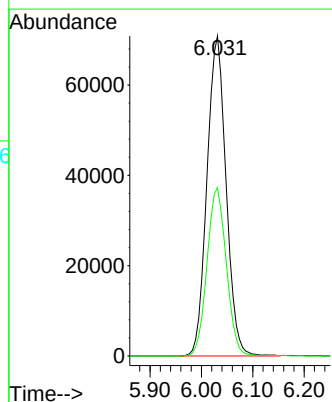
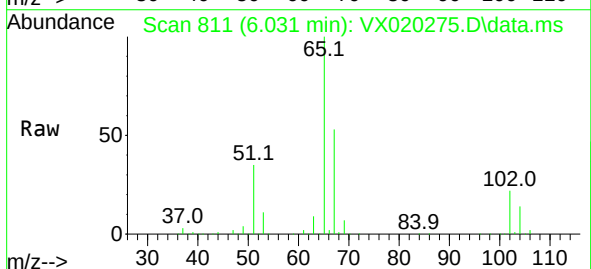
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MSVOA_X
ClientSampleId :

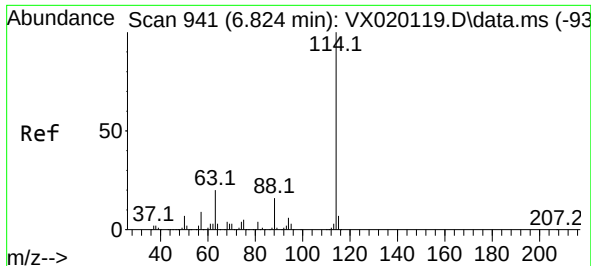
Tgt Ion: 56 Resp: 5397
Ion Ratio Lower Upper
56 100
69 182.3 25.3 37.9#
84 150.4 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.39 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

Tgt Ion: 65 Resp: 183096
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4

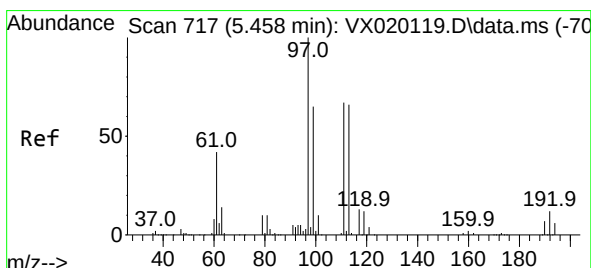
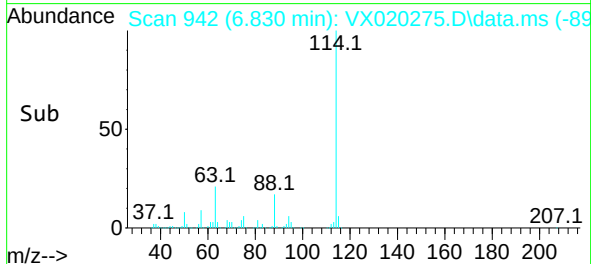
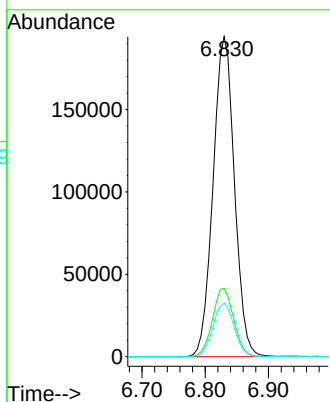
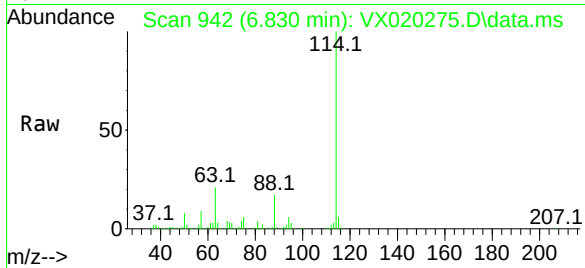




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

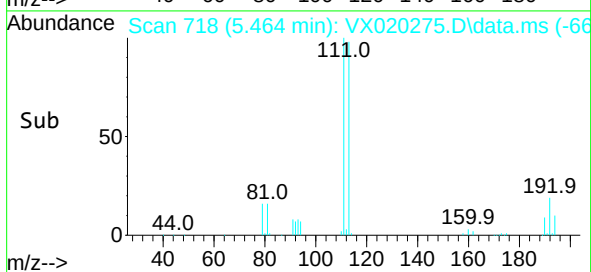
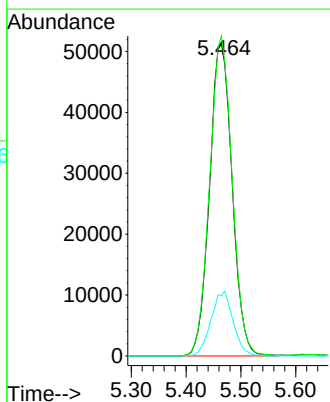
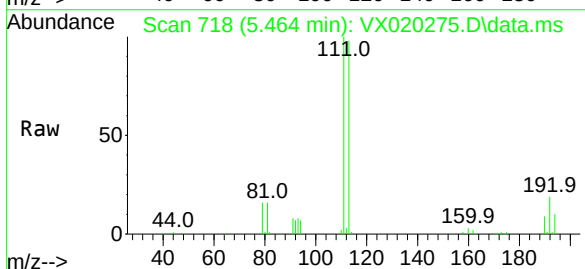
Instrument :
MSVOA_X
ClientSampleId :

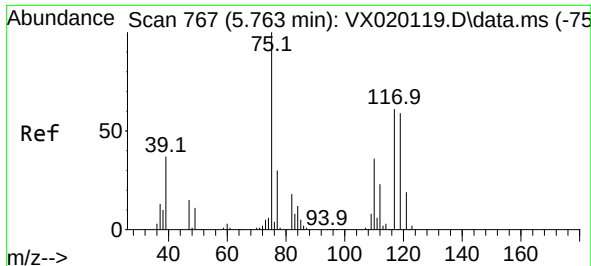
Tgt Ion:114 Resp: 455166
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.48 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

Tgt Ion:113 Resp: 146994
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 20.2 16.7 25.1

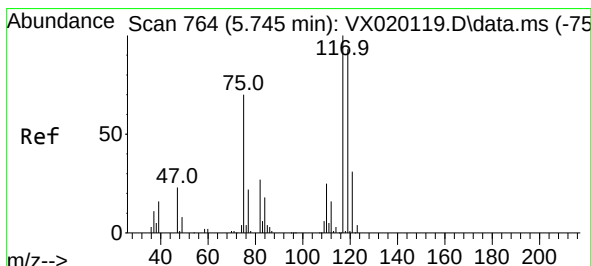
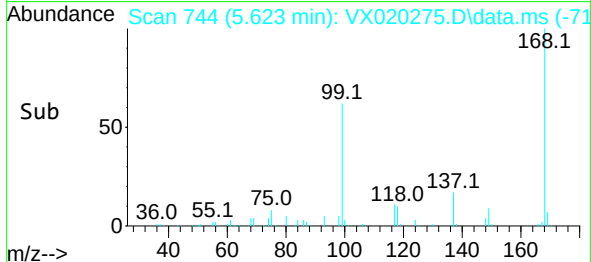
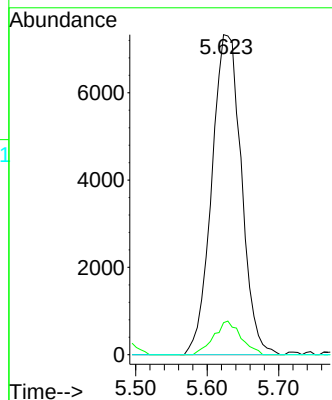
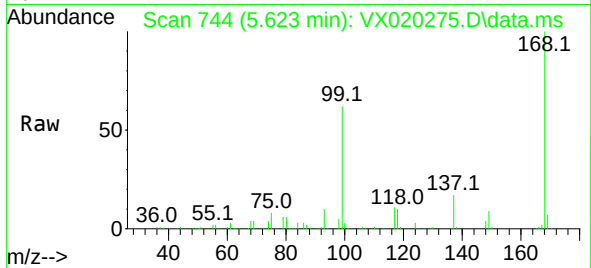




#36
1,1-Dichloropropene
Concen: 4.68 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

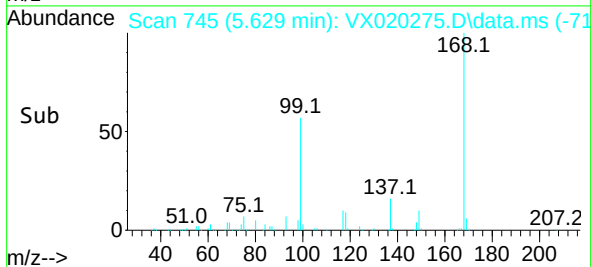
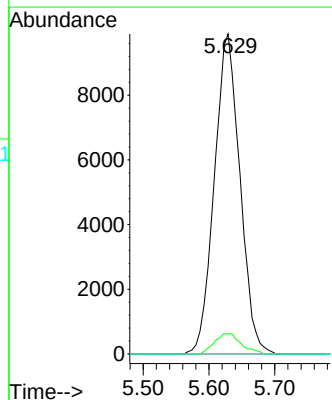
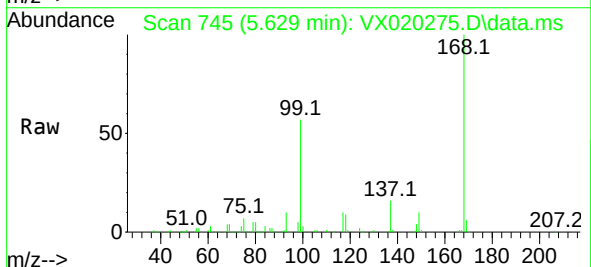
Instrument :
MSVOA_X
ClientSampleId :

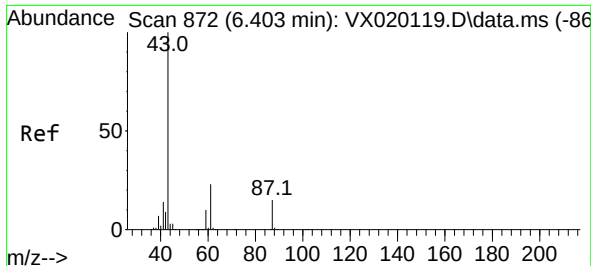
Tgt Ion: 75 Resp: 21068
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.26 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

Tgt Ion: 117 Resp: 26786
Ion Ratio Lower Upper
117 100
119 6.3 76.2 114.2#
121 0.0 24.8 37.2#

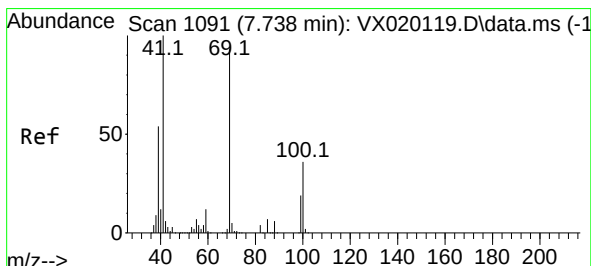
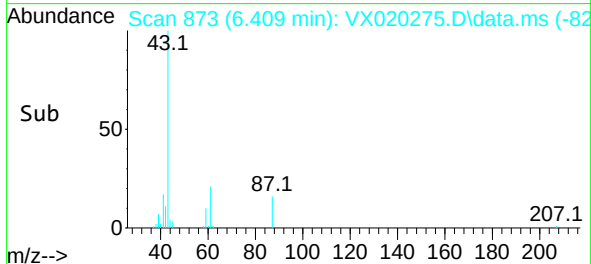
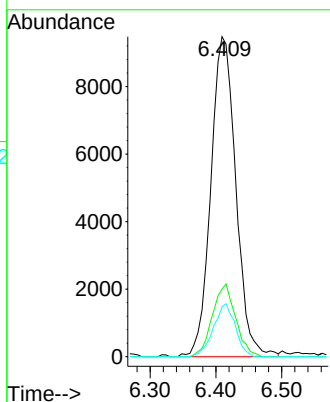
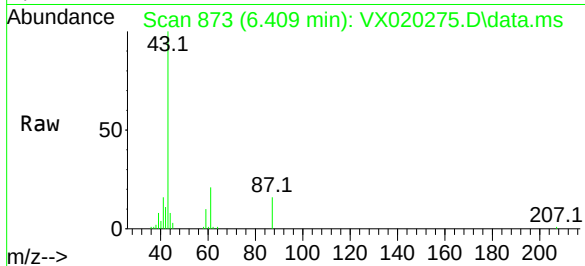




#43
Isopropyl Acetate
Concen: 3.40 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.006 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

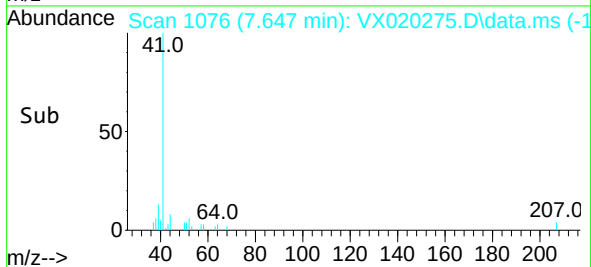
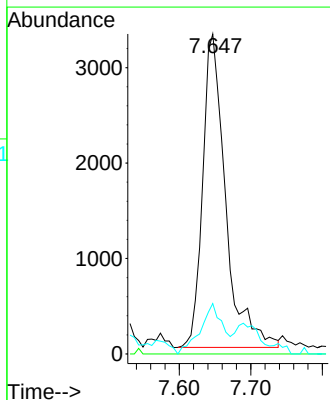
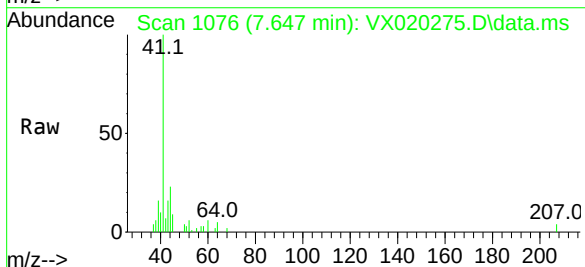
Instrument :
MSVOA_X
ClientSampleId :

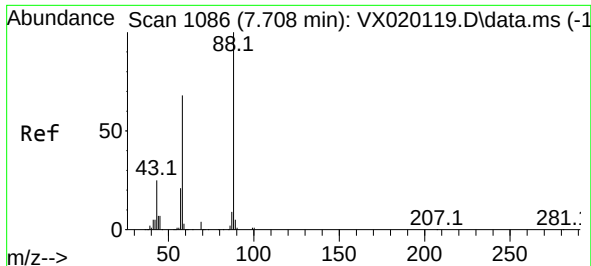
Tgt Ion:	43	Resp:	25093
Ion	Ratio	Lower	Upper
43	100		
61	21.1	18.2	27.4
87	14.5	12.5	18.7



#48
Methyl methacrylate
Concen: 2.02 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.091 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

Tgt Ion:	41	Resp:	7313
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#

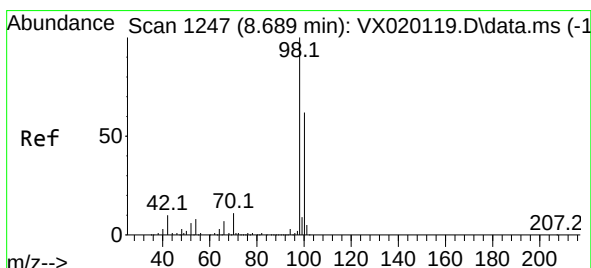
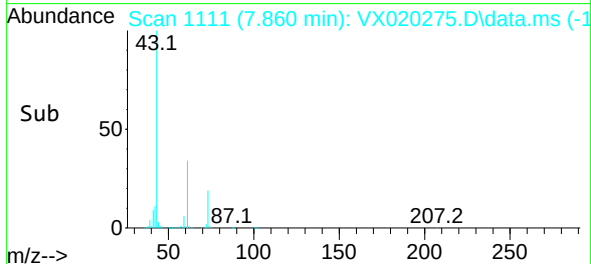
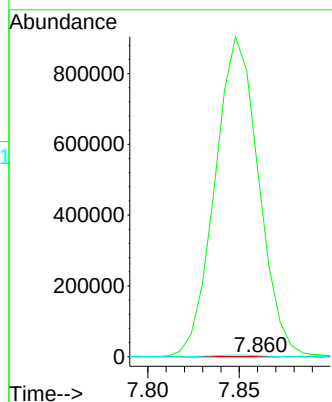
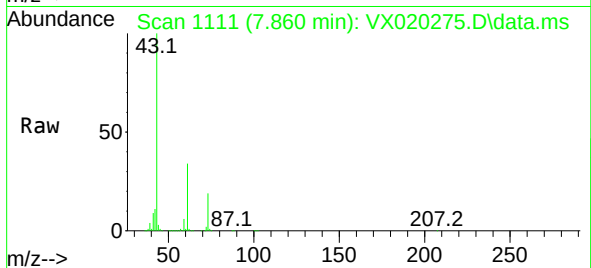




#49
1,4-Dioxane
Concen: 3.47 ug/l
RT: 7.860 min Scan# 1111
Delta R.T. 0.152 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

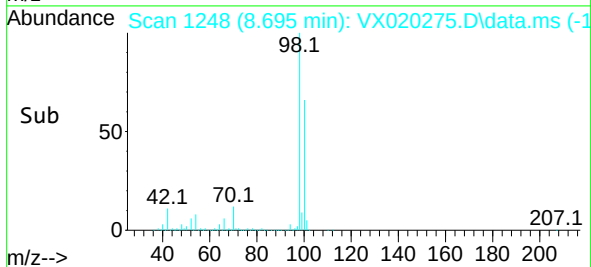
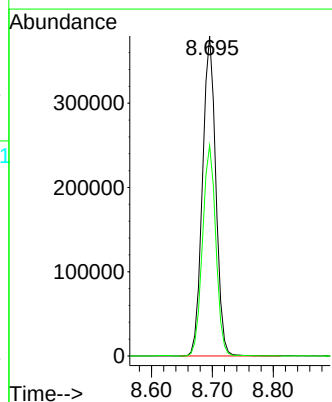
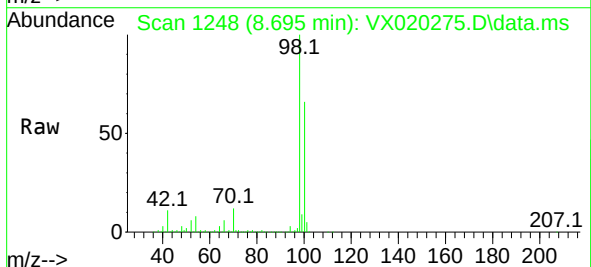
Instrument :
MSVOA_X
ClientSampleId :

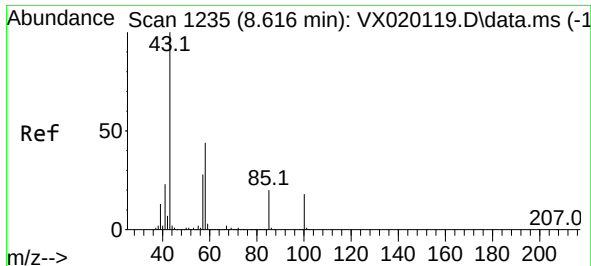
Tgt Ion: 88 Resp: 294
Ion Ratio Lower Upper
88 100
43 514837.1 23.2 34.8#
58 2801.0 55.0 82.4#



#50
Toluene-d8
Concen: 51.45 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

Tgt Ion: 98 Resp: 576658
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

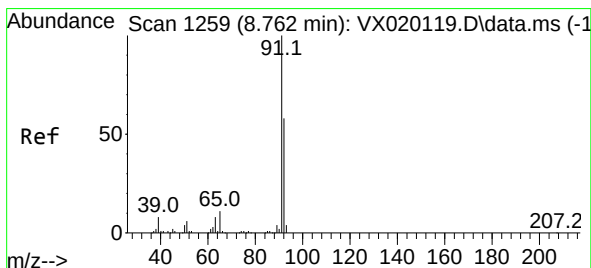
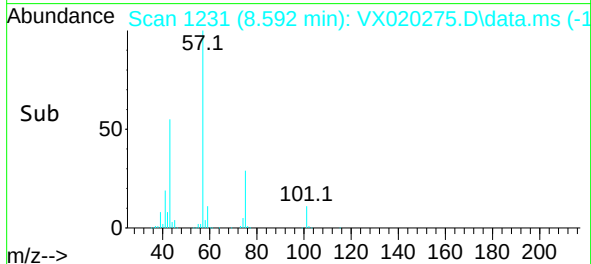
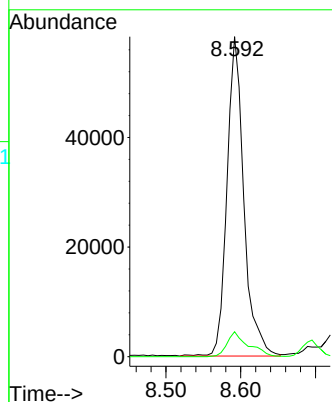
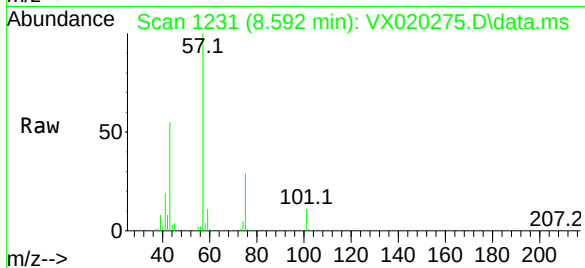




#51
4-Methyl-2-Pentanone
Concen: 20.00 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. -0.024 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

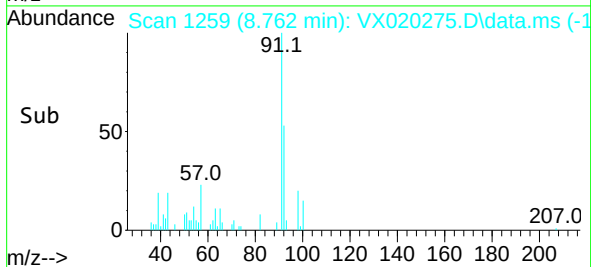
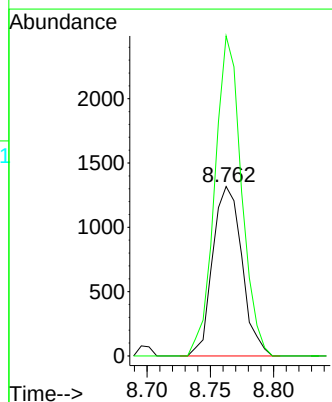
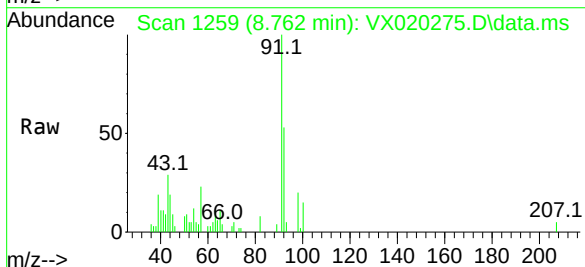
Instrument :
MSVOA_X
ClientSampled :

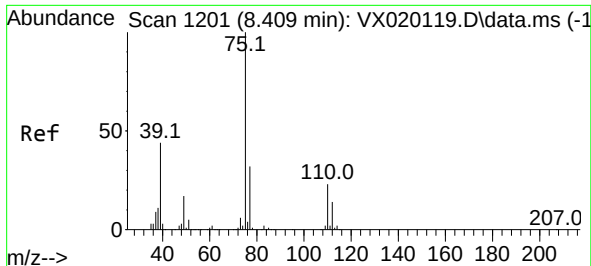
Tgt Ion: 43 Resp: 91379
Ion Ratio Lower Upper
43 100
58 9.9 35.4 53.0#



#52
Toluene
Concen: 0.25 ug/l
RT: 8.762 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

Tgt Ion: 92 Resp: 2113
Ion Ratio Lower Upper
92 100
91 173.2 137.1 205.7

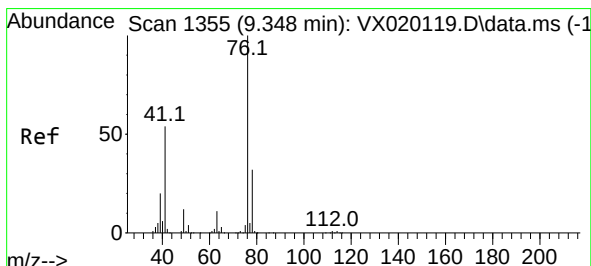
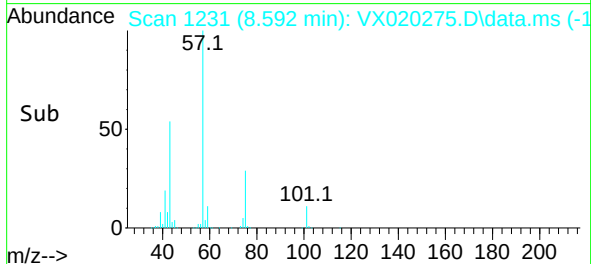
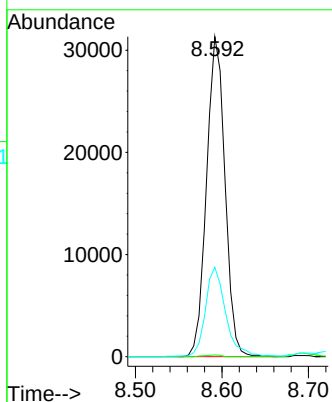
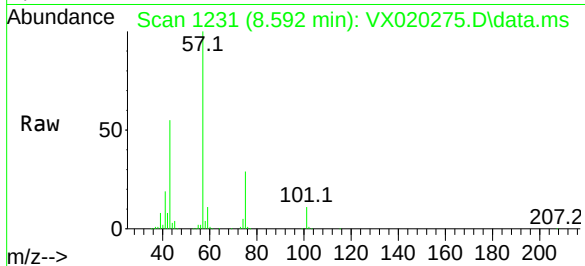




#54
cis-1,3-Dichloropropene
Concen: 8.31 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.183 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

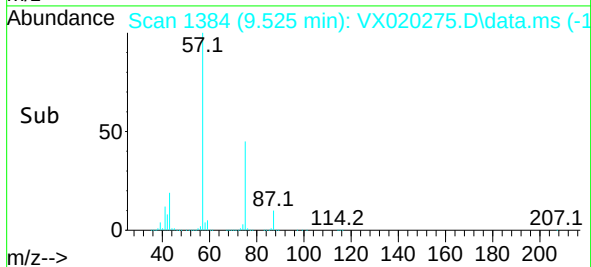
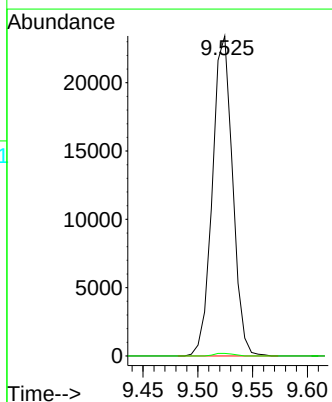
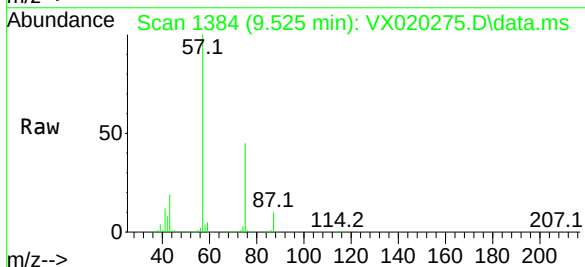
Instrument :
MSVOA_X
ClientSampleId :

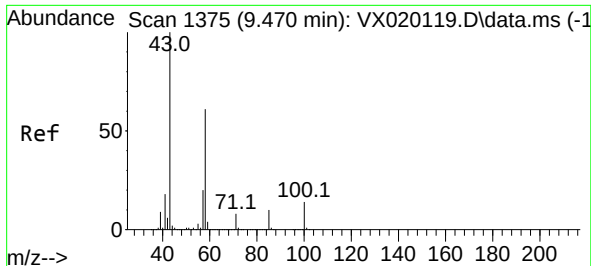
Tgt Ion: 75 Resp: 46321
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 27.8 35.1 52.7#



#57
1,3-Dichloropropane
Concen: 5.01 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.177 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

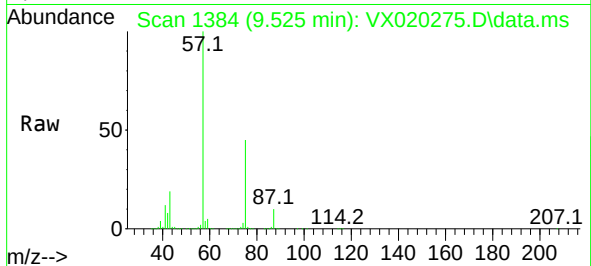
Tgt Ion: 76 Resp: 30047
Ion Ratio Lower Upper
76 100
78 0.8 26.2 39.2#



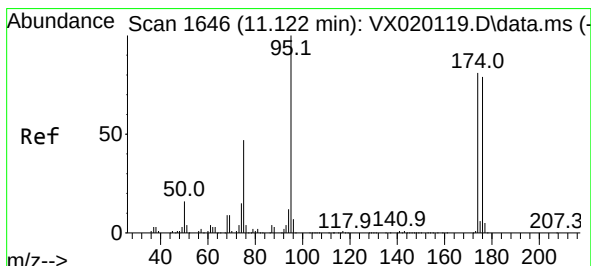
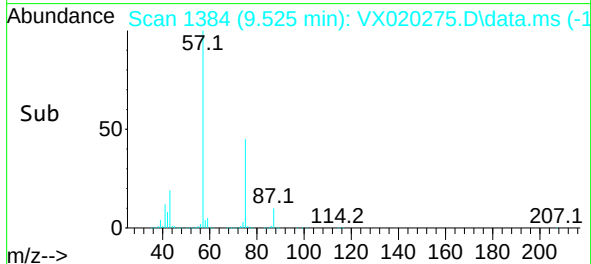
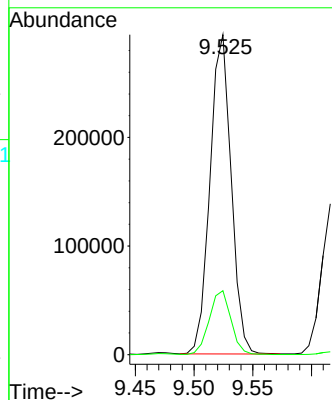


#59
2-Hexanone
Concen: 105.69 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.055 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

Instrument :
MSVOA_X
ClientSampled :

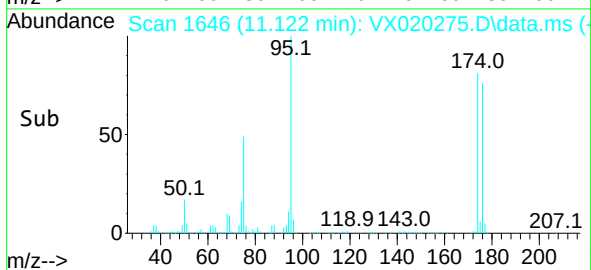
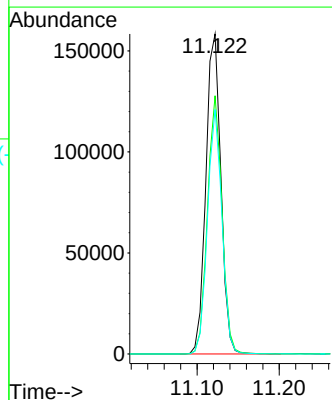
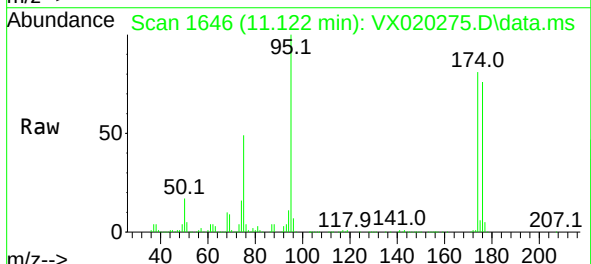


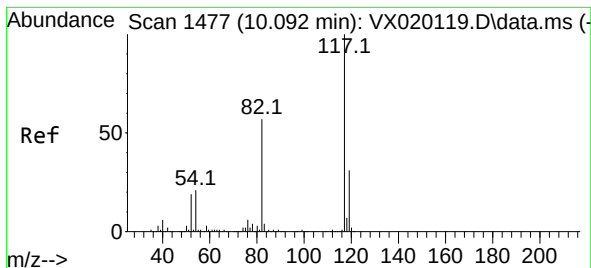
Tgt Ion: 43 Resp: 368003
Ion Ratio Lower Upper
43 100
58 20.5 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 46.81 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

Tgt Ion: 95 Resp: 200781
Ion Ratio Lower Upper
95 100
174 78.4 0.0 154.6
176 73.4 0.0 155.8

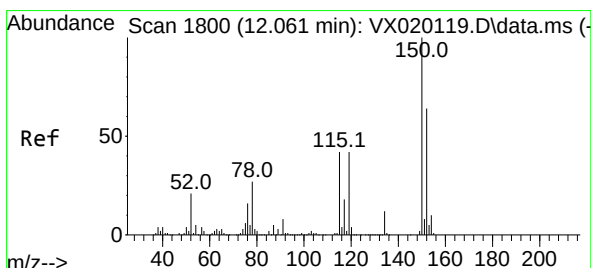
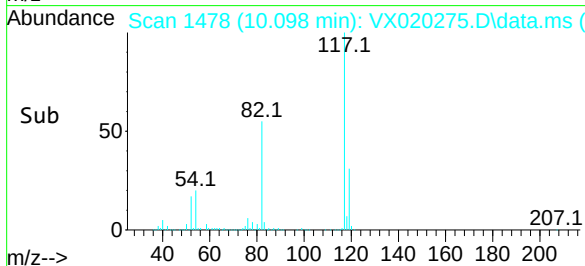
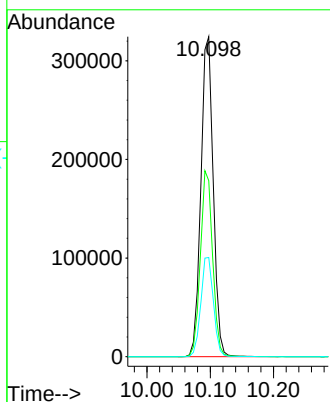
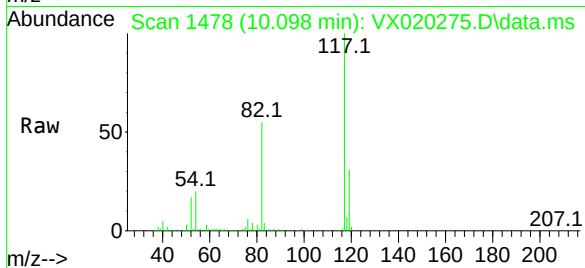




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

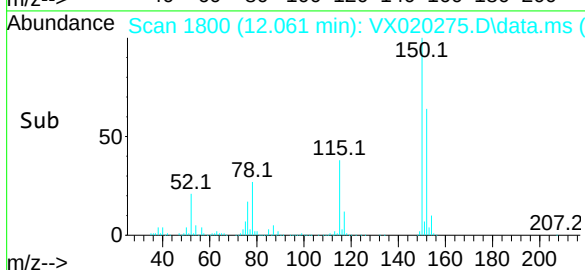
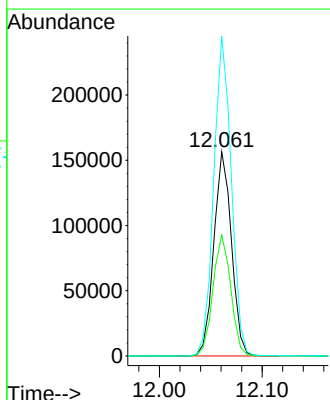
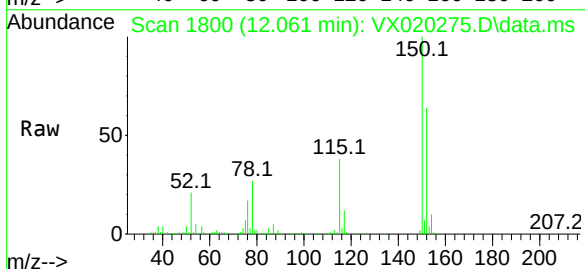
Instrument :
MSVOA_X
ClientSampleId :

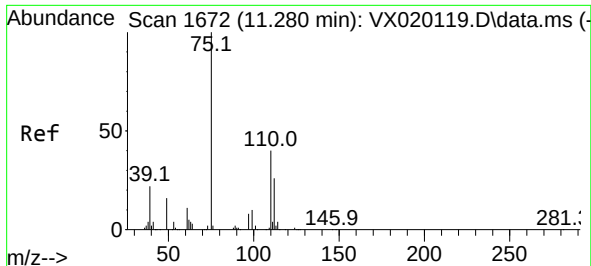
Tgt Ion:117 Resp: 441110
Ion Ratio Lower Upper
117 100
82 55.0 47.4 71.2
119 31.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

Tgt Ion:152 Resp: 186677
Ion Ratio Lower Upper
152 100
115 59.6 41.1 123.3
150 155.9 0.0 349.0

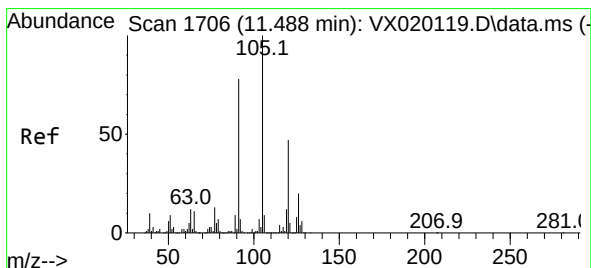
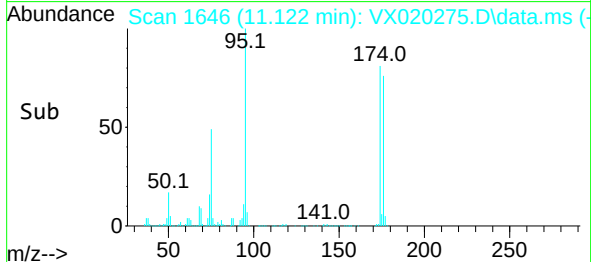
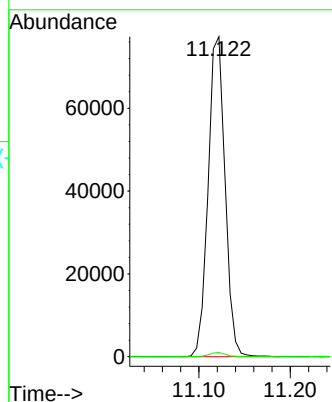
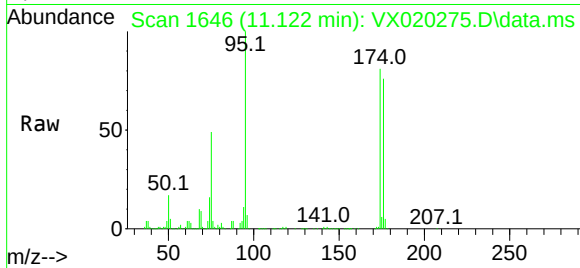




#76
1,2,3-Trichloropropane
Concen: 21.56 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

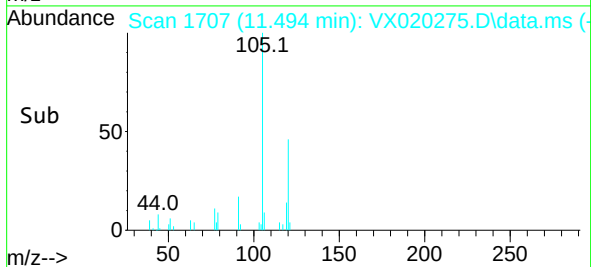
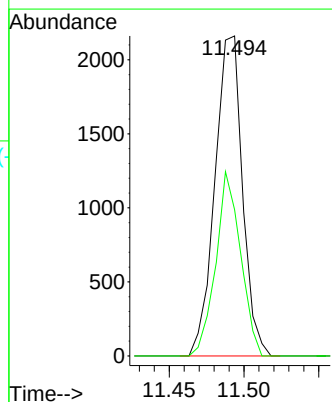
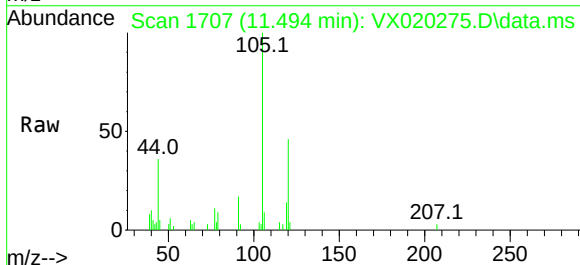
Instrument :
MSVOA_X
ClientSampled :

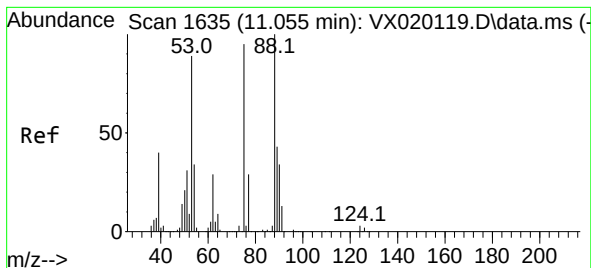
Tgt Ion: 75 Resp: 99136
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.24 ug/l
RT: 11.494 min Scan# 1707
Delta R.T. 0.006 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

Tgt Ion: 105 Resp: 2773
Ion Ratio Lower Upper
105 100
120 51.6 23.8 71.5

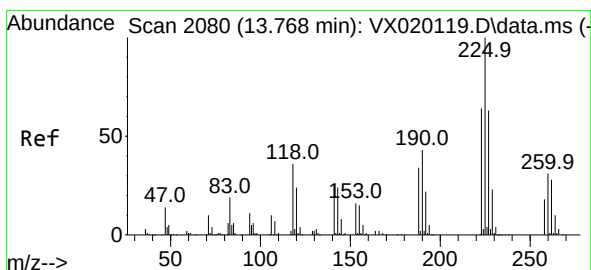
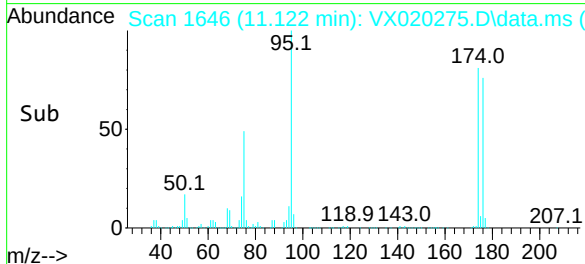
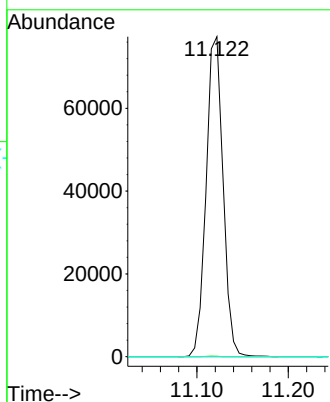
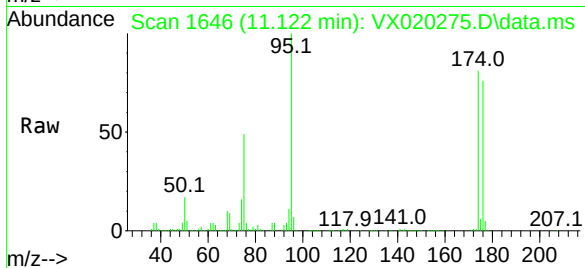




#81
trans-1,4-Dichloro-2-butene
Concen: 63.96 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 99136
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 2.67 ug/l
RT: 13.768 min Scan# 2080
Delta R.T. -0.000 min
Lab File: VX020275.D
Acq: 22 Dec 2020 01:46

Tgt Ion: 225 Resp: 46
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.2#
227 0.0 31.6 95.0#

