

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012621\
 Data File : VX020755.D
 Acq On : 26 Jan 2021 15:54
 Operator : JC/SP
 Sample : M1189-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 27 00:56:23 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

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

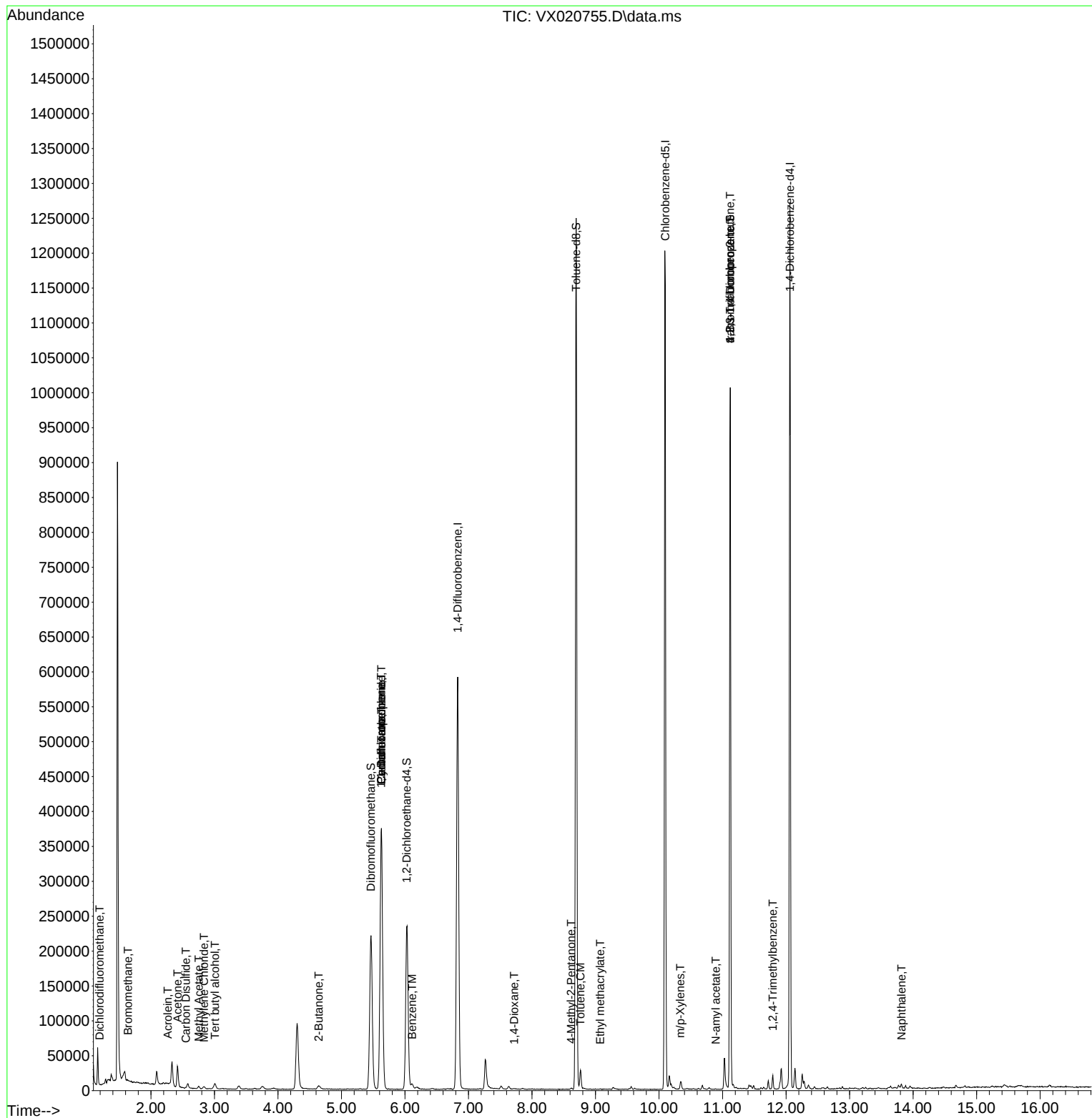
Internal Standards						
1) Pentafluorobenzene	5.629	168	347799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	599463	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	565098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	254489	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	228704	48.21	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.42%		
35) Dibromofluoromethane	5.464	113	195673	47.65	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.30%		
50) Toluene-d8	8.695	98	739449	49.12	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.24%		
62) 4-Bromofluorobenzene	11.122	95	275802	47.18	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.36%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.191	85	100	1.22	ug/l #	42
5) Bromomethane	1.636	94	701	0.30	ug/l #	62
11) Tert butyl alcohol	3.007	59	7958	8.99	ug/l	97
13) Acrolein	2.264	56	243	0.36	ug/l #	15
16) Acetone	2.416	43	31680	17.61	ug/l	92
17) Carbon Disulfide	2.550	76	1083	1.00	ug/l #	58
18) Methyl Acetate	2.751	43	4246	0.92	ug/l	91
20) Methylene Chloride	2.837	84	1392	0.31	ug/l	91
25) 2-Butanone	4.641	43	6257	2.22	ug/l	94
31) Cyclohexane	5.629	56	6883	1.08	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	27552	4.58	ug/l #	48
38) Carbon Tetrachloride	5.629	117	36272	5.73	ug/l #	17
40) Benzene	6.111	78	8055	0.45	ug/l	98
49) 1,4-Dioxane	7.720	88	515	4.78	ug/l #	89
51) 4-Methyl-2-Pentanone	8.616	43	1155	0.20	ug/l	95
52) Toluene	8.762	92	9809	0.88	ug/l	96
56) Ethyl methacrylate	9.073	69	24	2.79	ug/l #	1
68) m/p-Xylenes	10.335	106	1870	0.24	ug/l	92
74) N-amyl acetate	10.896	43	252	2.05	ug/l #	32
76) 1,2,3-Trichloropropane	11.122	75	134686	22.82	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	134686	63.94	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.792	105	8170	0.52	ug/l	96
95) Naphthalene	13.816	128	3682	3.05	ug/l	96

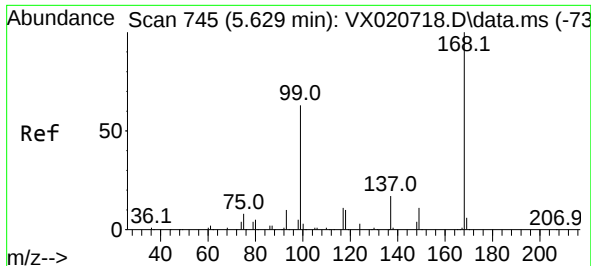
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
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ClientSampleId :

Quant Time: Jan 27 00:56:23 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:38:15 2021
Response via : Initial Calibration

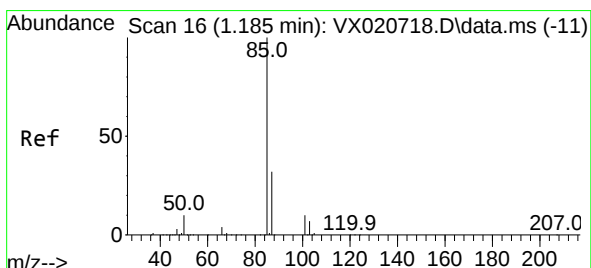
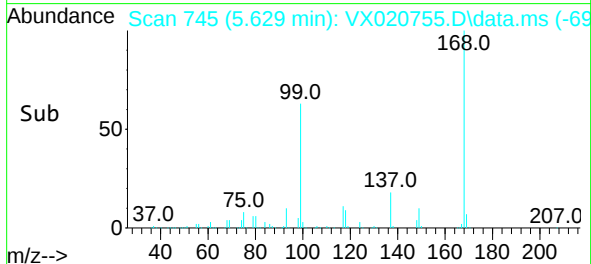
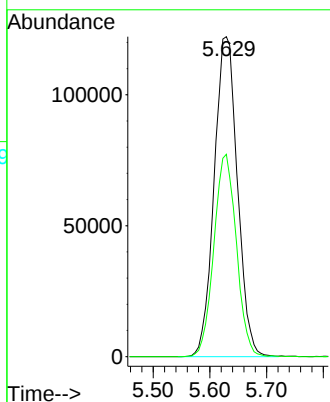
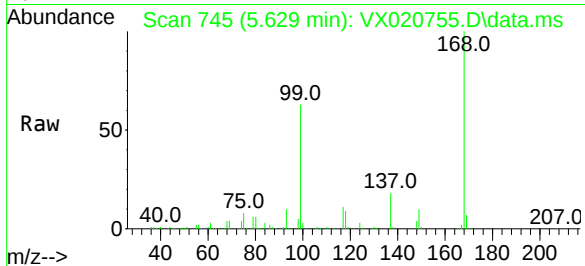




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020755.D
Acq: 26 Jan 2021 15:54

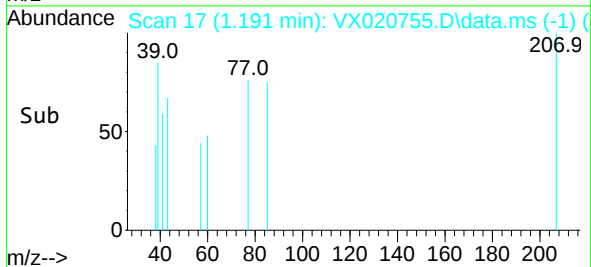
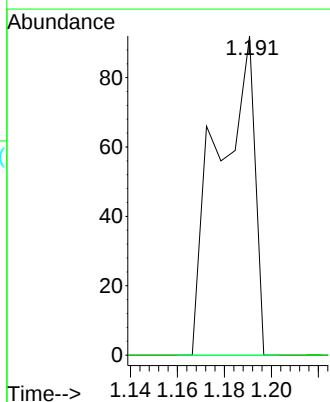
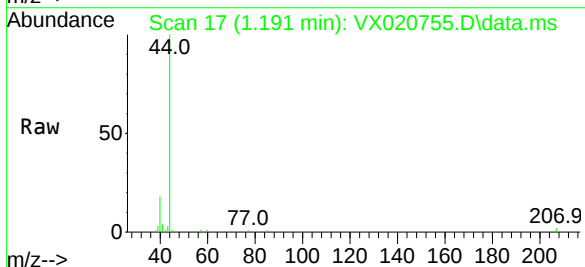
Instrument :
MSVOA_X
ClientSampleId :

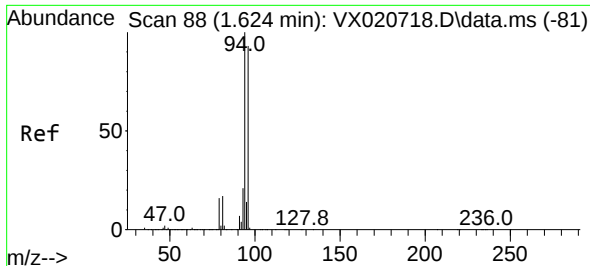
Tgt Ion:168 Resp: 347799
Ion Ratio Lower Upper
168 100
99 63.2 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 1.22 ug/l
RT: 1.191 min Scan# 17
Delta R.T. 0.006 min
Lab File: VX020755.D
Acq: 26 Jan 2021 15:54

Tgt Ion: 85 Resp: 100
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#

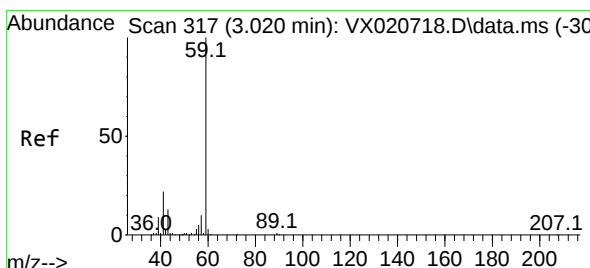
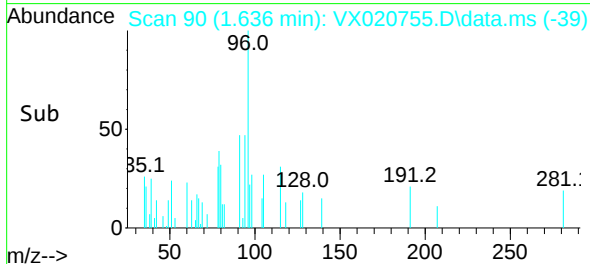
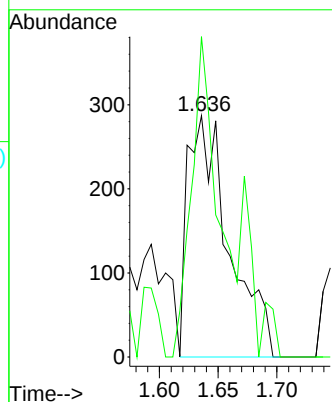
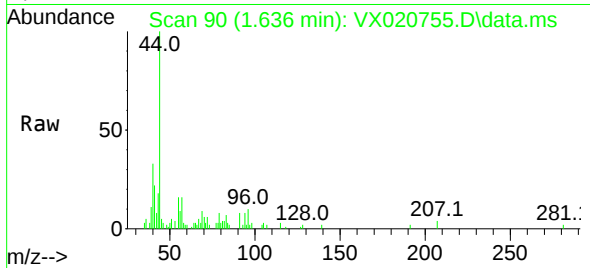




#5
Bromomethane
Concen: 0.30 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020755.D
Acq: 26 Jan 2021 15:54

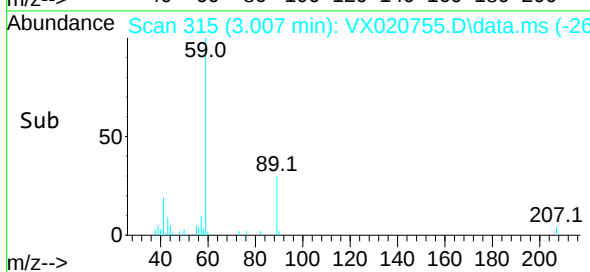
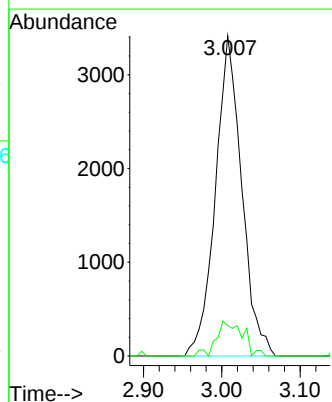
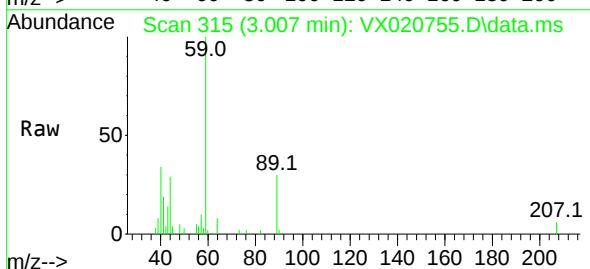
Instrument :
MSVOA_X
ClientSampleId :

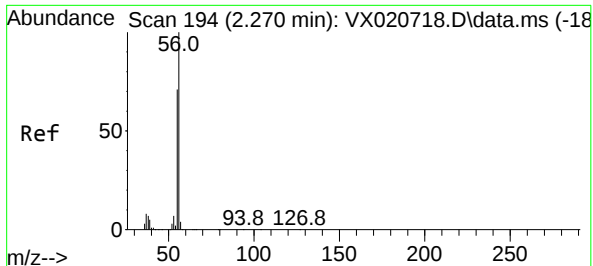
Tgt Ion: 94 Resp: 701
Ion Ratio Lower Upper
94 100
96 132.8 76.4 114.6#



#11
Tert butyl alcohol
Concen: 8.99 ug/l
RT: 3.007 min Scan# 315
Delta R.T. -0.013 min
Lab File: VX020755.D
Acq: 26 Jan 2021 15:54

Tgt Ion: 59 Resp: 7958
Ion Ratio Lower Upper
59 100
57 11.0 7.8 11.8

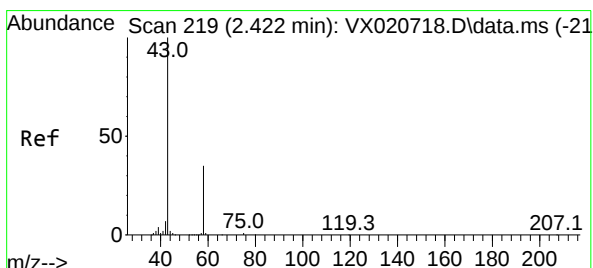
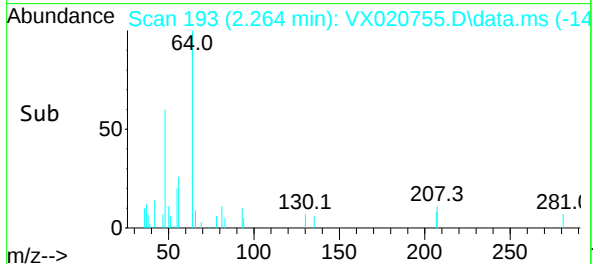
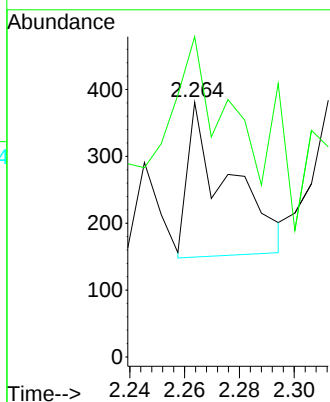
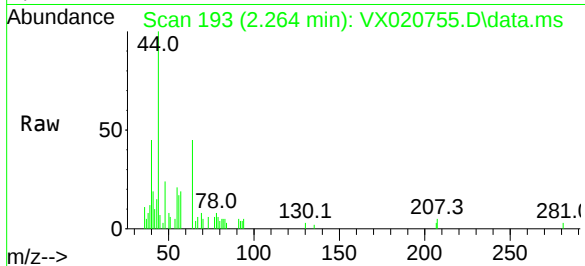




#13
Acrolein
Concen: 0.36 ug/l
RT: 2.264 min Scan# 193
Delta R.T. -0.006 min
Lab File: VX020755.D
Acq: 26 Jan 2021 15:54

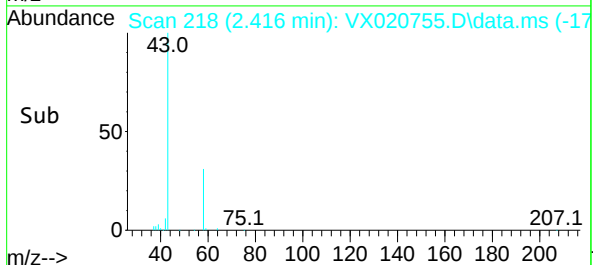
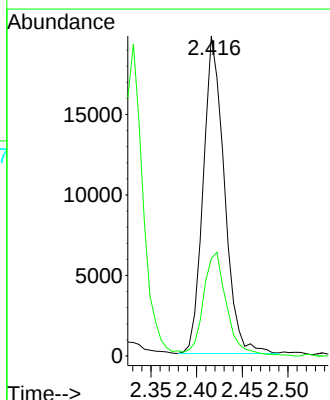
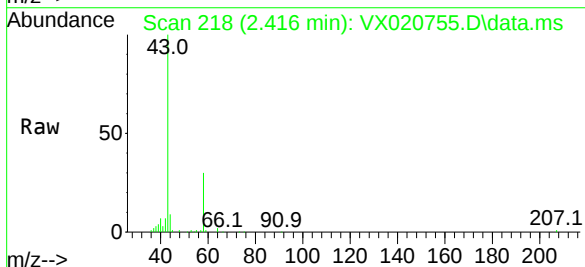
Instrument :
MSVOA_X
ClientSampled :

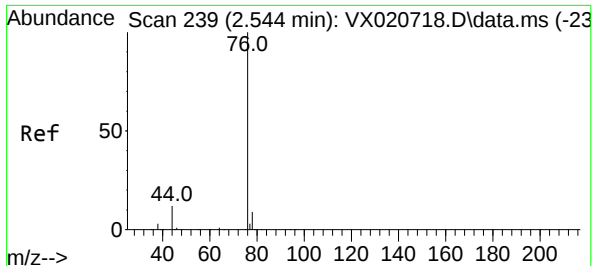
Tgt Ion: 56 Resp: 243
Ion Ratio Lower Upper
56 100
55 140.3 56.4 84.6#



#16
Acetone
Concen: 17.61 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020755.D
Acq: 26 Jan 2021 15:54

Tgt Ion: 43 Resp: 31680
Ion Ratio Lower Upper
43 100
58 30.2 27.8 41.8

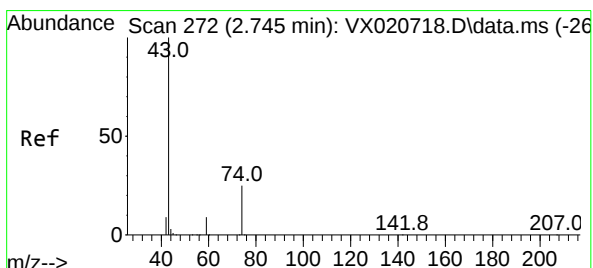
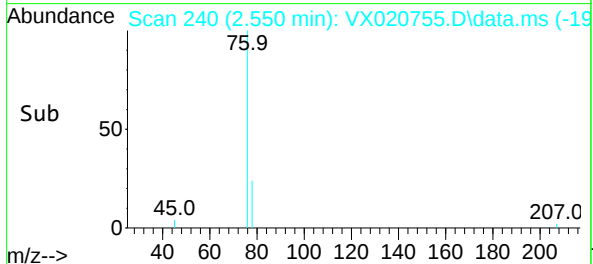
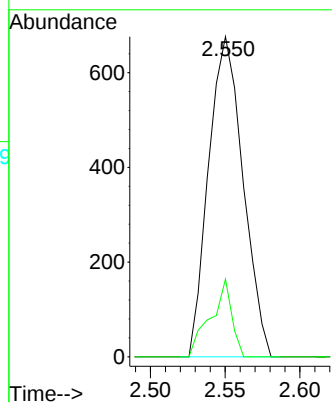
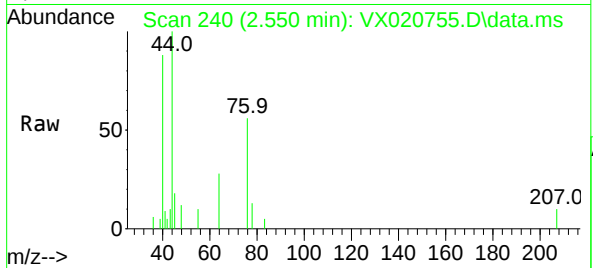




#17
Carbon Disulfide
Concen: 1.00 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020755.D
Acq: 26 Jan 2021 15:54

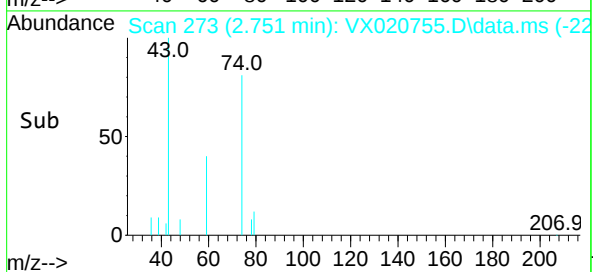
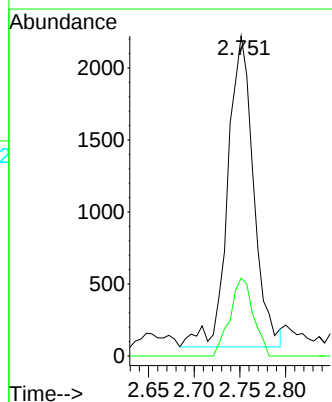
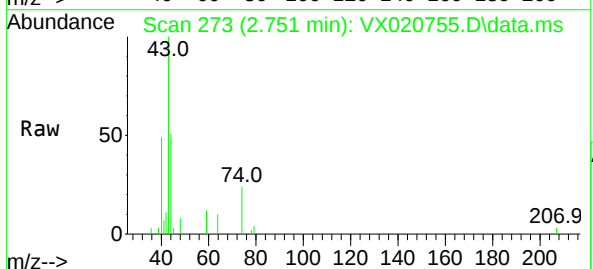
Instrument :
MSVOA_X
ClientSampled :

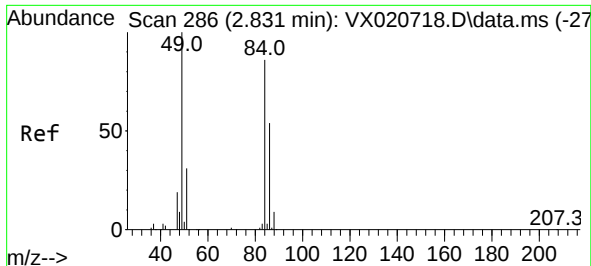
Tgt Ion: 76 Resp: 1083
Ion Ratio Lower Upper
76 100
78 24.3 7.2 10.8#



#18
Methyl Acetate
Concen: 0.92 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020755.D
Acq: 26 Jan 2021 15:54

Tgt Ion: 43 Resp: 4246
Ion Ratio Lower Upper
43 100
74 22.5 21.9 32.9





#20

Methylene Chloride

Concen: 0.31 ug/l

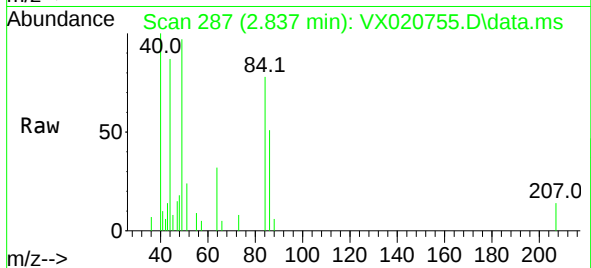
RT: 2.837 min Scan# 287

Delta R.T. 0.006 min

Lab File: VX020755.D

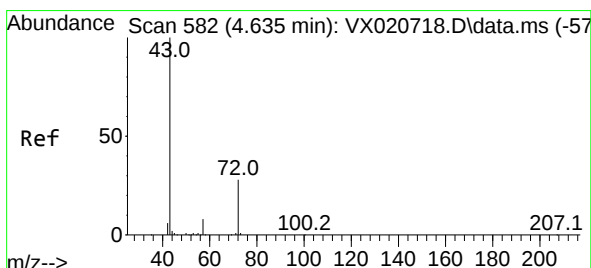
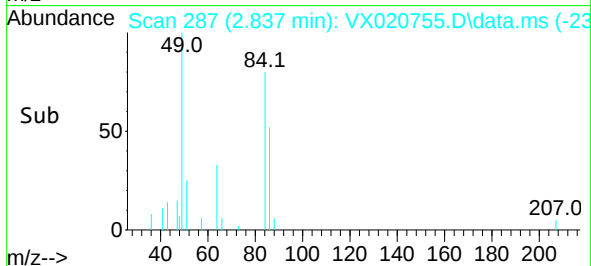
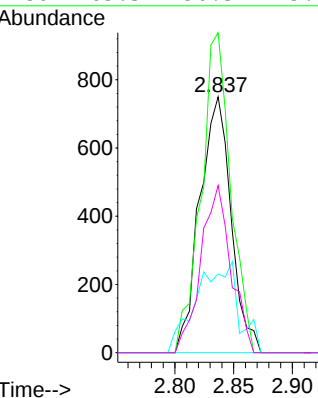
Acq: 26 Jan 2021 15:54

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1392

Ion	Ratio	Lower	Upper
84	100		
49	125.1	88.6	132.8
51	30.8	27.0	40.6
86	65.3	50.3	75.5



#25

2-Butanone

Concen: 2.22 ug/l

RT: 4.641 min Scan# 583

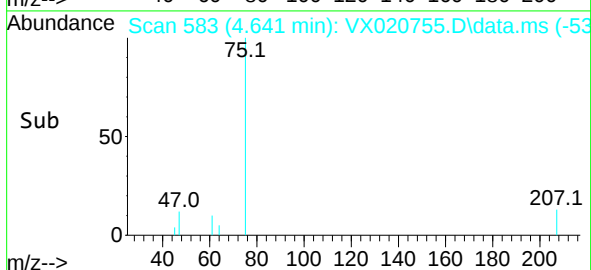
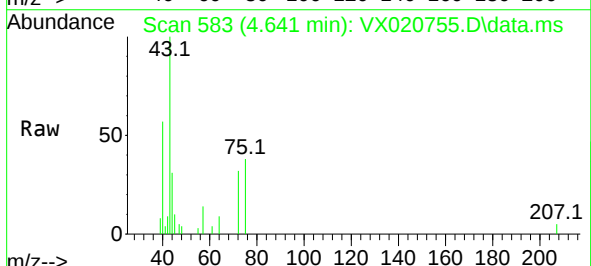
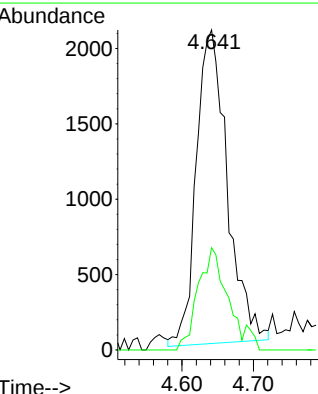
Delta R.T. 0.006 min

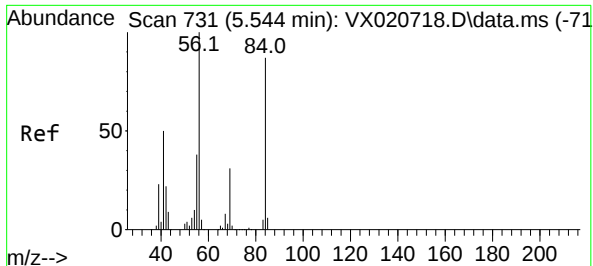
Lab File: VX020755.D

Acq: 26 Jan 2021 15:54

Tgt Ion: 43 Resp: 6257

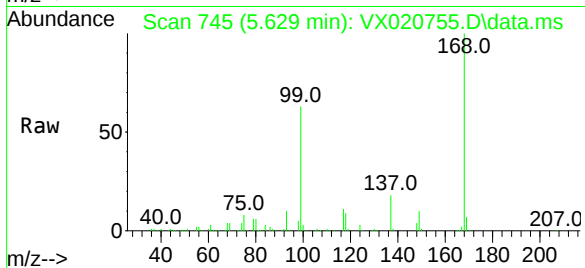
Ion	Ratio	Lower	Upper
43	100		
72	33.0	23.7	35.5



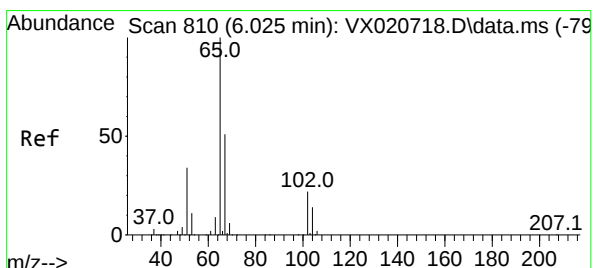
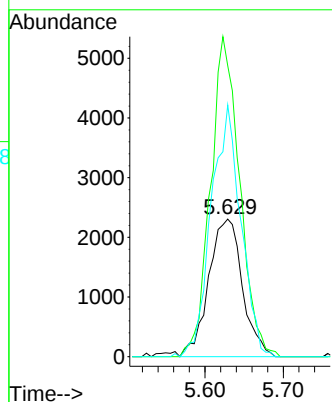
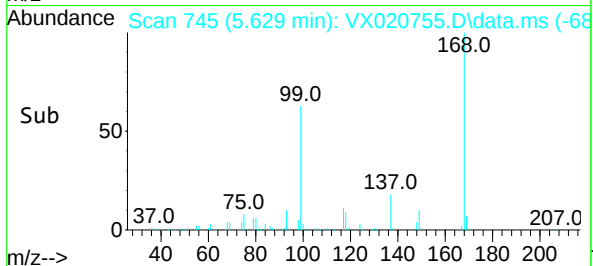


#31
Cyclohexane
Concen: 1.08 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.085 min
Lab File: VX020755.D
Acq: 26 Jan 2021 15:54

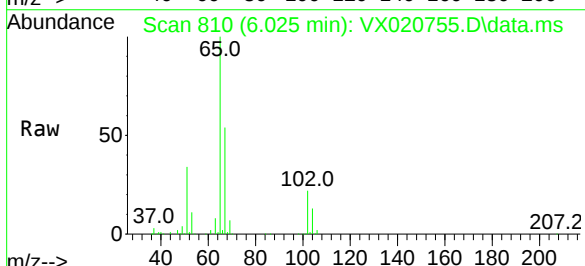
Instrument :
MSVOA_X
ClientSampled :



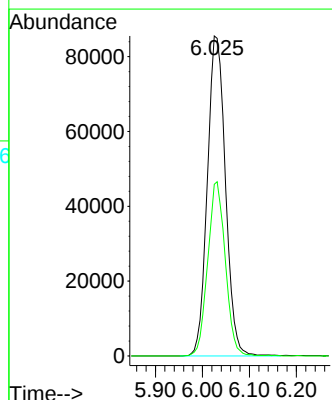
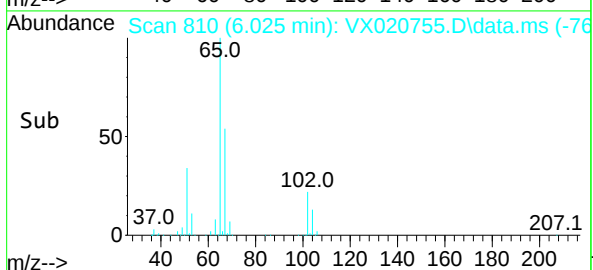
Tgt Ion: 56 Resp: 6883
Ion Ratio Lower Upper
56 100
69 211.5 25.3 37.9#
84 182.9 71.4 107.0#

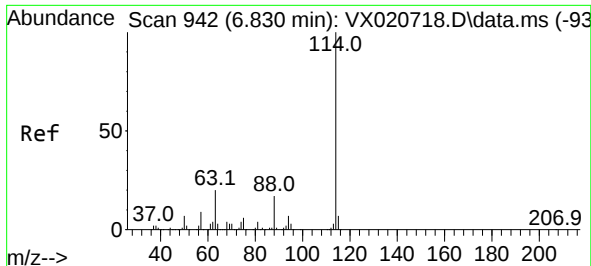


#33
1,2-Dichloroethane-d4
Concen: 48.21 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020755.D
Acq: 26 Jan 2021 15:54



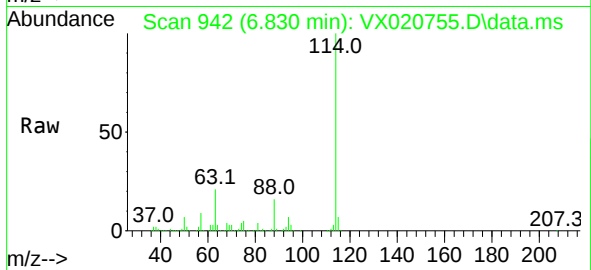
Tgt Ion: 65 Resp: 228704
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4



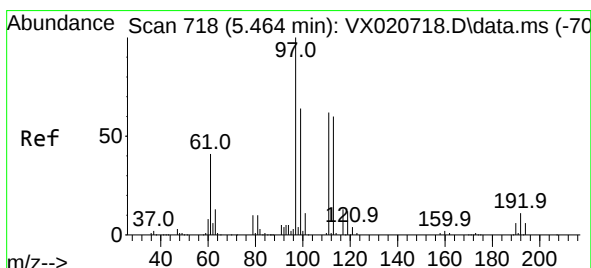
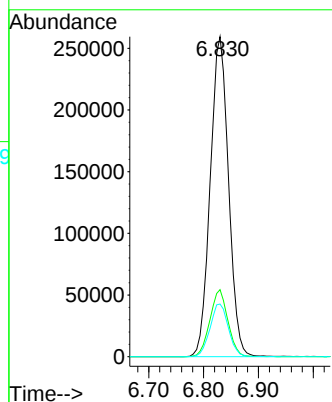
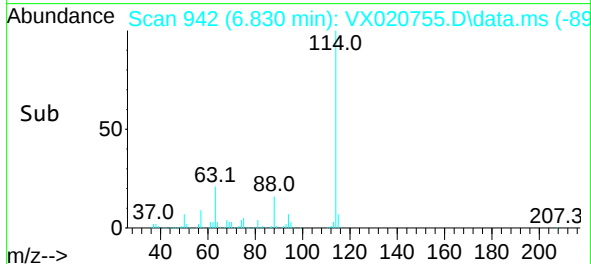


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX020755.D
Acq: 26 Jan 2021 15:54

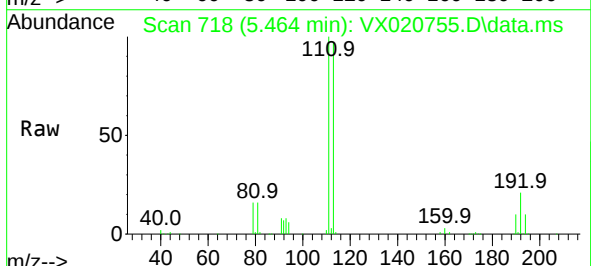
Instrument :
MSVOA_X
ClientSampleId :



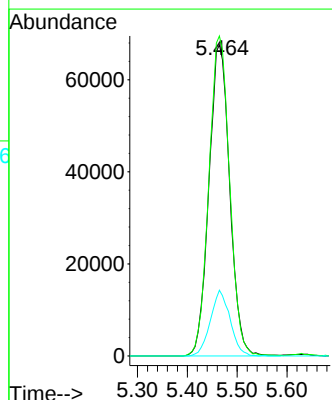
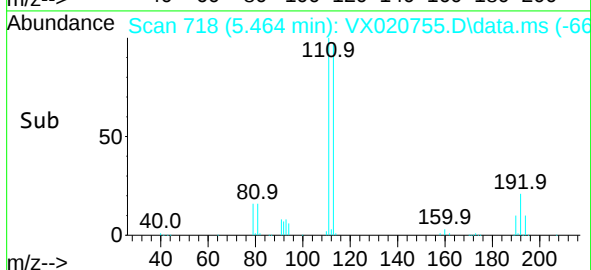
Tgt Ion:114 Resp: 599463
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 16.5 0.0 32.8

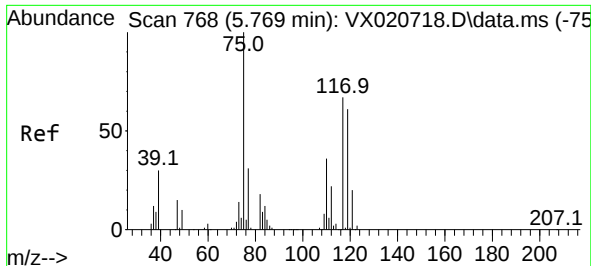


#35
Dibromofluoromethane
Concen: 47.65 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX020755.D
Acq: 26 Jan 2021 15:54



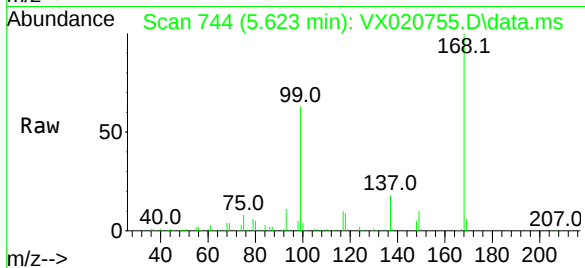
Tgt Ion:113 Resp: 195673
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 20.0 16.7 25.1



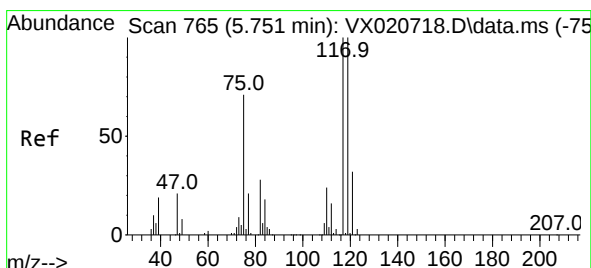
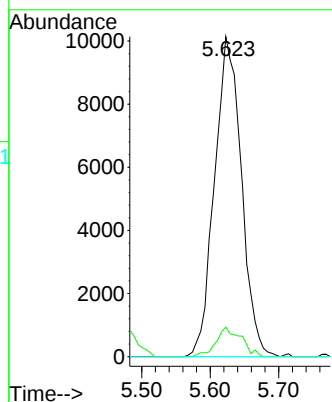
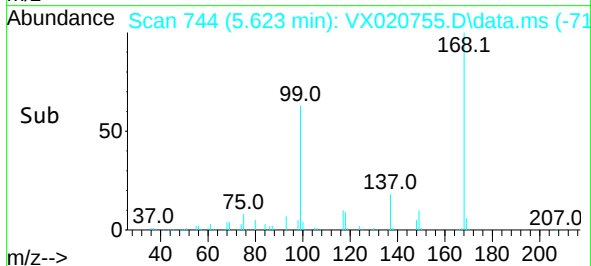


#36
1,1-Dichloropropene
Concen: 4.58 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020755.D
Acq: 26 Jan 2021 15:54

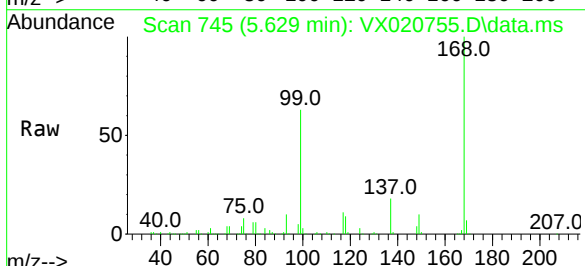
Instrument :
MSVOA_X
ClientSampled :



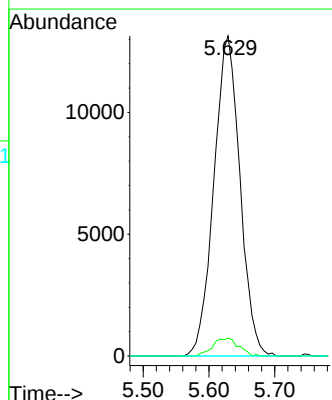
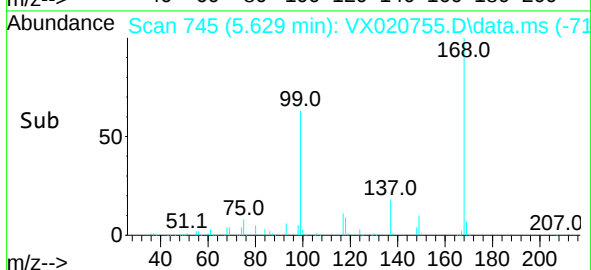
Tgt Ion: 75 Resp: 27552
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#

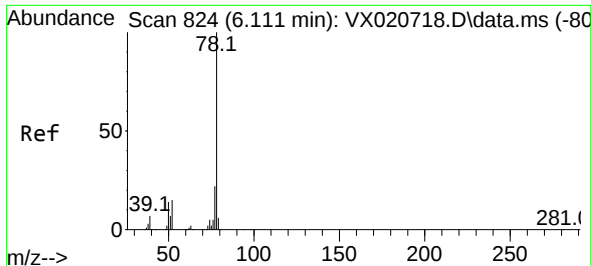


#38
Carbon Tetrachloride
Concen: 5.73 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020755.D
Acq: 26 Jan 2021 15:54



Tgt Ion: 117 Resp: 36272
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#

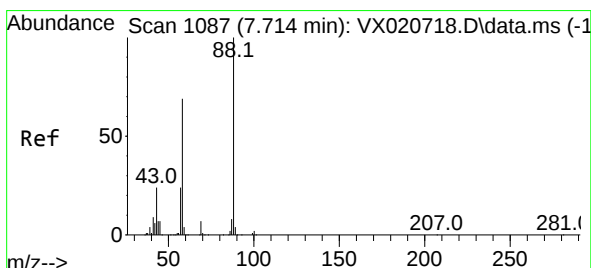
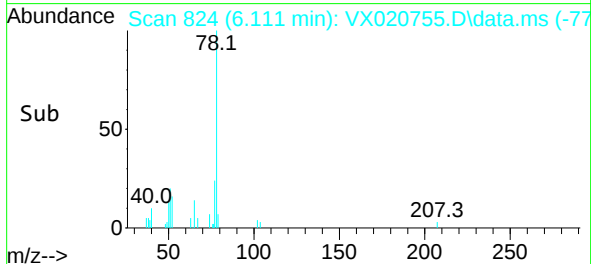
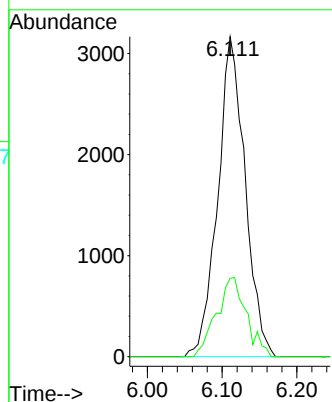
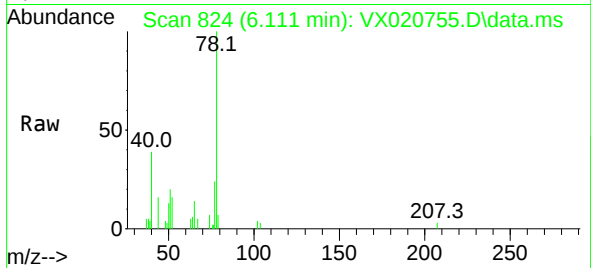




#40
Benzene
Concen: 0.45 ug/l
RT: 6.111 min Scan# 824
Delta R.T. -0.000 min
Lab File: VX020755.D
Acq: 26 Jan 2021 15:54

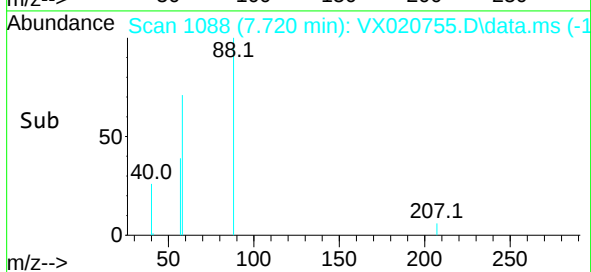
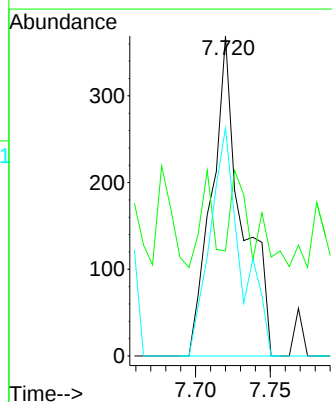
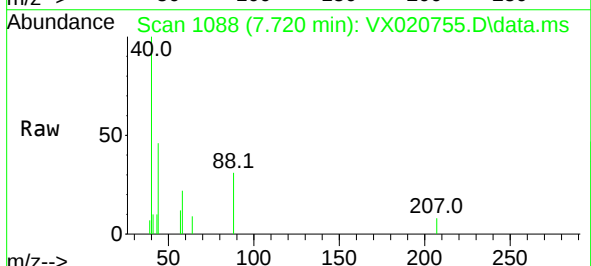
Instrument :
MSVOA_X
ClientSampled :

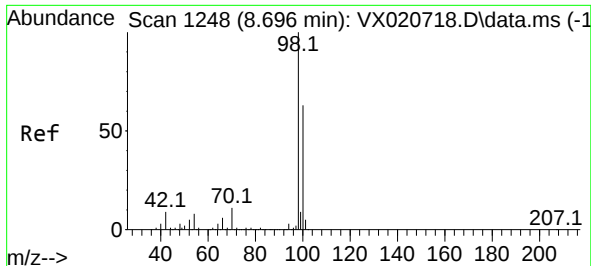
Tgt Ion: 78 Resp: 8055
Ion Ratio Lower Upper
78 100
77 24.4 18.9 28.3



#49
1,4-Dioxane
Concen: 4.78 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VX020755.D
Acq: 26 Jan 2021 15:54

Tgt Ion: 88 Resp: 515
Ion Ratio Lower Upper
88 100
43 41.9 23.2 34.8#
58 73.4 55.0 82.4

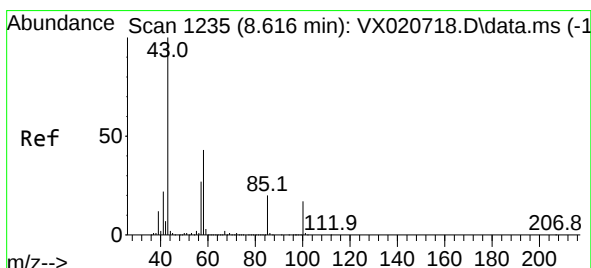
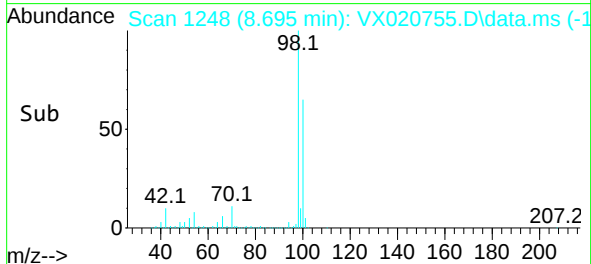
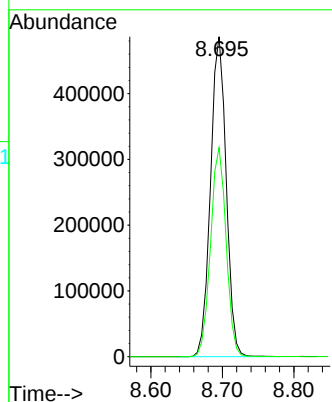
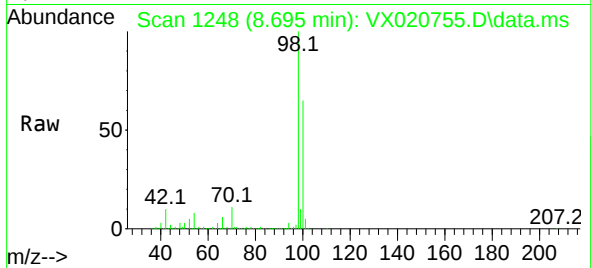




#50
Toluene-d8
Concen: 49.12 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020755.D
Acq: 26 Jan 2021 15:54

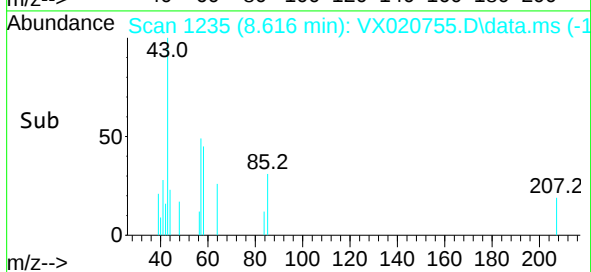
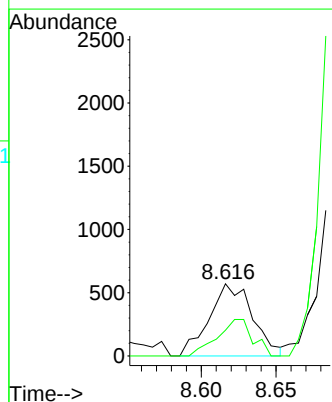
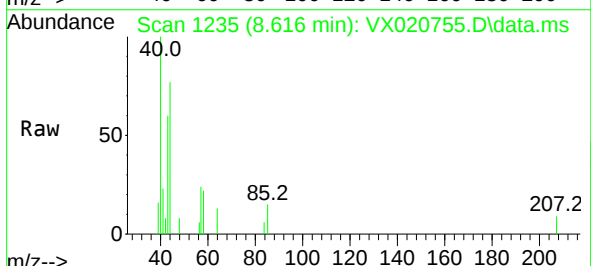
Instrument :
MSVOA_X
ClientSampled :

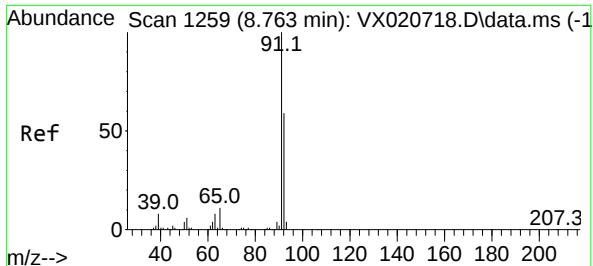
Tgt Ion: 98 Resp: 739449
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.20 ug/l
RT: 8.616 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VX020755.D
Acq: 26 Jan 2021 15:54

Tgt Ion: 43 Resp: 1155
Ion Ratio Lower Upper
43 100
58 41.0 35.4 53.0

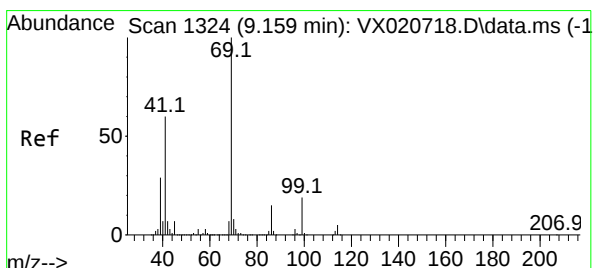
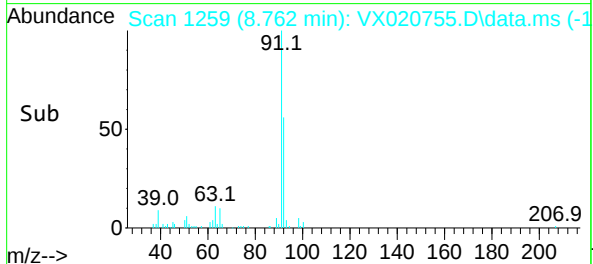
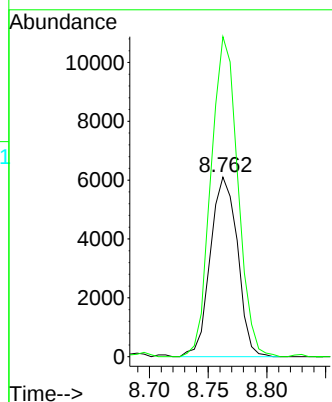
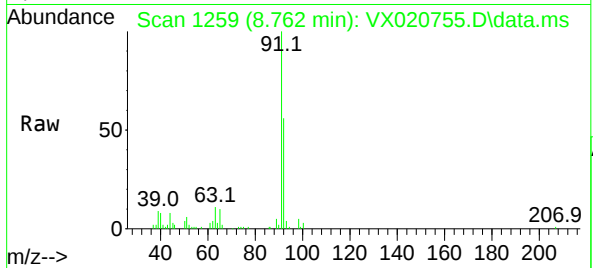




#52
Toluene
Concen: 0.88 ug/l
RT: 8.762 min Scan# 1259
Delta R.T. -0.001 min
Lab File: VX020755.D
Acq: 26 Jan 2021 15:54

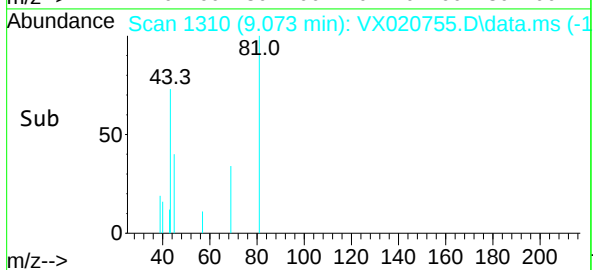
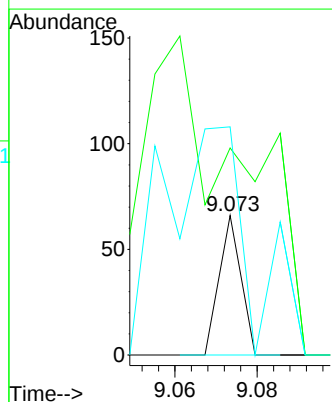
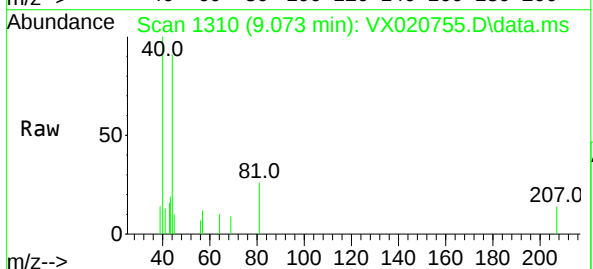
Instrument :
MSVOA_X
ClientSampled :

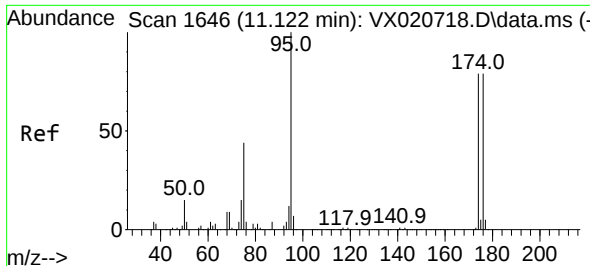
Tgt Ion: 92 Resp: 9809
Ion Ratio Lower Upper
92 100
91 176.4 137.1 205.7



#56
Ethyl methacrylate
Concen: 2.79 ug/l
RT: 9.073 min Scan# 1310
Delta R.T. -0.086 min
Lab File: VX020755.D
Acq: 26 Jan 2021 15:54

Tgt Ion: 69 Resp: 24
Ion Ratio Lower Upper
69 100
41 1062.5 46.8 70.2#
39 658.3 24.7 37.1#

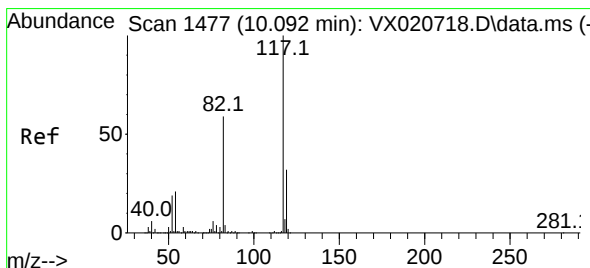
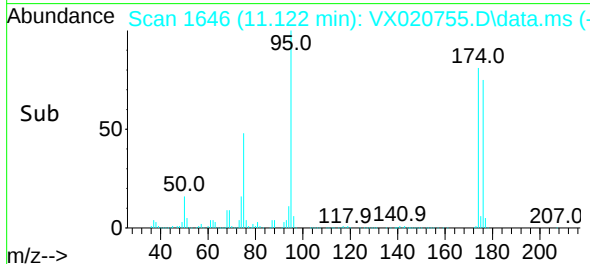
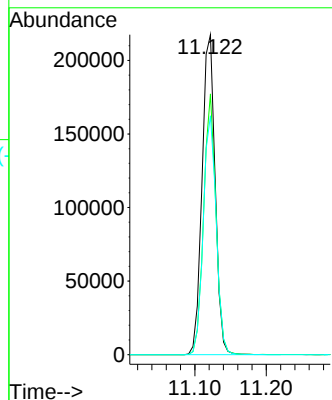
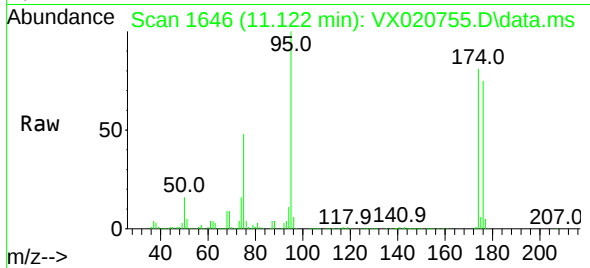




#62
4-Bromofluorobenzene
Concen: 47.18 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020755.D
Acq: 26 Jan 2021 15:54

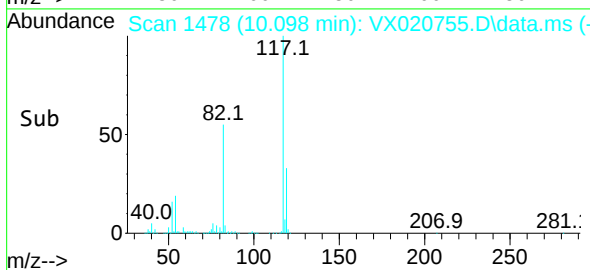
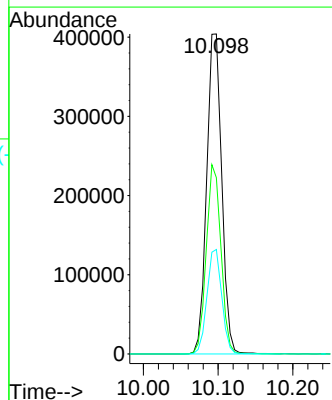
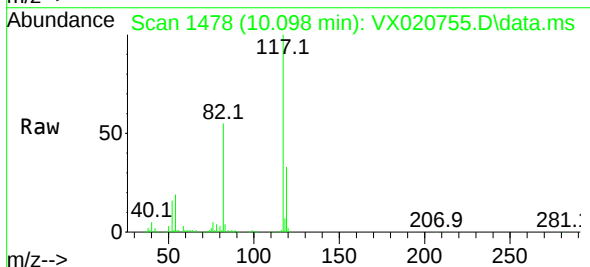
Instrument :
MSVOA_X
ClientSampleId :

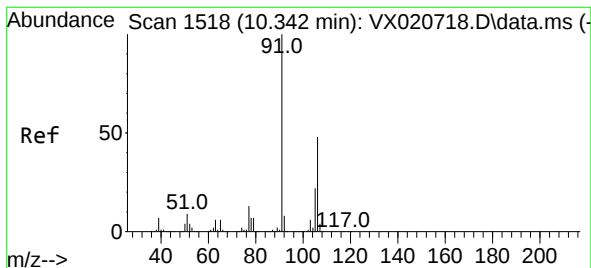
Tgt Ion: 95 Resp: 275802
Ion Ratio Lower Upper
95 100
174 76.6 0.0 154.6
176 74.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020755.D
Acq: 26 Jan 2021 15:54

Tgt Ion: 117 Resp: 565098
Ion Ratio Lower Upper
117 100
82 55.1 47.4 71.2
119 32.7 26.6 39.8

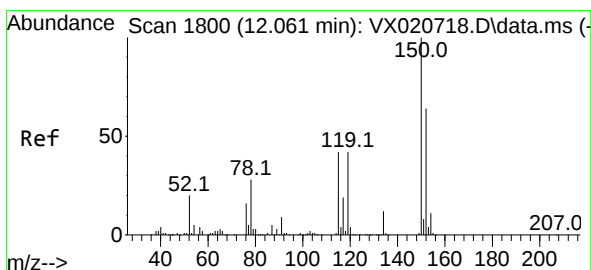
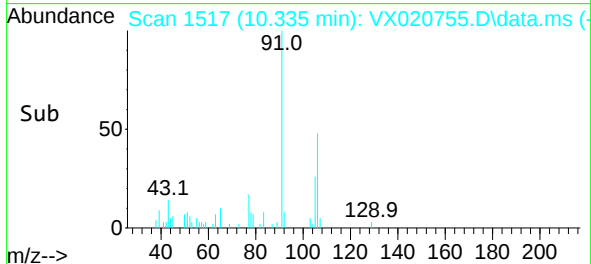
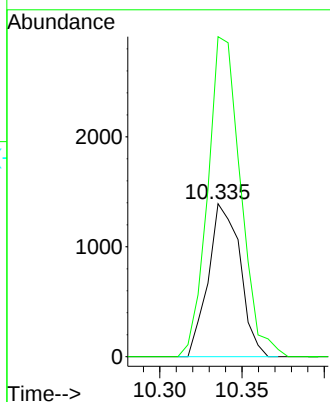
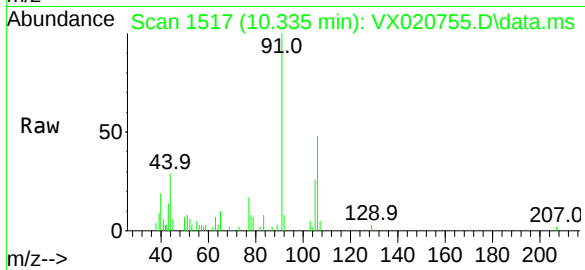




#68
m/p-Xylenes
Concen: 0.24 ug/l
RT: 10.335 min Scan# 1517
Delta R.T. -0.007 min
Lab File: VX020755.D
Acq: 26 Jan 2021 15:54

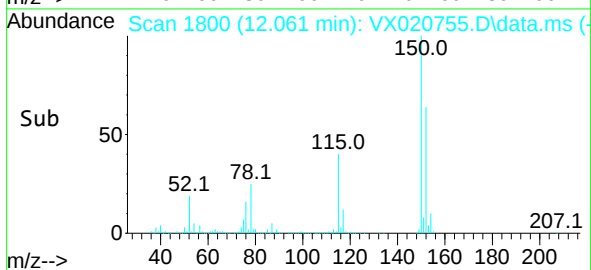
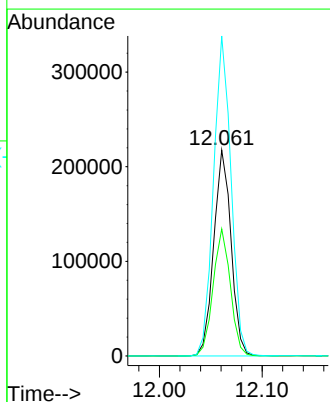
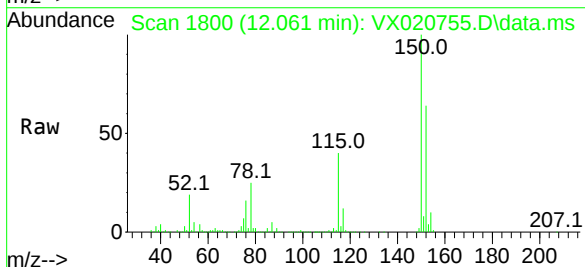
Instrument :
MSVOA_X
ClientSampleId :

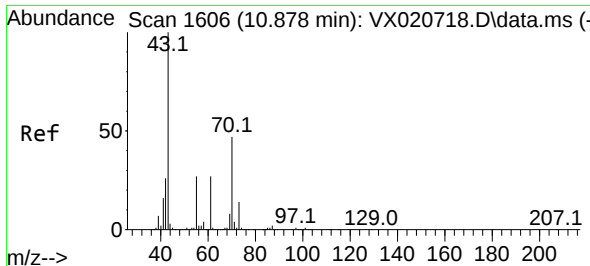
Tgt Ion:106 Resp: 1870
Ion Ratio Lower Upper
106 100
91 216.3 162.8 244.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020755.D
Acq: 26 Jan 2021 15:54

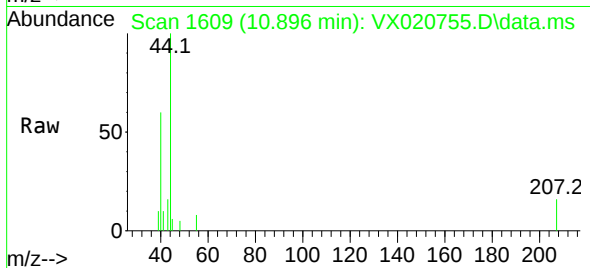
Tgt Ion:152 Resp: 254489
Ion Ratio Lower Upper
152 100
115 61.5 41.1 123.3
150 156.7 0.0 349.0



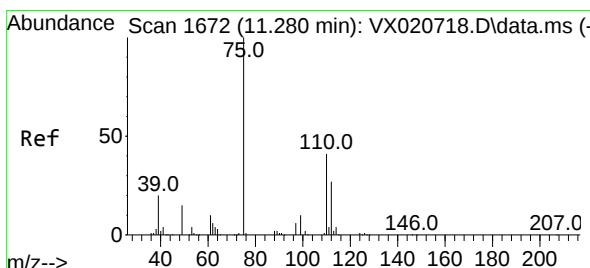
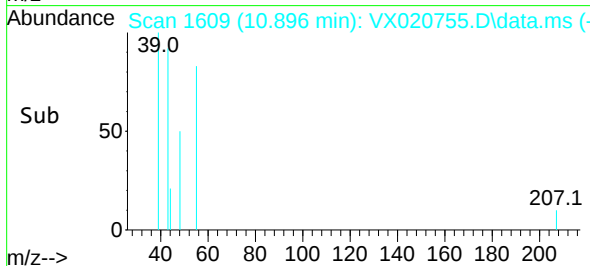
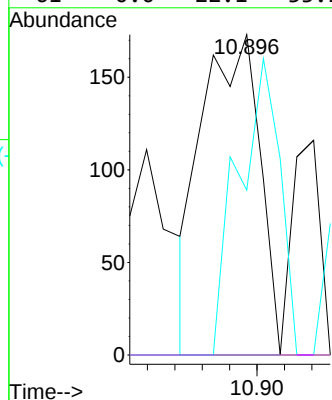


#74
N-amy1 acetate
Concen: 2.05 ug/l
RT: 10.896 min Scan# 1609
Delta R.T. 0.018 min
Lab File: VX020755.D
Acq: 26 Jan 2021 15:54

Instrument :
MSVOA_X
ClientSampled :

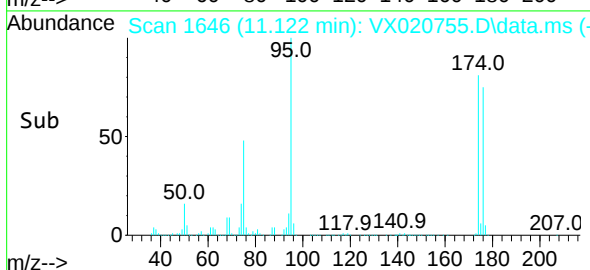
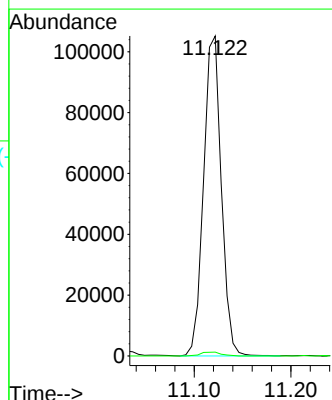
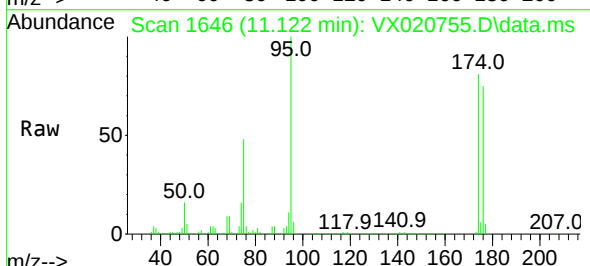


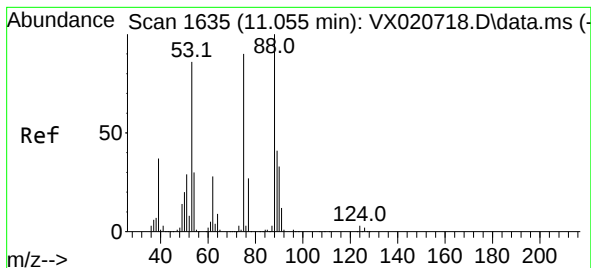
Tgt Ion: 43	Resp: 252
Ion Ratio	Lower Upper
43	100
70	0.0 39.0 58.6#
55	67.1 21.5 32.3#
61	0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 22.82 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020755.D
Acq: 26 Jan 2021 15:54

Tgt Ion: 75	Resp: 134686
Ion Ratio	Lower Upper
75	100
77	1.4 19.1 57.5#

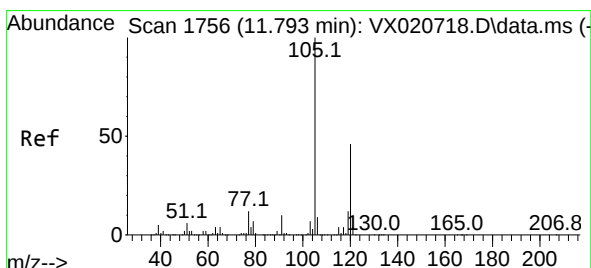
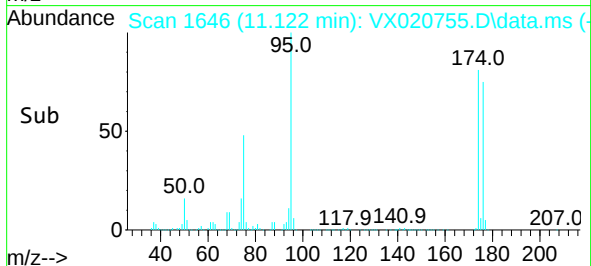
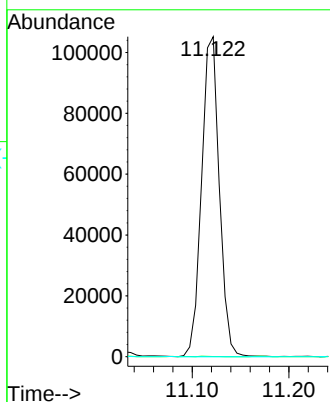
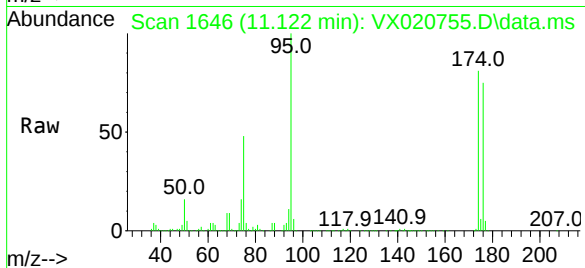




#81
trans-1,4-Dichloro-2-butene
Concen: 63.94 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020755.D
Acq: 26 Jan 2021 15:54

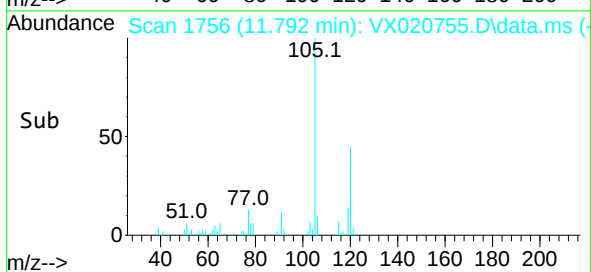
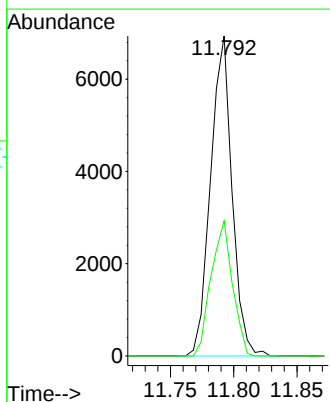
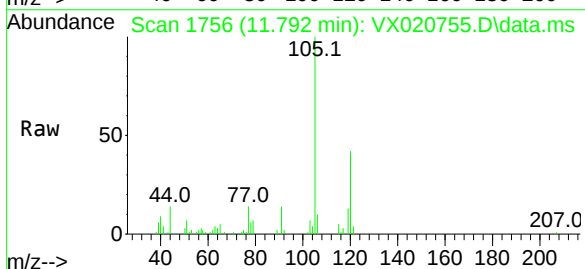
Instrument :
MSVOA_X
ClientSampleId :

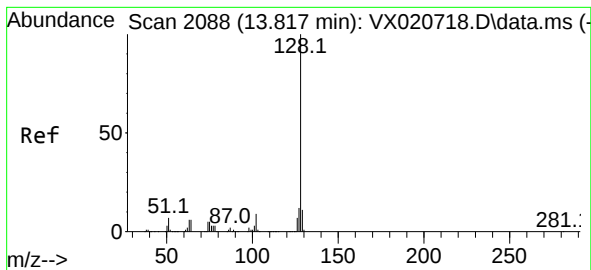
Tgt Ion: 75 Resp: 134686
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#84
1,2,4-Trimethylbenzene
Concen: 0.52 ug/l
RT: 11.792 min Scan# 1756
Delta R.T. -0.001 min
Lab File: VX020755.D
Acq: 26 Jan 2021 15:54

Tgt Ion: 105 Resp: 8170
Ion Ratio Lower Upper
105 100
120 42.1 22.4 67.3





#95
Naphthalene
Concen: 3.05 ug/l
RT: 13.816 min Scan# 2088
Delta R.T. -0.001 min
Lab File: VX020755.D
Acq: 26 Jan 2021 15:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 3682
Ion Ratio Lower Upper
128 100
127 11.7 10.3 15.5
129 13.0 8.8 13.2

