

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012621\
 Data File : VX020764.D
 Acq On : 26 Jan 2021 19:25
 Operator : JC/SP
 Sample : M1216-04 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

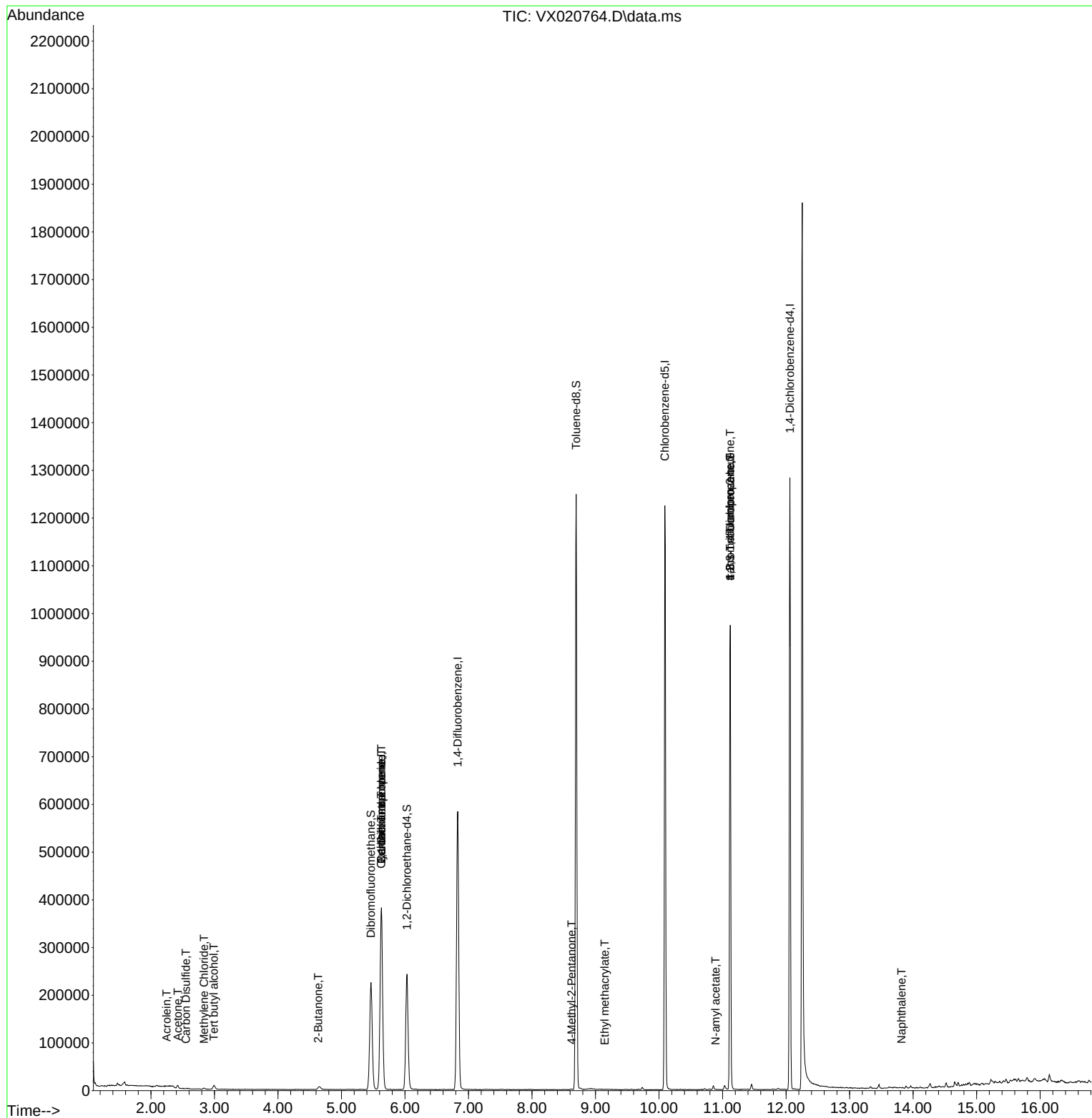
Quant Time: Jan 27 00:59:29 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

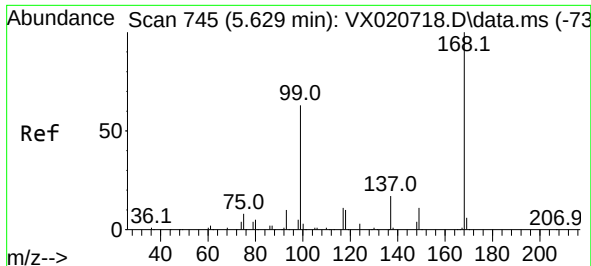
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	357799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	599897	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	574161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	269774	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	227920	46.70	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.40%		
35) Dibromofluoromethane	5.464	113	195636	47.61	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.22%		
50) Toluene-d8	8.696	98	749343	49.74	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.48%		
62) 4-Bromofluorobenzene	11.122	95	279753	47.82	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.64%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.989	59	5379	5.90	ug/l #	83
13) Acrolein	2.246	56	138	0.20	ug/l #	1
16) Acetone	2.422	43	7838	4.24	ug/l	96
17) Carbon Disulfide	2.550	76	932	0.98	ug/l #	58
20) Methylene Chloride	2.837	84	1012	0.22	ug/l #	85
25) 2-Butanone	4.635	43	2316	0.80	ug/l	99
31) Cyclohexane	5.623	56	6908	1.05	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	27873	4.63	ug/l #	49
38) Carbon Tetrachloride	5.629	117	35502	5.61	ug/l #	16
51) 4-Methyl-2-Pentanone	8.622	43	1247	0.22	ug/l #	83
56) Ethyl methacrylate	9.147	69	57	2.79	ug/l #	1
74) N-amyl acetate	10.890	43	106	2.03	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	135402	21.64	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	135402	60.64	ug/l #	12
95) Naphthalene	13.817	128	688	2.90	ug/l #	87

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

Quant Time: Jan 27 00:59:29 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

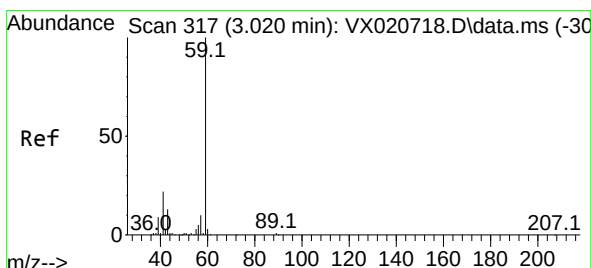
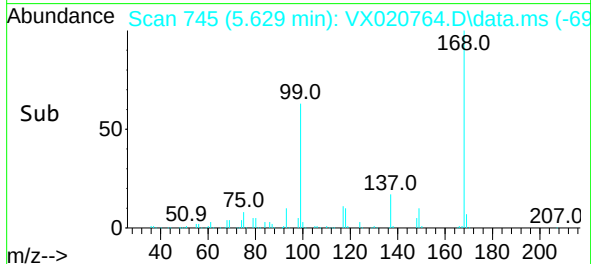
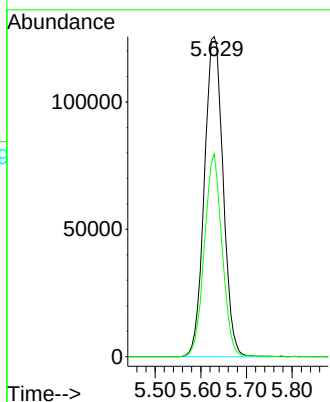
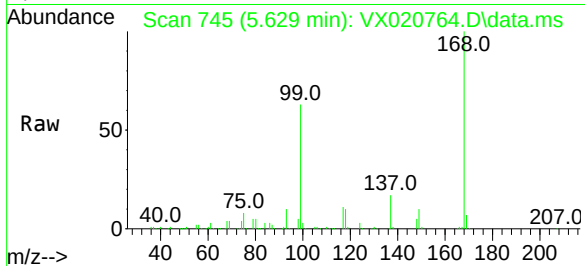




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020764.D
Acq: 26 Jan 2021 19:25

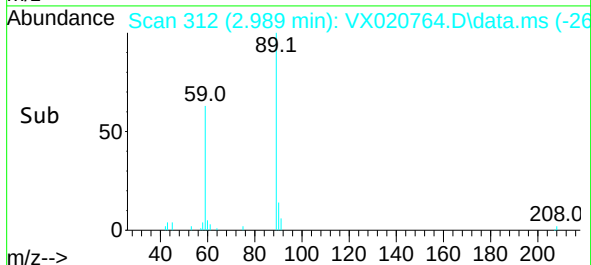
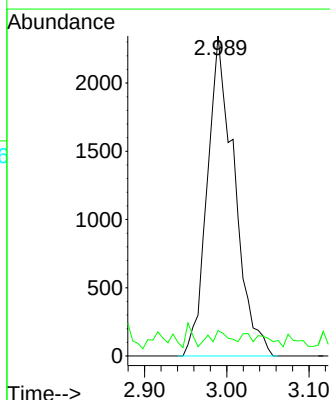
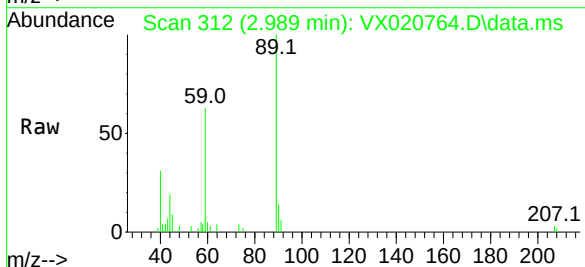
Instrument :
MSVOA_X
ClientSampled :

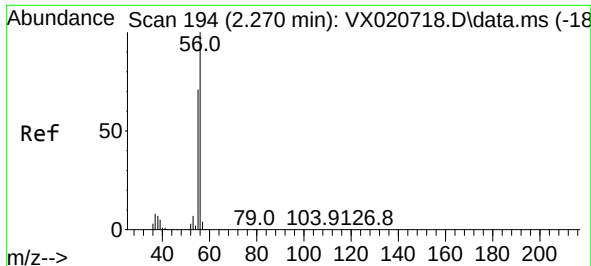
Tgt Ion:168 Resp: 357799
Ion Ratio Lower Upper
168 100
99 63.4 45.8 68.6



#11
Tert butyl alcohol
Concen: 5.90 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.031 min
Lab File: VX020764.D
Acq: 26 Jan 2021 19:25

Tgt Ion: 59 Resp: 5379
Ion Ratio Lower Upper
59 100
57 3.6 7.8 11.8#

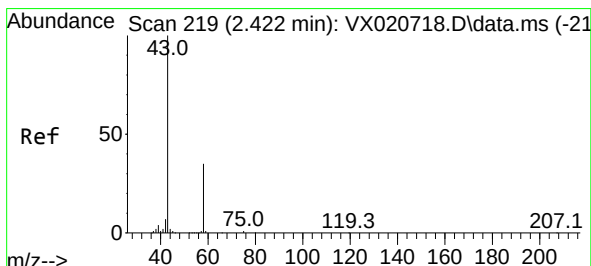
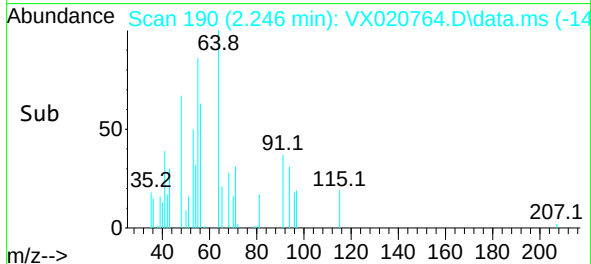
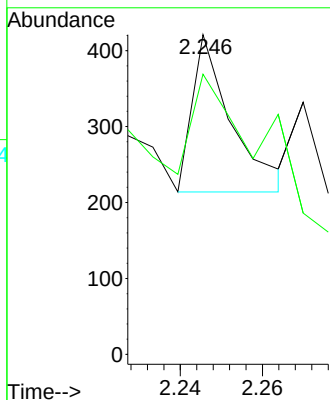
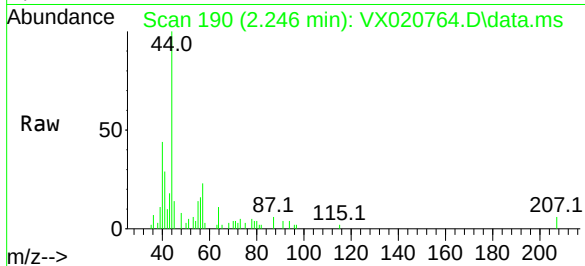




#13
Acrolein
Concen: 0.20 ug/l
RT: 2.246 min Scan# 190
Delta R.T. -0.024 min
Lab File: VX020764.D
Acq: 26 Jan 2021 19:25

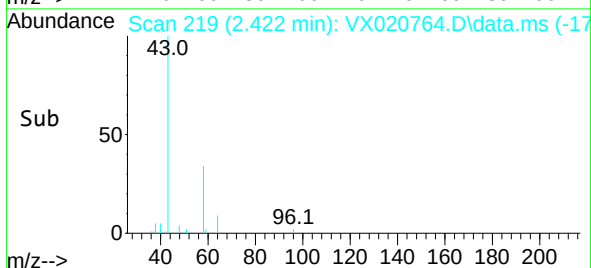
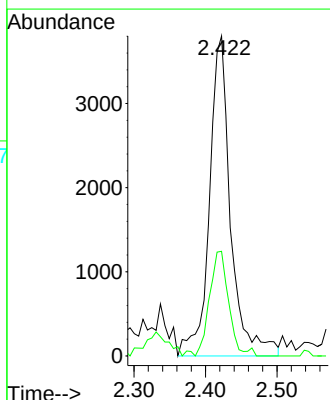
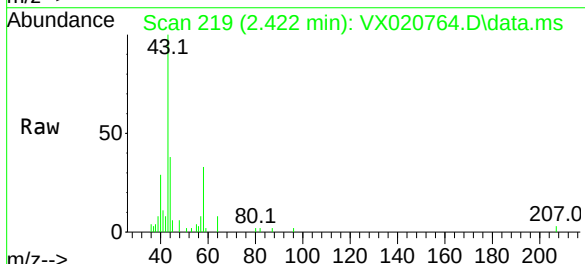
Instrument :
MSVOA_X
ClientSampled :

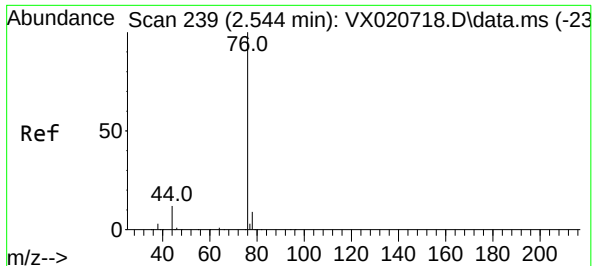
Tgt Ion: 56 Resp: 138
Ion Ratio Lower Upper
56 100
55 311.6 56.4 84.6#



#16
Acetone
Concen: 4.24 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX020764.D
Acq: 26 Jan 2021 19:25

Tgt Ion: 43 Resp: 7838
Ion Ratio Lower Upper
43 100
58 32.7 27.8 41.8

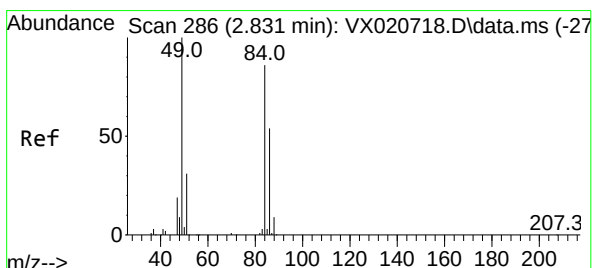
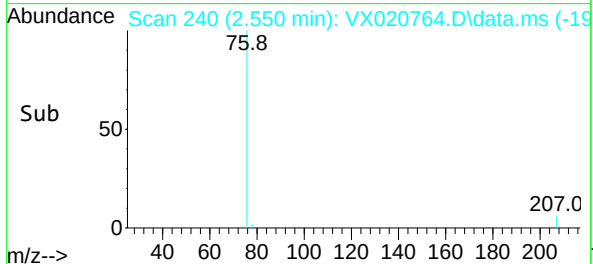
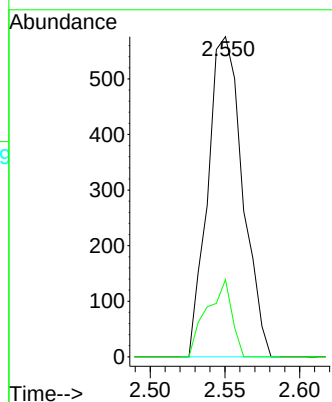
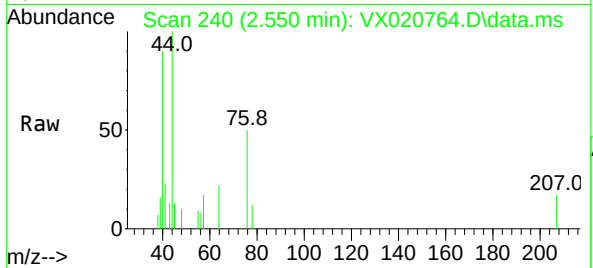




#17
Carbon Disulfide
Concen: 0.98 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020764.D
Acq: 26 Jan 2021 19:25

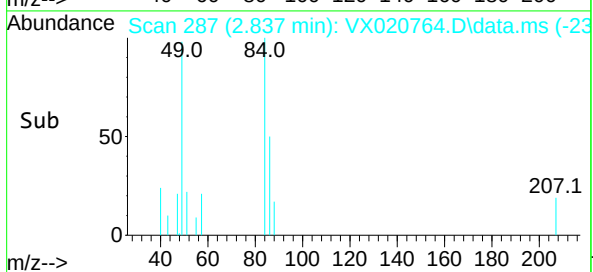
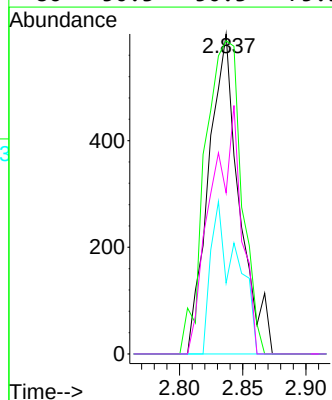
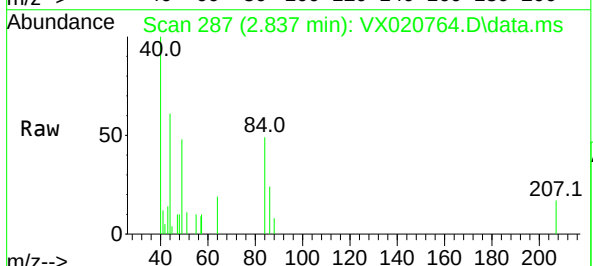
Instrument :
MSVOA_X
ClientSampled :

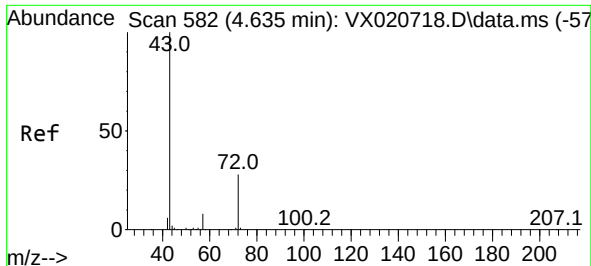
Tgt Ion: 76 Resp: 932
Ion Ratio Lower Upper
76 100
78 24.1 7.2 10.8#



#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020764.D
Acq: 26 Jan 2021 19:25

Tgt Ion: 84 Resp: 1012
Ion Ratio Lower Upper
84 100
49 97.8 88.6 132.8
51 22.2 27.0 40.6#
86 50.3 50.3 75.5

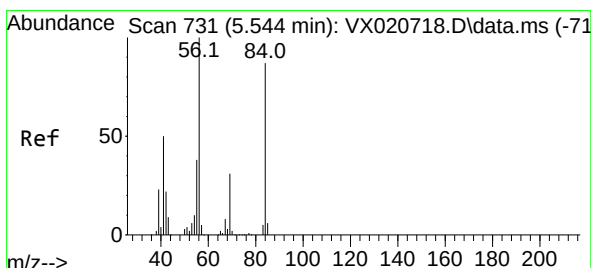
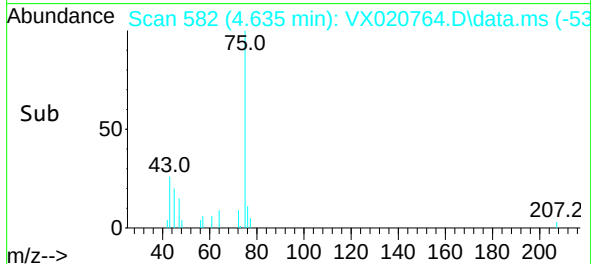
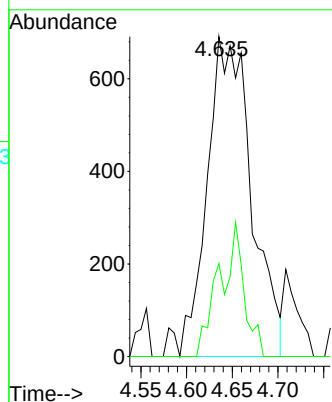
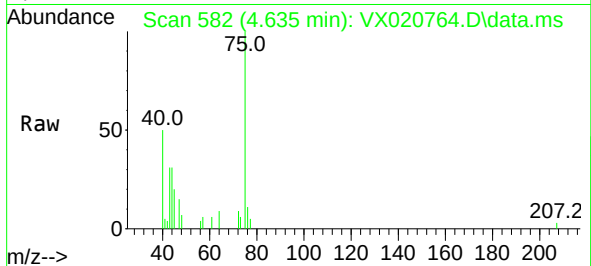




#25
2-Butanone
Concen: 0.80 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.000 min
Lab File: VX020764.D
Acq: 26 Jan 2021 19:25

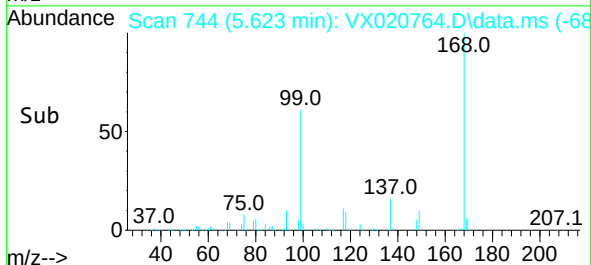
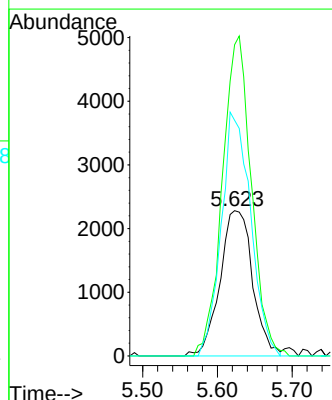
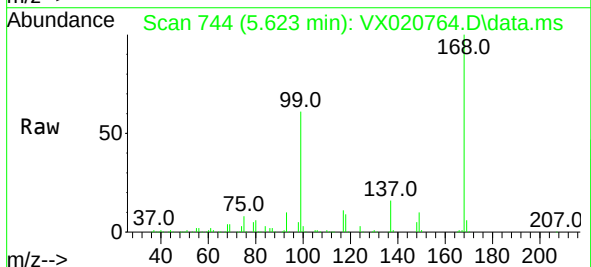
Instrument :
MSVOA_X
ClientSampled :

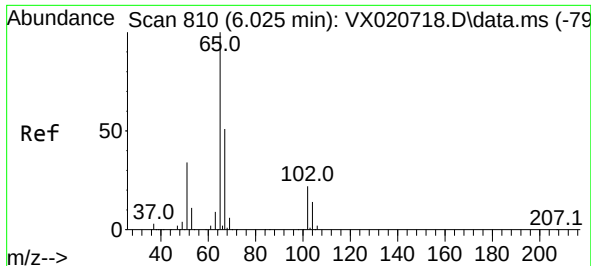
Tgt Ion: 43 Resp: 2316
Ion Ratio Lower Upper
43 100
72 29.1 23.7 35.5



#31
Cyclohexane
Concen: 1.05 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.079 min
Lab File: VX020764.D
Acq: 26 Jan 2021 19:25

Tgt Ion: 56 Resp: 6908
Ion Ratio Lower Upper
56 100
69 214.3 25.3 37.9#
84 162.3 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 46.70 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020764.D

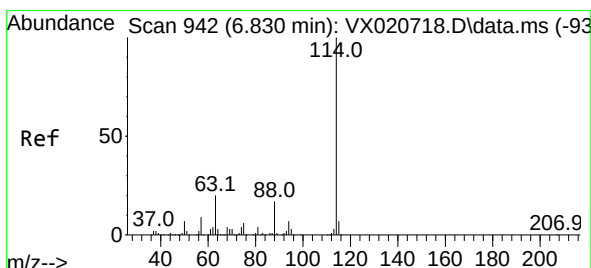
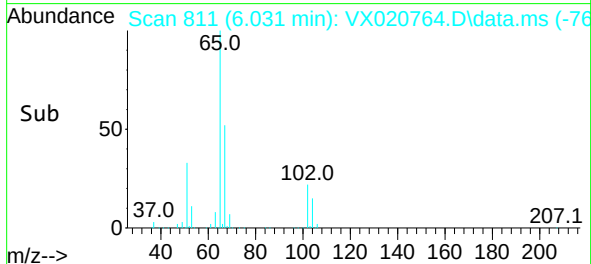
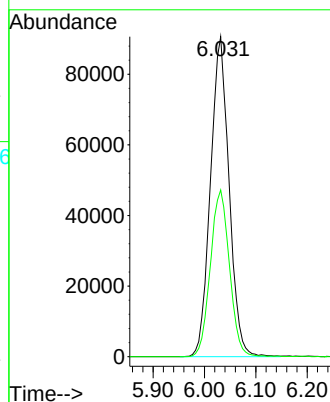
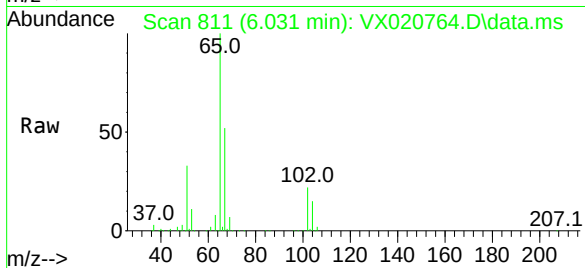
Acq: 26 Jan 2021 19:25

Tgt Ion: 65 Resp: 227920

Ion Ratio Lower Upper

65 100

67 53.4 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: VX020764.D

Acq: 26 Jan 2021 19:25

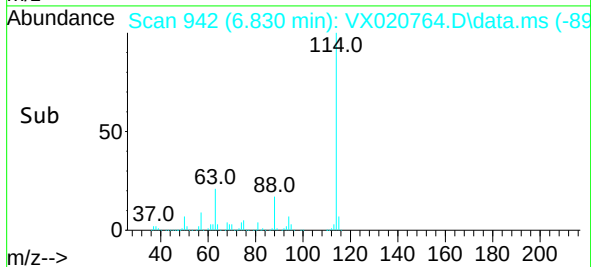
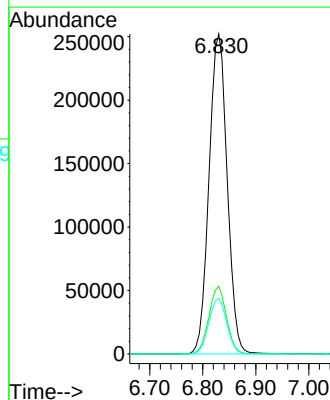
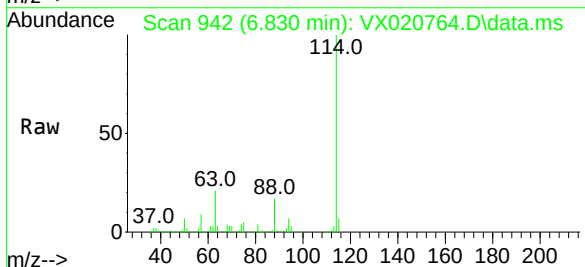
Tgt Ion: 114 Resp: 599897

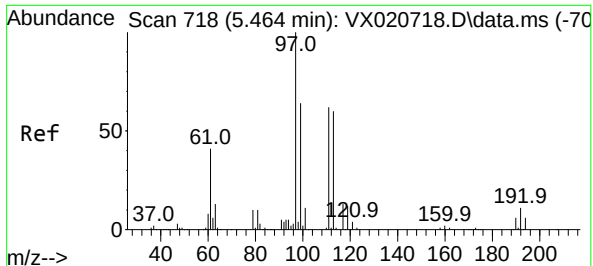
Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.8

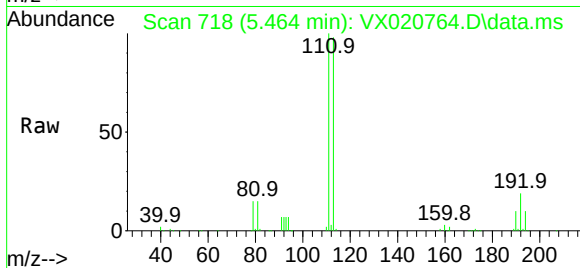
88 17.4 0.0 32.8



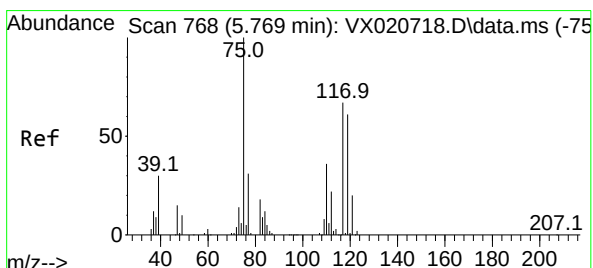
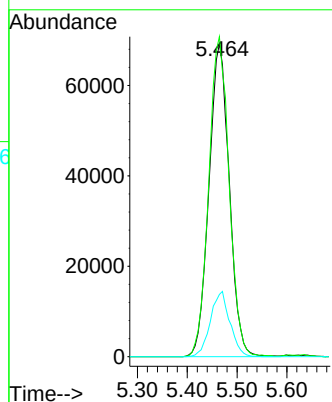
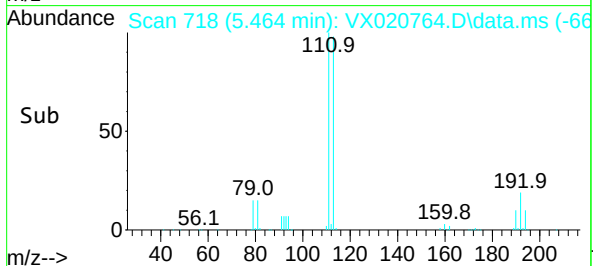


#35
Dibromofluoromethane
Concen: 47.61 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX020764.D
Acq: 26 Jan 2021 19:25

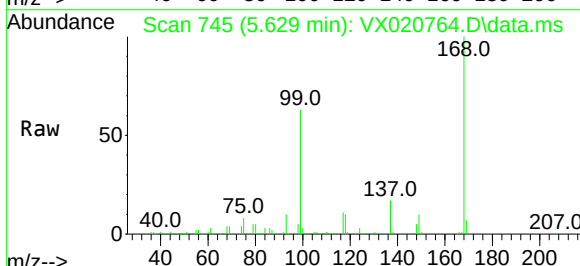
Instrument :
MSVOA_X
ClientSampled :



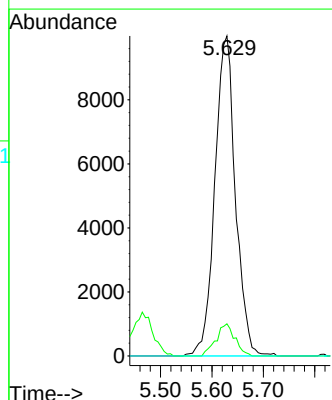
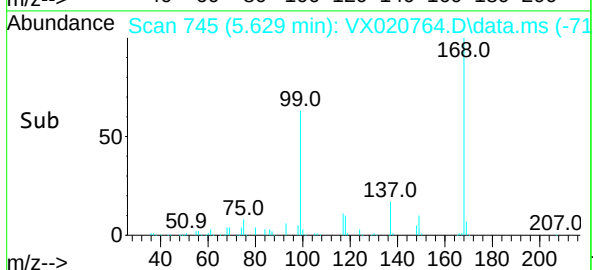
Tgt Ion:113 Resp: 195636
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 20.1 16.7 25.1

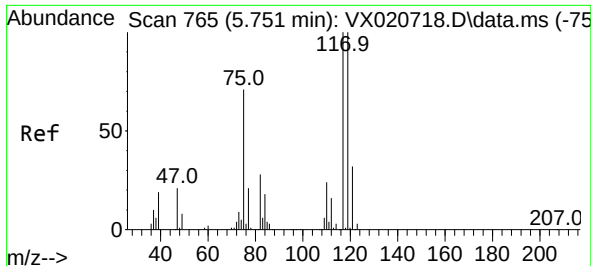


#36
1,1-Dichloropropene
Concen: 4.63 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX020764.D
Acq: 26 Jan 2021 19:25



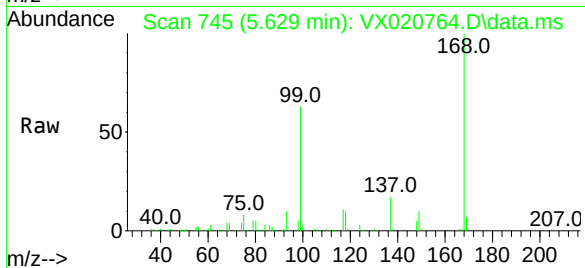
Tgt Ion: 75 Resp: 27873
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#



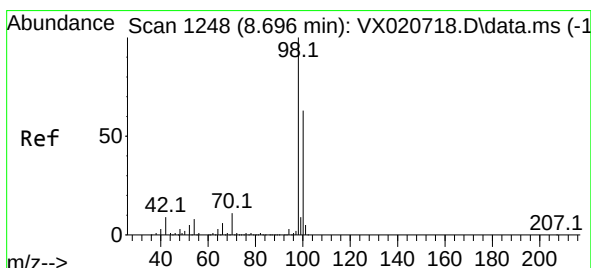
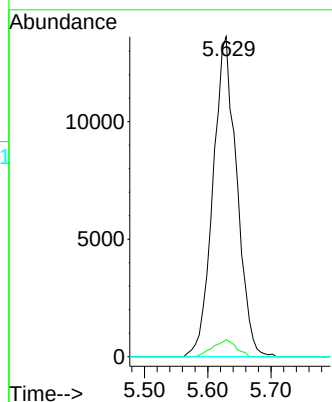
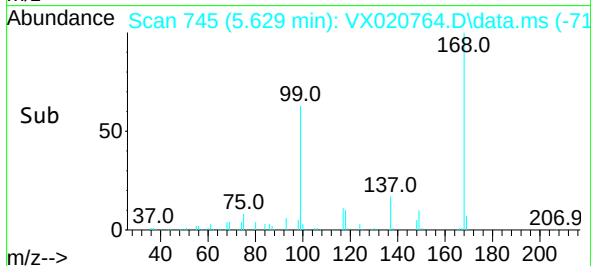


#38
Carbon Tetrachloride
Concen: 5.61 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020764.D
Acq: 26 Jan 2021 19:25

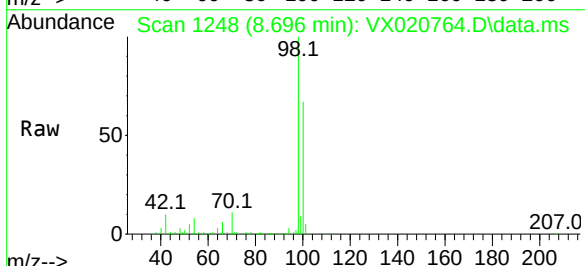
Instrument :
MSVOA_X
ClientSampleId :



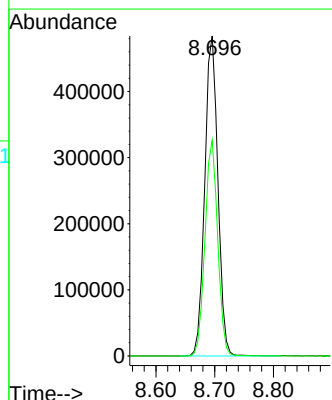
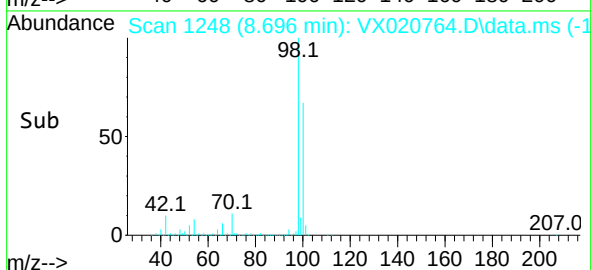
Tgt Ion:117 Resp: 35502
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#

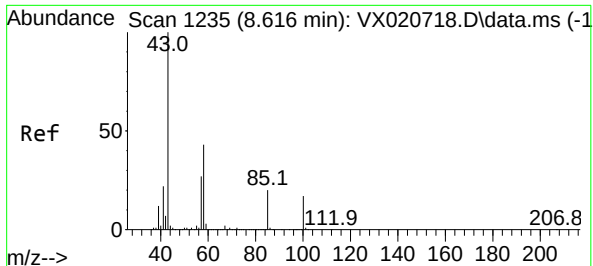


#50
Toluene-d8
Concen: 49.74 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020764.D
Acq: 26 Jan 2021 19:25



Tgt Ion: 98 Resp: 749343
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

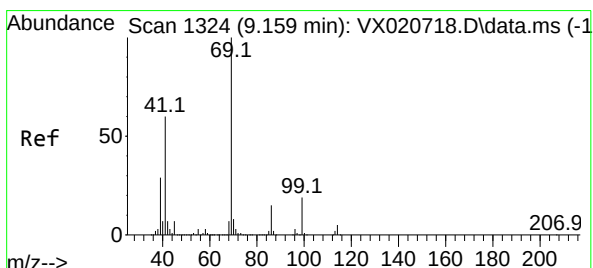
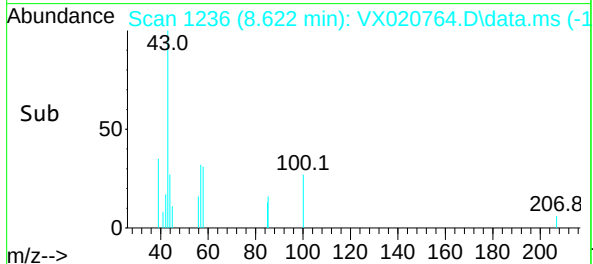
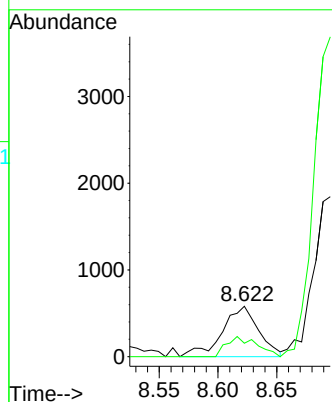
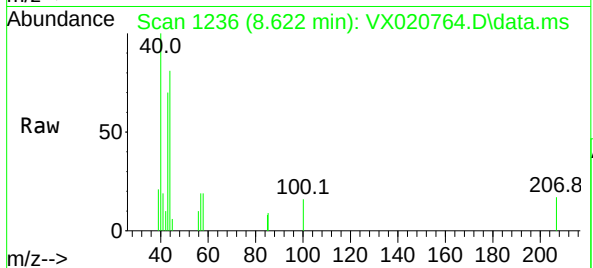




#51
4-Methyl-2-Pentanone
Concen: 0.22 ug/l
RT: 8.622 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VX020764.D
Acq: 26 Jan 2021 19:25

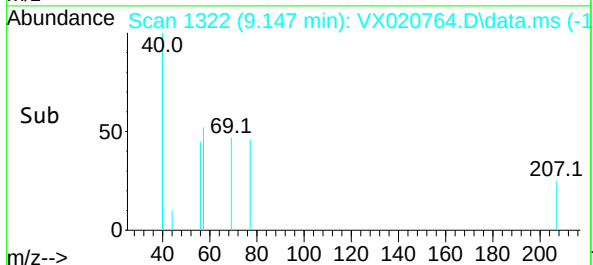
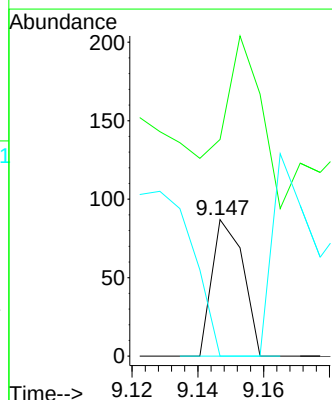
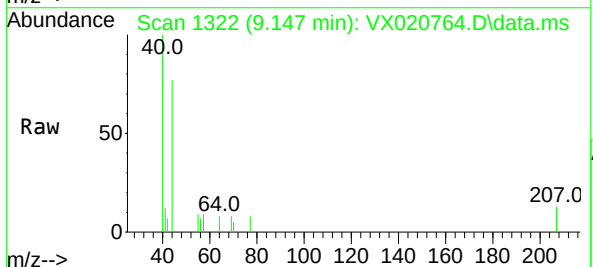
Instrument :
MSVOA_X
ClientSampled :

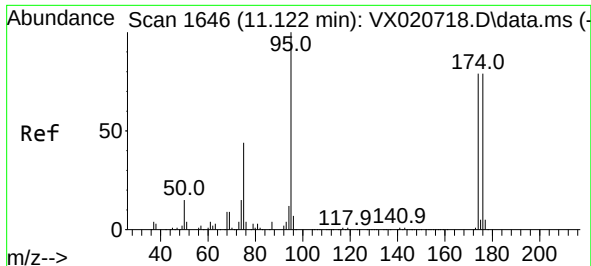
Tgt Ion: 43 Resp: 1247
Ion Ratio Lower Upper
43 100
58 33.4 35.4 53.0#



#56
Ethyl methacrylate
Concen: 2.79 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.012 min
Lab File: VX020764.D
Acq: 26 Jan 2021 19:25

Tgt Ion: 69 Resp: 57
Ion Ratio Lower Upper
69 100
41 91.2 46.8 70.2#
39 184.2 24.7 37.1#

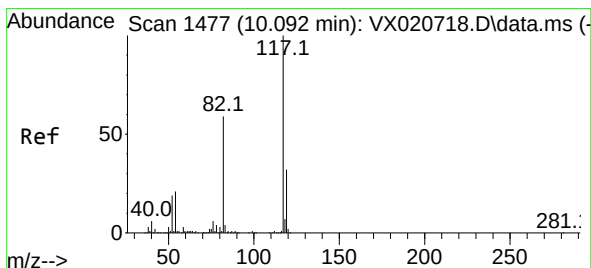
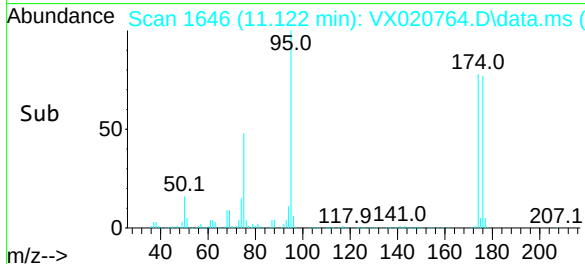
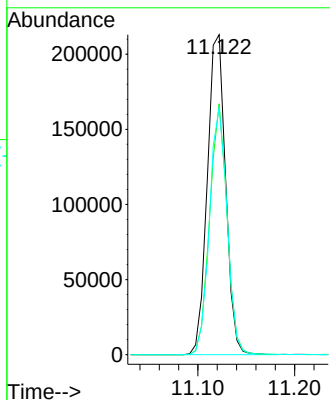
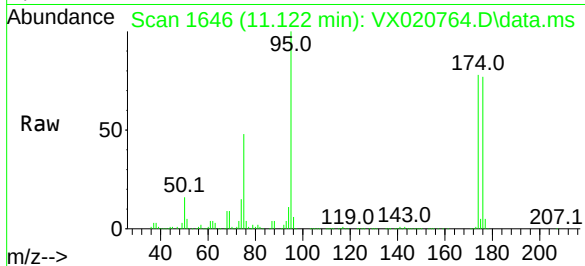




#62
4-Bromofluorobenzene
Concen: 47.82 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020764.D
Acq: 26 Jan 2021 19:25

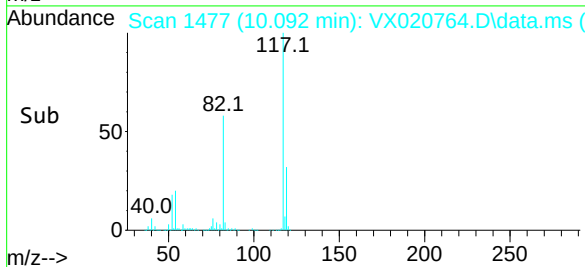
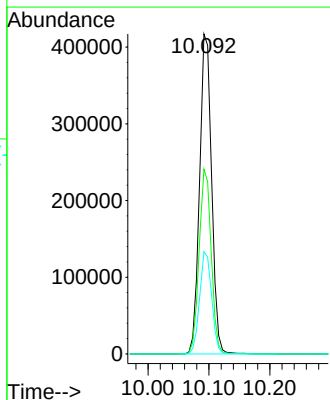
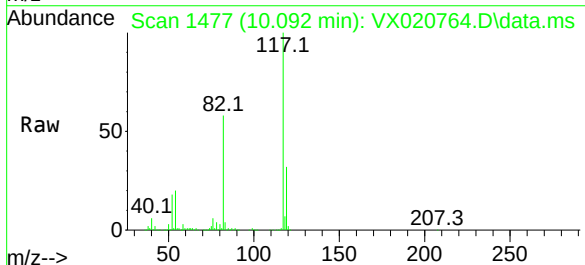
Instrument :
MSVOA_X
ClientSampleId :

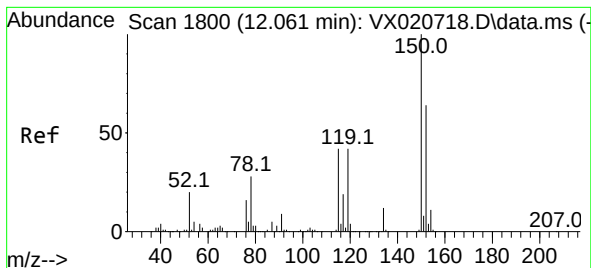
Tgt Ion: 95 Resp: 279753
Ion Ratio Lower Upper
95 100
174 74.8 0.0 154.6
176 74.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020764.D
Acq: 26 Jan 2021 19:25

Tgt Ion: 117 Resp: 574161
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 31.9 26.6 39.8

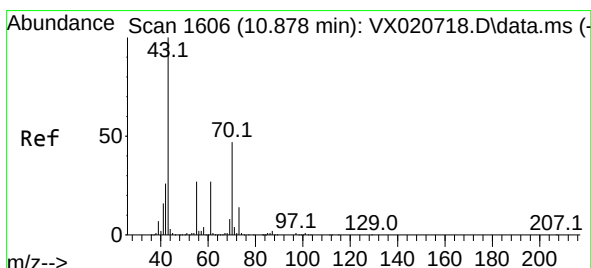
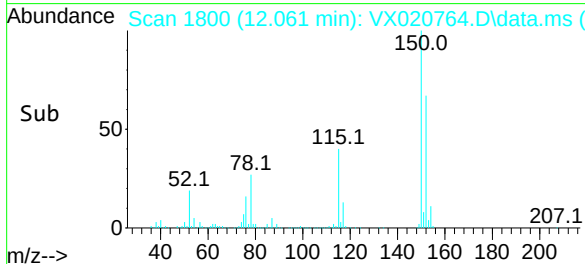
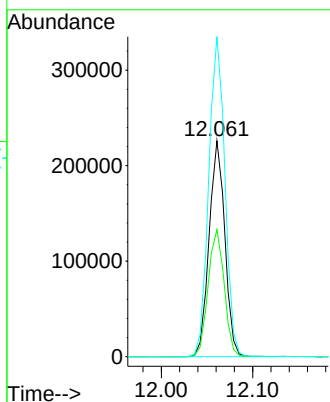
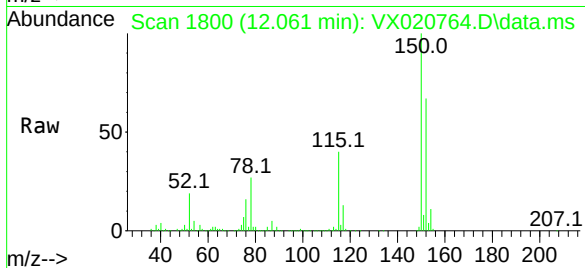




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020764.D
Acq: 26 Jan 2021 19:25

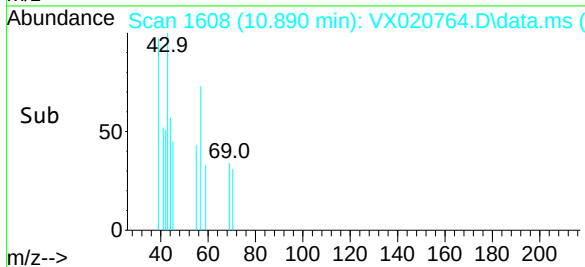
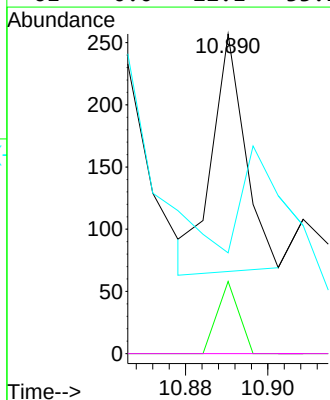
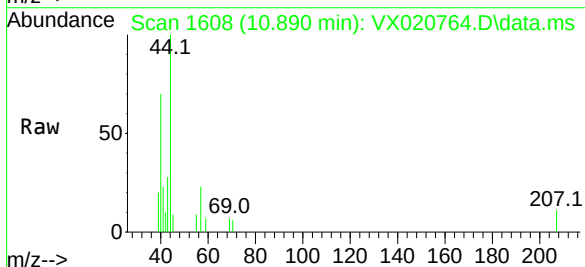
Instrument :
MSVOA_X
ClientSampleId :

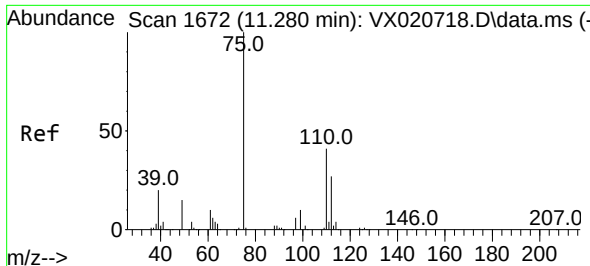
Tgt Ion:152 Resp: 269774
Ion Ratio Lower Upper
152 100
115 59.9 41.1 123.3
150 152.0 0.0 349.0



#74
N-ethyl acetate
Concen: 2.03 ug/l
RT: 10.890 min Scan# 1608
Delta R.T. 0.012 min
Lab File: VX020764.D
Acq: 26 Jan 2021 19:25

Tgt Ion: 43 Resp: 106
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 154.7 21.5 32.3#
61 0.0 22.1 33.1#

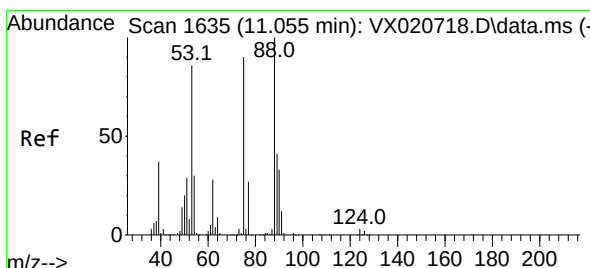
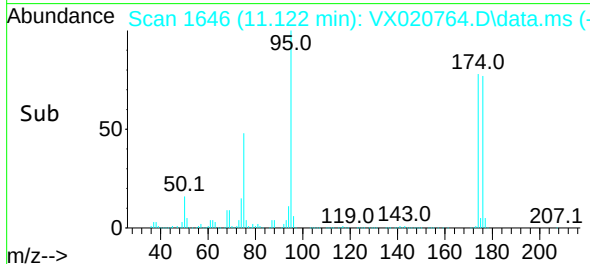
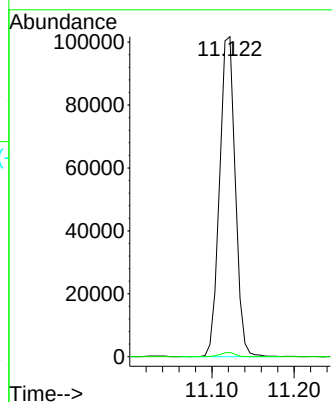
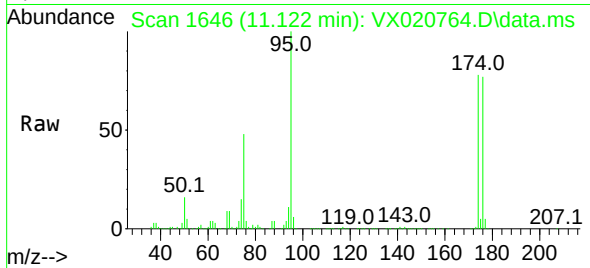




#76
1,2,3-Trichloropropane
Concen: 21.64 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020764.D
Acq: 26 Jan 2021 19:25

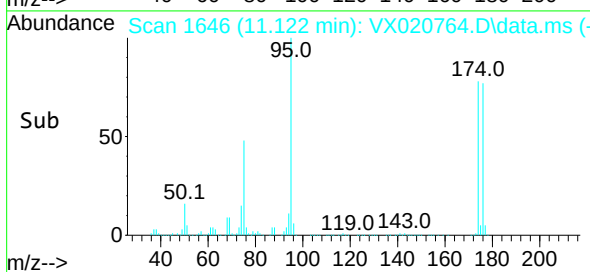
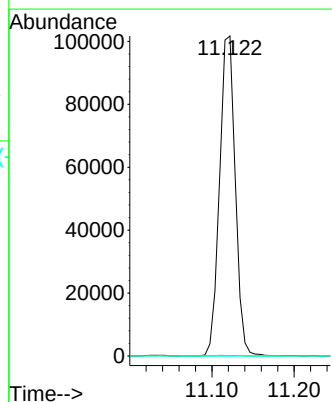
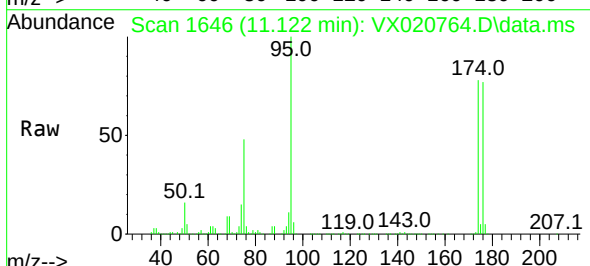
Instrument :
MSVOA_X
ClientSampled :

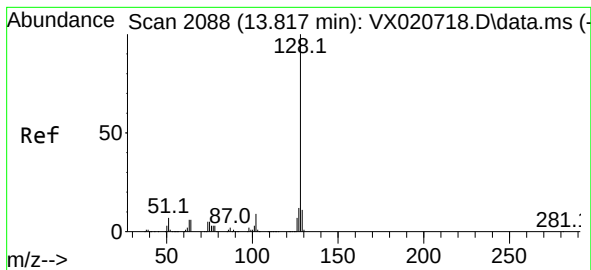
Tgt Ion: 75 Resp: 135402
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.64 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020764.D
Acq: 26 Jan 2021 19:25

Tgt Ion: 75 Resp: 135402
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 2.90 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020764.D
Acq: 26 Jan 2021 19:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 688
Ion Ratio Lower Upper
128 100
127 15.3 10.3 15.5
129 3.1 8.8 13.2#

