

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013021\
 Data File : VX020803.D
 Acq On : 29 Jan 2021 14:32
 Operator : JC/SP
 Sample : VX0130WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBL01

Quant Time: Jan 29 15:19:04 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)

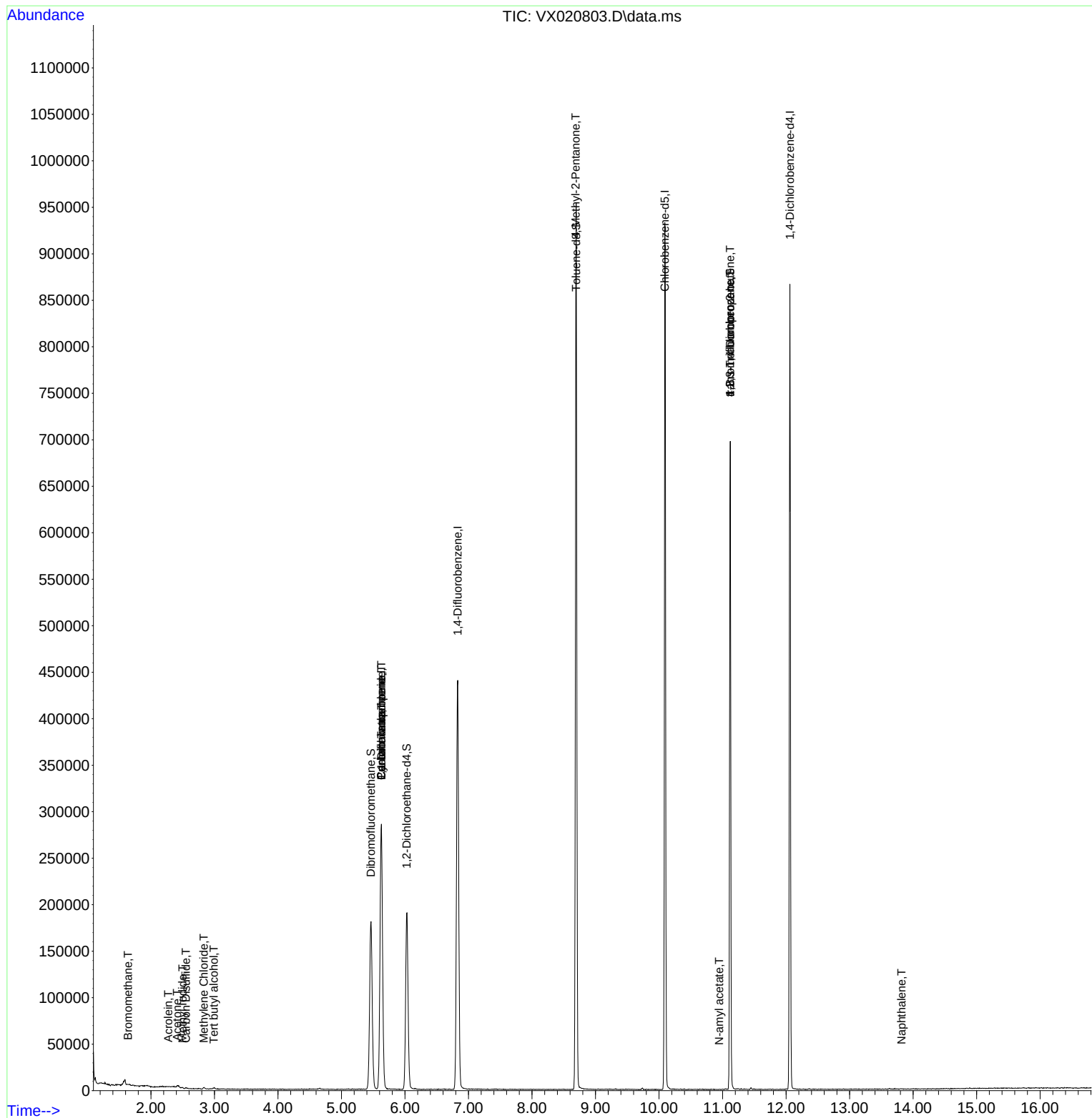
Internal Standards						
1) Pentafluorobenzene	5.629	168	263758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	451301	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	429179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	176890	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	184734	51.35	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.70%			
35) Dibromofluoromethane	5.465	113	159150	51.48	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.96%			
50) Toluene-d8	8.696	98	563479	49.72	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.44%			
62) 4-Bromofluorobenzene	11.122	95	187992	42.71	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 85.42%			
Target Compounds					Qvalue	
5) Bromomethane	1.636	94	560	0.32	ug/l #	71
10) Methyl Iodide	2.496	142	924	0.26	ug/l #	94
11) Tert butyl alcohol	2.989	59	906	1.35	ug/l #	73
13) Acrolein	2.270	56	162	0.32	ug/l #	68
16) Acetone	2.410	43	1801	1.32	ug/l #	70
17) Carbon Disulfide	2.550	76	922	1.01	ug/l #	74
20) Methylene Chloride	2.831	84	753	0.22	ug/l #	77
31) Cyclohexane	5.629	56	4947	1.02	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	20057	4.43	ug/l #	50
38) Carbon Tetrachloride	5.629	117	27642	5.80	ug/l #	16
51) 4-Methyl-2-Pentanone	8.690	43	2219	0.51	ug/l #	1
74) N-amyl acetate	10.945	43	27	2.02	ug/l #	38
76) 1,2,3-Trichloropropane	11.122	75	90590	22.08	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	90590	61.88	ug/l #	12
95) Naphthalene	13.817	128	306	2.89	ug/l #	69

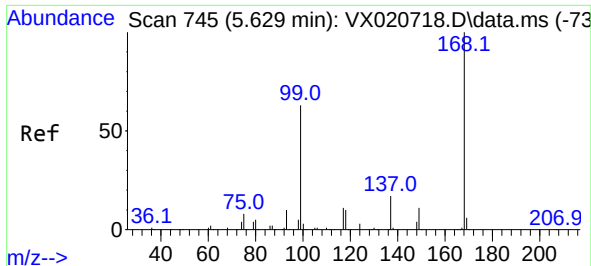
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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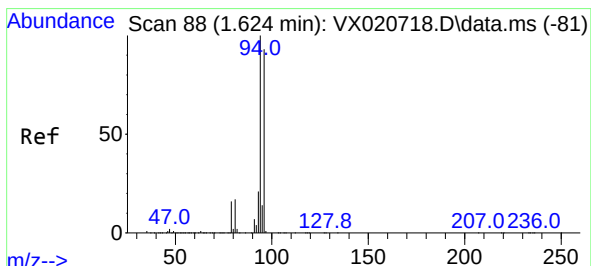
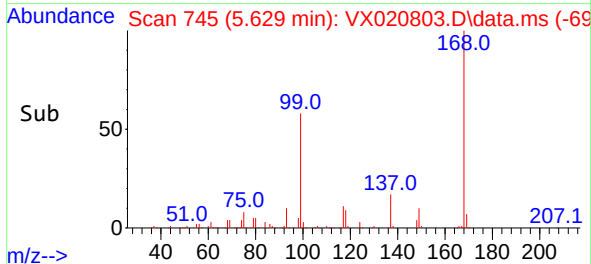
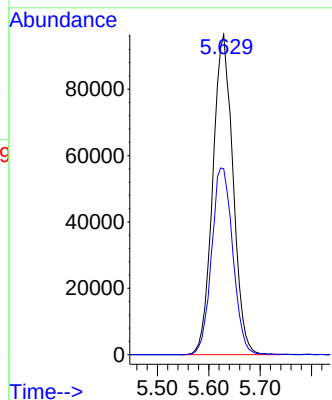
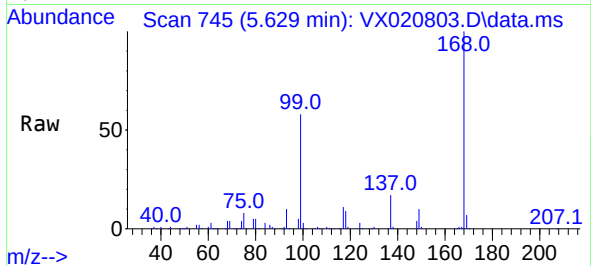




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020803.D
Acq: 29 Jan 2021 14:32

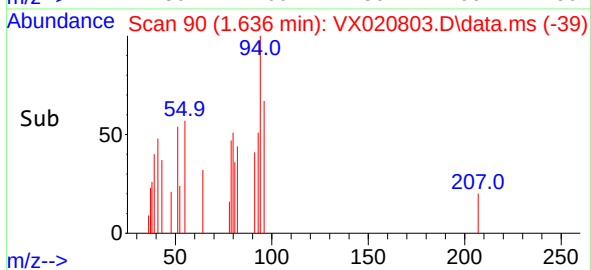
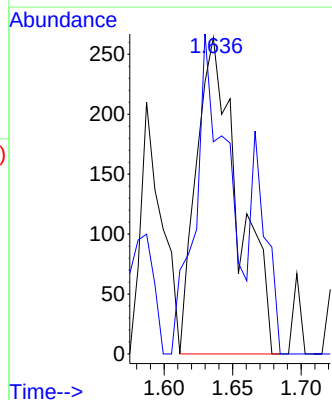
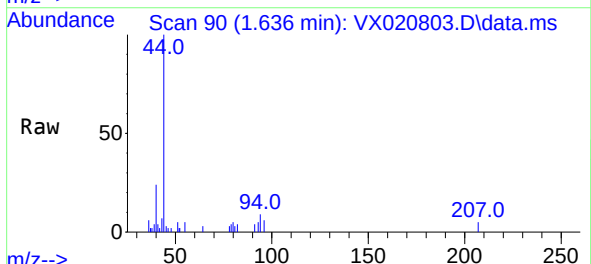
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBL01

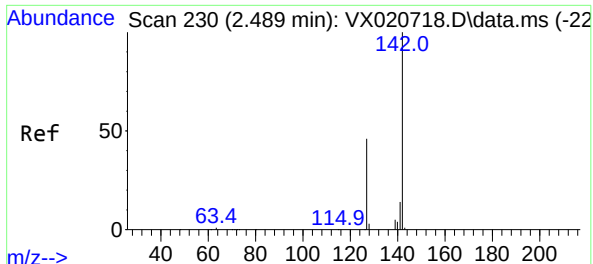
Tgt Ion:168 Resp: 263758
Ion Ratio Lower Upper
168 100
99 58.1 45.8 68.6



#5
Bromomethane
Concen: 0.32 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020803.D
Acq: 29 Jan 2021 14:32

Tgt Ion: 94 Resp: 560
Ion Ratio Lower Upper
94 100
96 67.0 76.4 114.6#

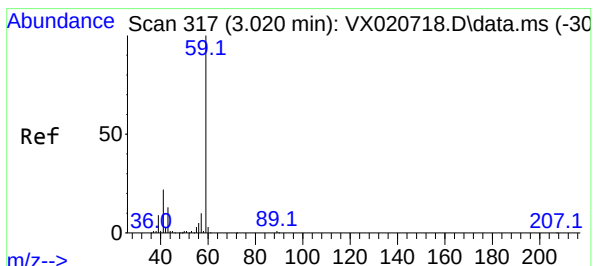
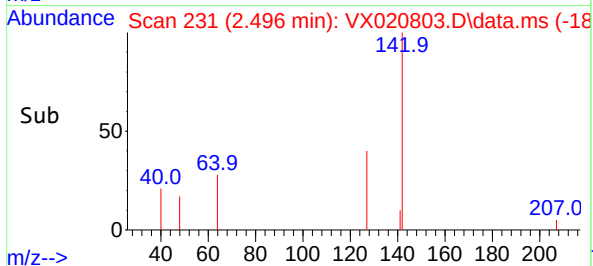
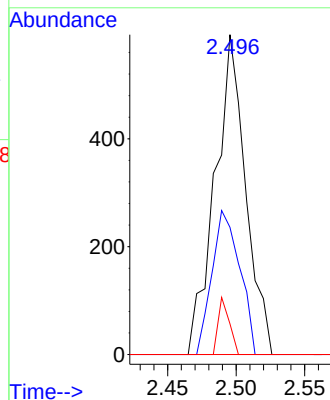
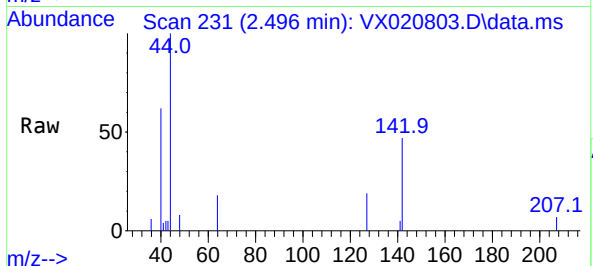




#10
Methyl Iodide
Concen: 0.26 ug/l
RT: 2.496 min Scan# 231
Delta R.T. 0.007 min
Lab File: VX020803.D
Acq: 29 Jan 2021 14:32

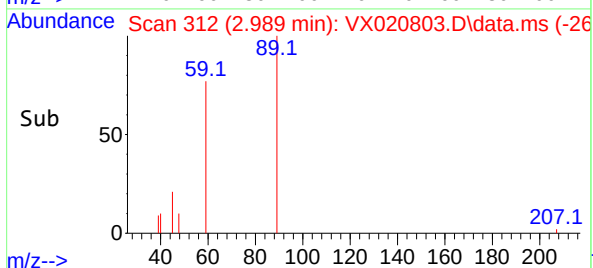
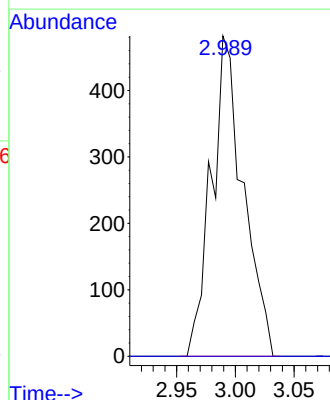
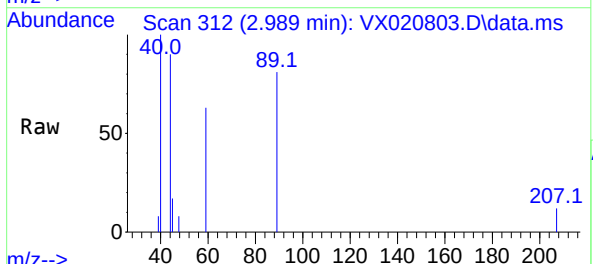
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBL01

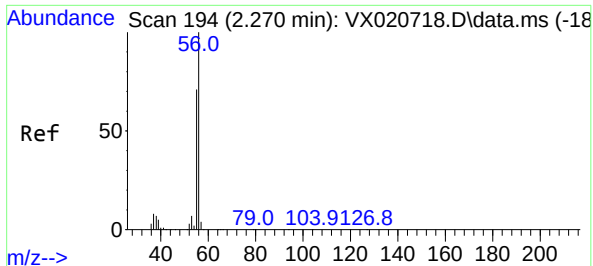
Tgt Ion:142 Resp: 924
Ion Ratio Lower Upper
142 100
127 40.7 33.3 49.9
141 6.5 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.35 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.031 min
Lab File: VX020803.D
Acq: 29 Jan 2021 14:32

Tgt Ion: 59 Resp: 906
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

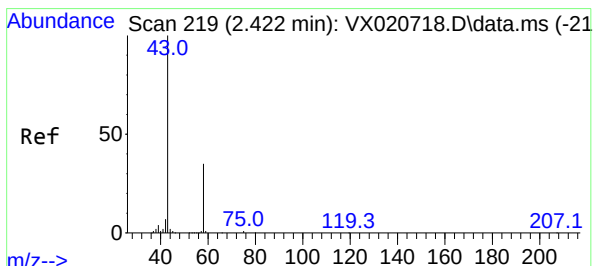
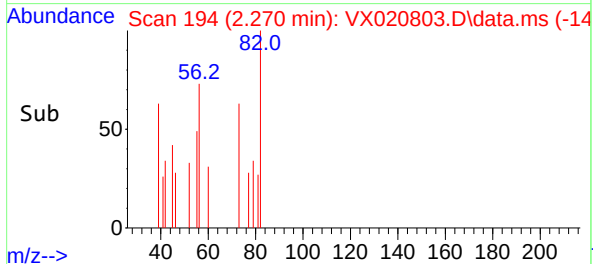
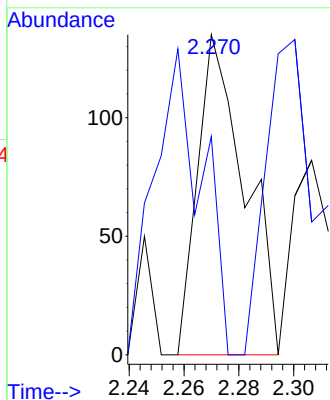
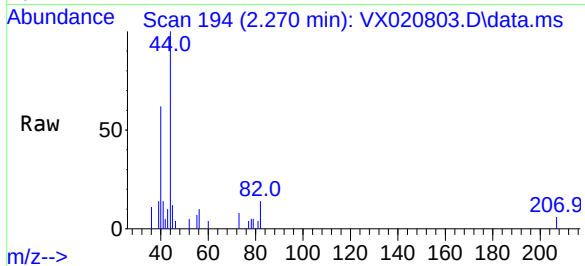




#13
Acrolein
Concen: 0.32 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.000 min
Lab File: VX020803.D
Acq: 29 Jan 2021 14:32

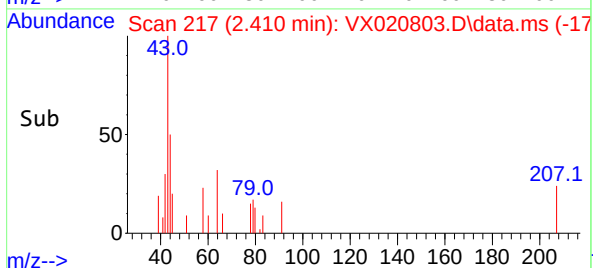
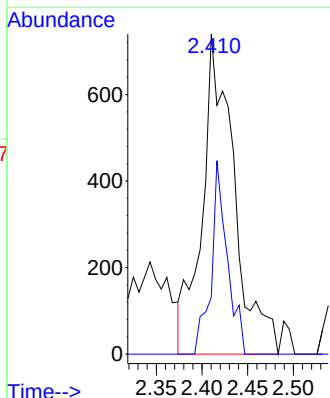
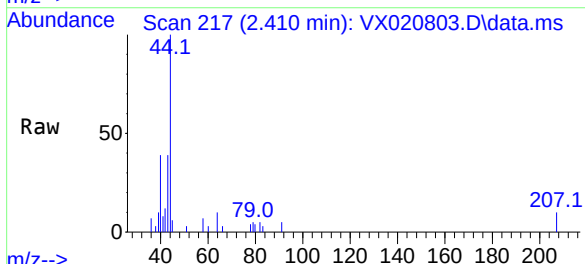
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBL01

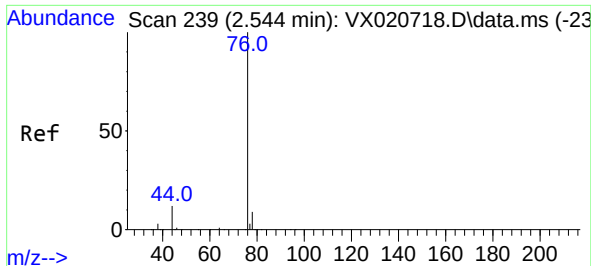
Tgt Ion: 56 Resp: 162
Ion Ratio Lower Upper
56 100
55 96.9 56.4 84.6#



#16
Acetone
Concen: 1.32 ug/l
RT: 2.410 min Scan# 217
Delta R.T. -0.012 min
Lab File: VX020803.D
Acq: 29 Jan 2021 14:32

Tgt Ion: 43 Resp: 1801
Ion Ratio Lower Upper
43 100
58 17.7 27.8 41.8#

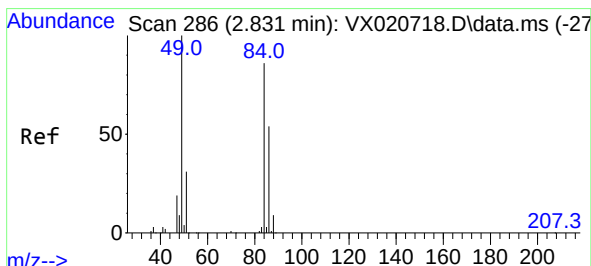
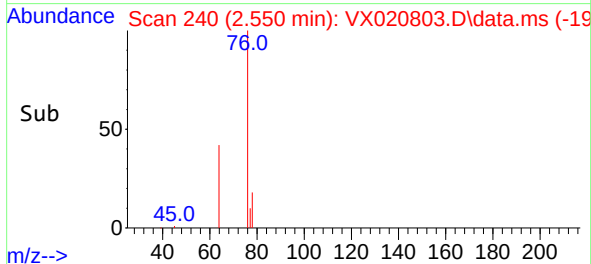
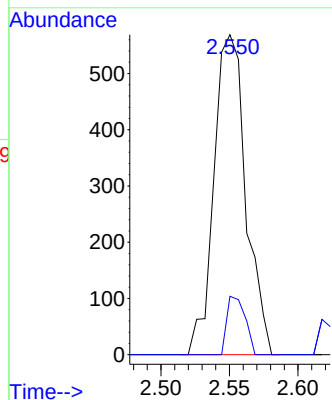
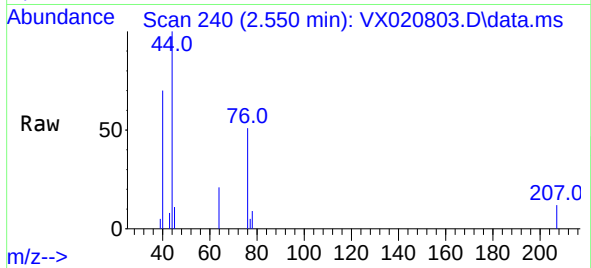




#17
Carbon Disulfide
Concen: 1.01 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020803.D
Acq: 29 Jan 2021 14:32

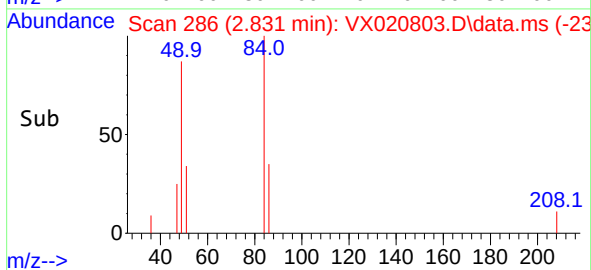
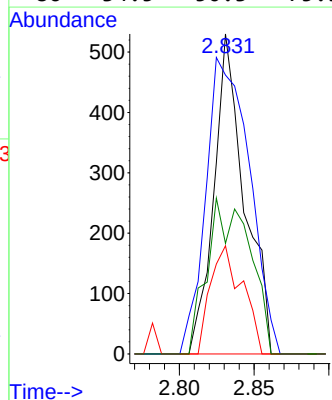
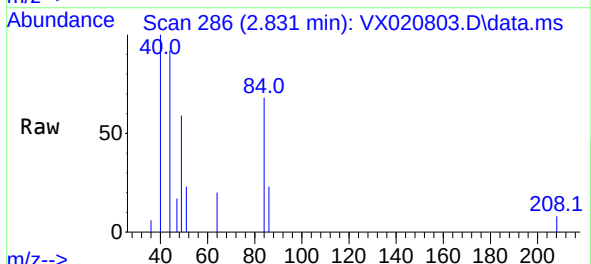
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBL01

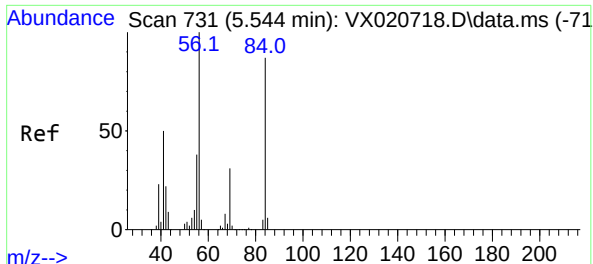
Tgt Ion: 76 Resp: 922
Ion Ratio Lower Upper
76 100
78 18.3 7.2 10.8#



#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020803.D
Acq: 29 Jan 2021 14:32

Tgt Ion: 84 Resp: 753
Ion Ratio Lower Upper
84 100
49 87.2 88.6 132.8#
51 33.8 27.0 40.6
86 34.5 50.3 75.5#

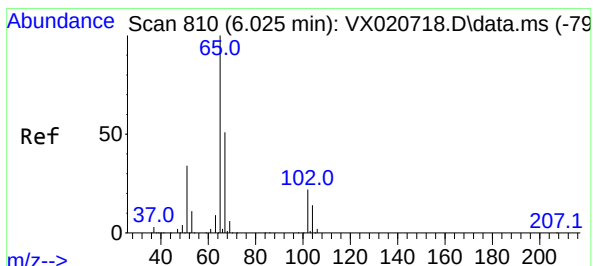
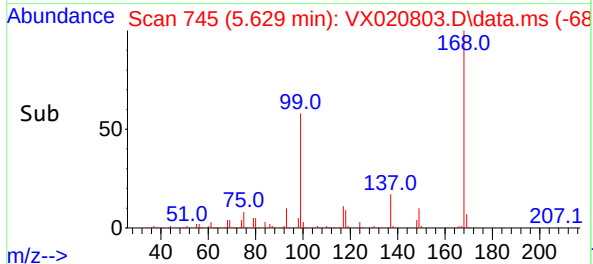
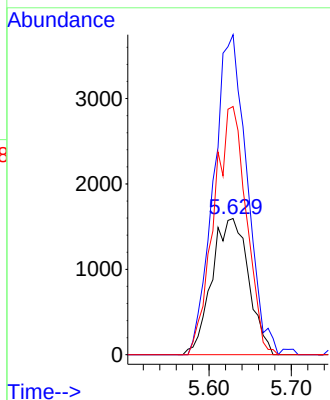
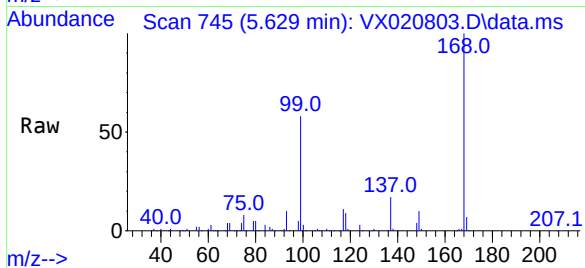




#31
Cyclohexane
Concen: 1.02 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.085 min
Lab File: VX020803.D
Acq: 29 Jan 2021 14:32

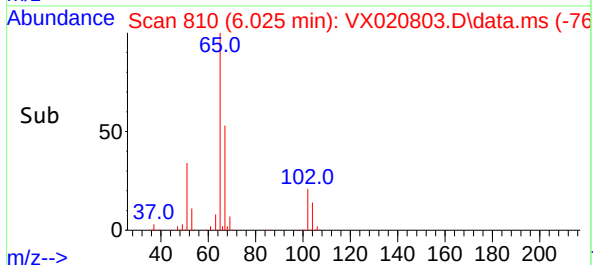
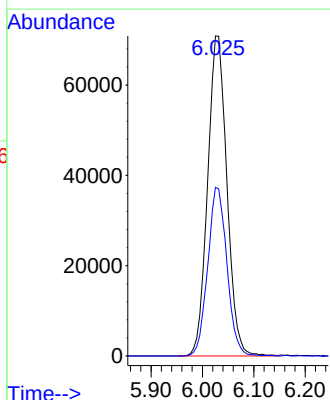
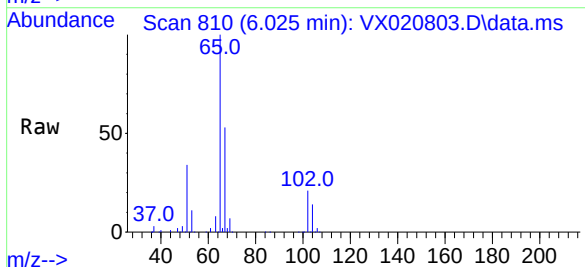
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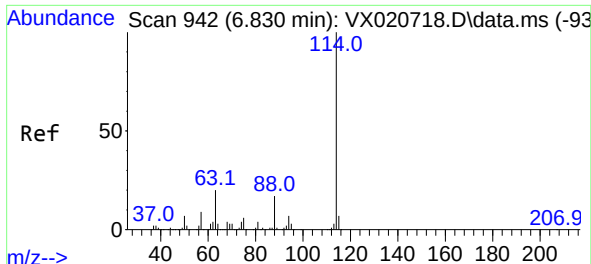
Tgt Ion: 56 Resp: 4947
Ion Ratio Lower Upper
56 100
69 235.0 25.3 37.9#
84 182.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.35 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020803.D
Acq: 29 Jan 2021 14:32

Tgt Ion: 65 Resp: 184734
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4

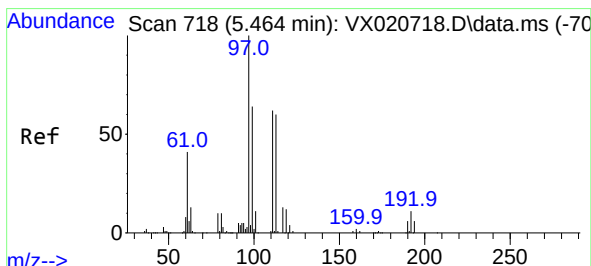
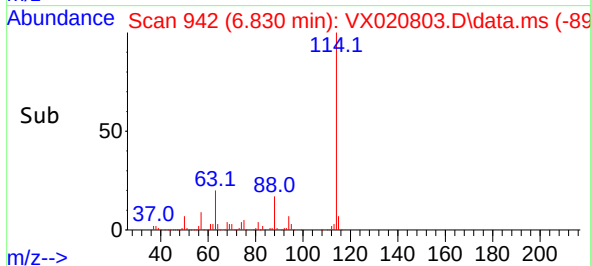
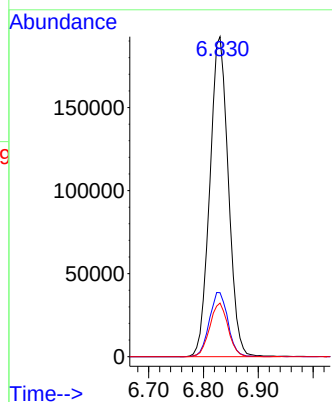
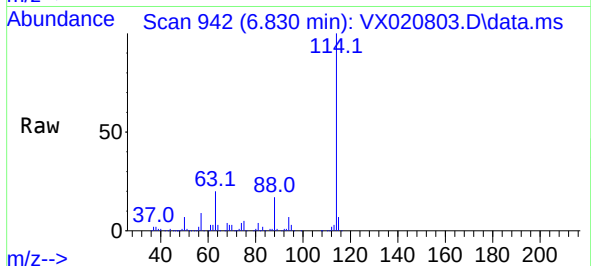




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020803.D
Acq: 29 Jan 2021 14:32

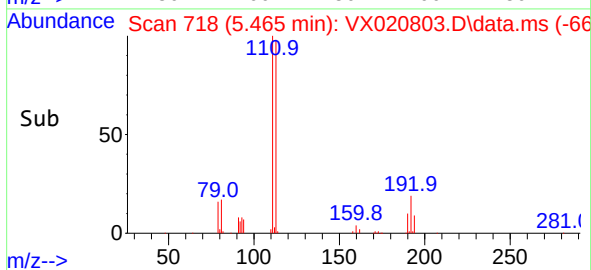
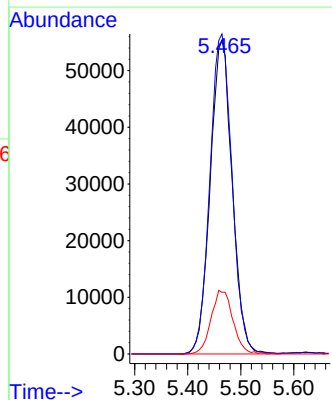
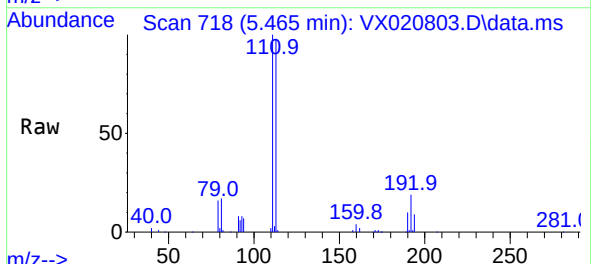
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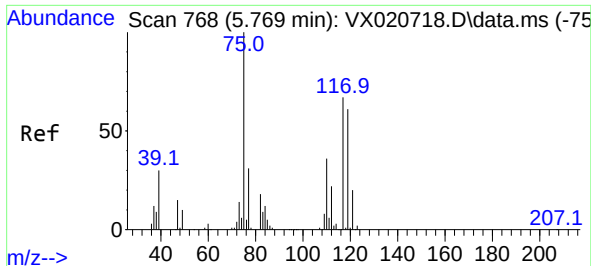
Tgt Ion:114 Resp: 451301
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.48 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX020803.D
Acq: 29 Jan 2021 14:32

Tgt Ion:113 Resp: 159150
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 20.1 16.7 25.1

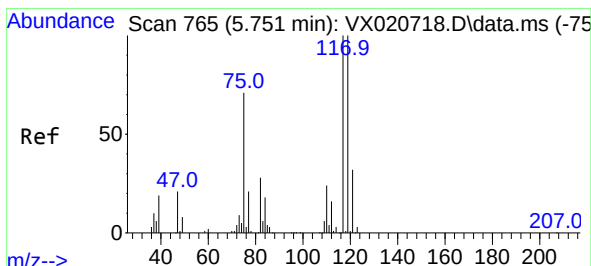
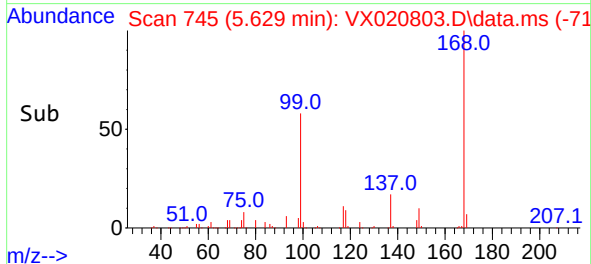
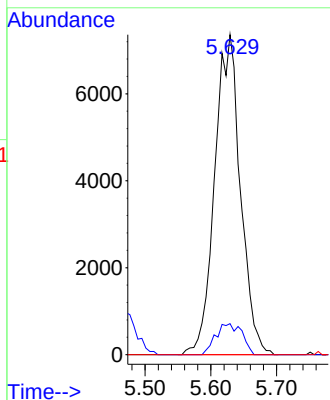
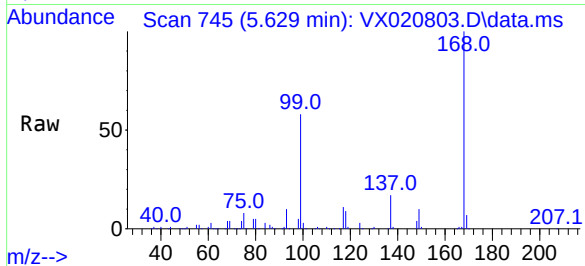




#36
1,1-Dichloropropene
Concen: 4.43 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX020803.D
Acq: 29 Jan 2021 14:32

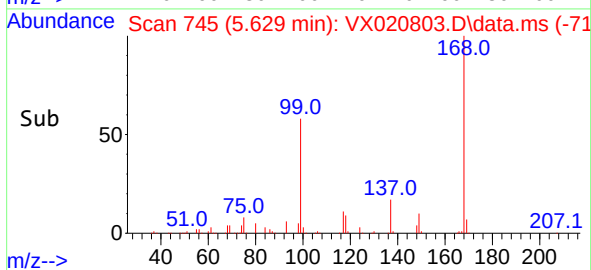
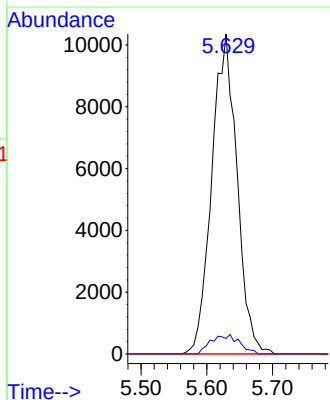
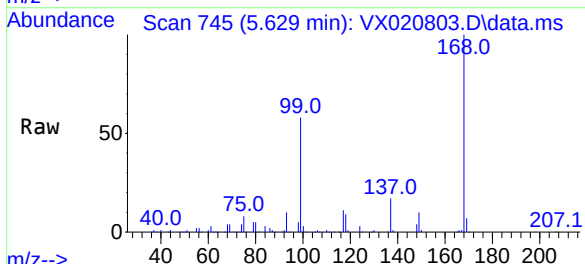
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBL01

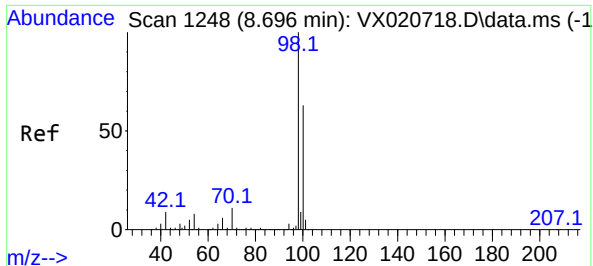
Tgt Ion:	75	Resp:	20057
Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.1	54.4#
77	0.0	25.3	37.9#



#38
Carbon Tetrachloride
Concen: 5.80 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020803.D
Acq: 29 Jan 2021 14:32

Tgt Ion:	117	Resp:	27642
Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.2	114.2#
121	0.0	24.8	37.2#

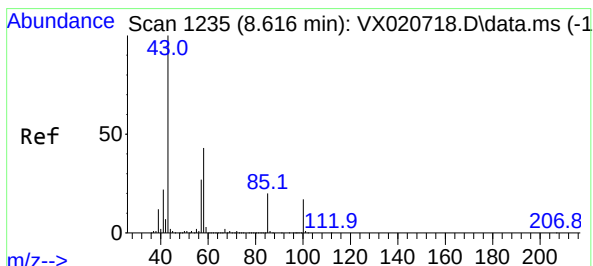
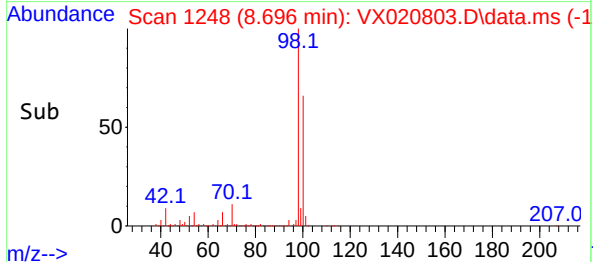
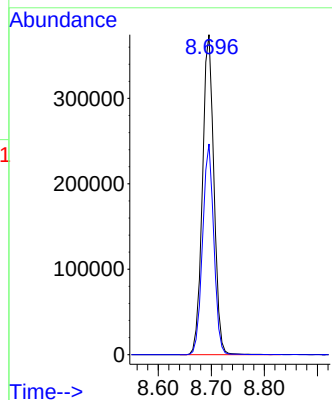
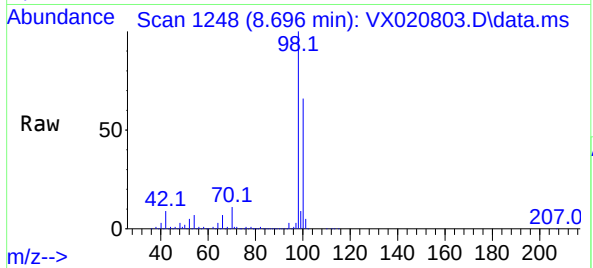




#50
Toluene-d8
Concen: 49.72 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020803.D
Acq: 29 Jan 2021 14:32

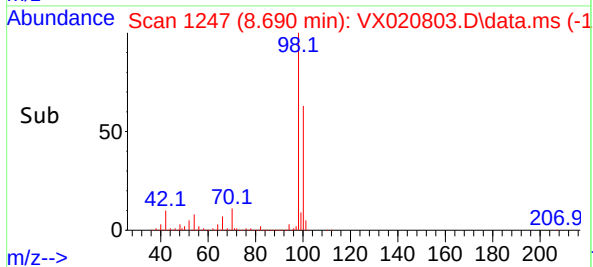
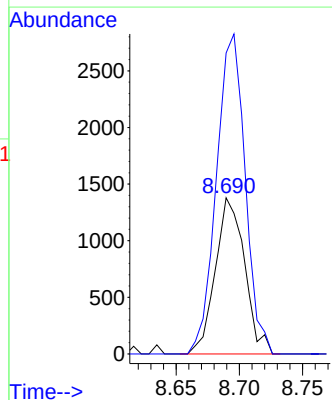
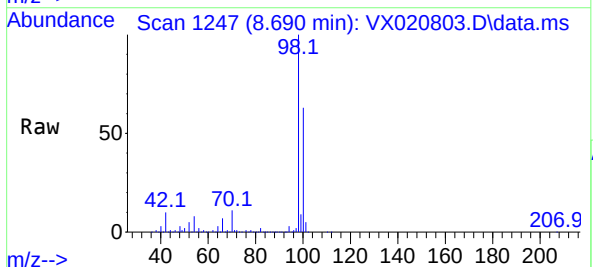
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBL01

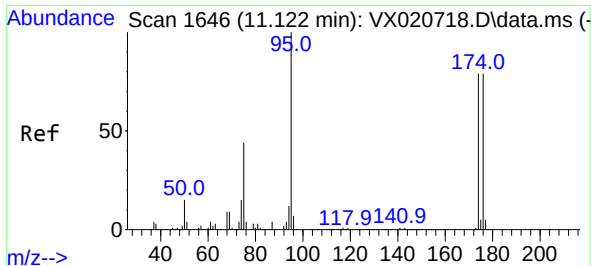
Tgt Ion: 98 Resp: 563479
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.51 ug/l
RT: 8.690 min Scan# 1247
Delta R.T. 0.074 min
Lab File: VX020803.D
Acq: 29 Jan 2021 14:32

Tgt Ion: 43 Resp: 2219
Ion Ratio Lower Upper
43 100
58 201.4 35.4 53.0#

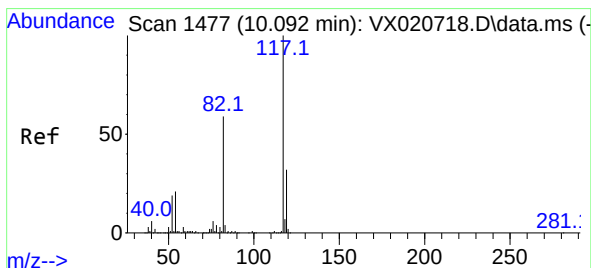
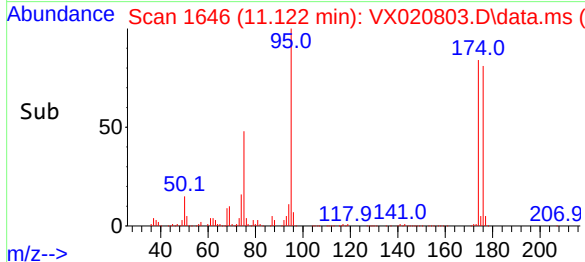
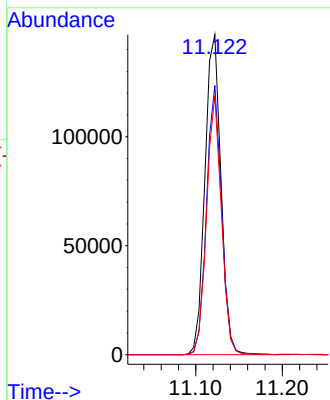
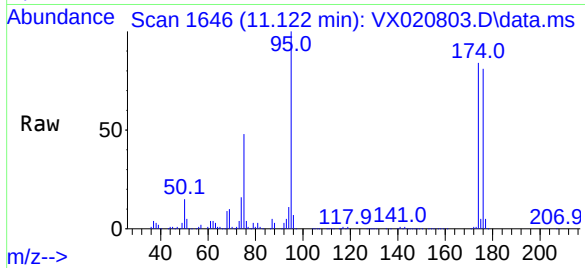




#62
4-Bromofluorobenzene
Concen: 42.71 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020803.D
Acq: 29 Jan 2021 14:32

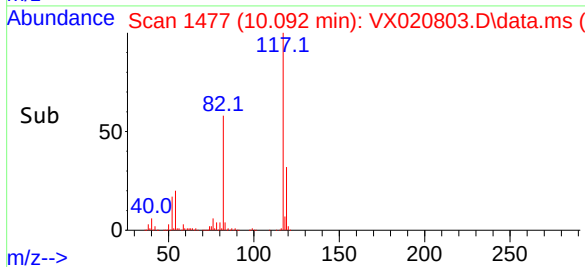
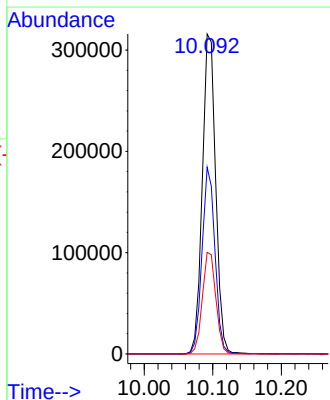
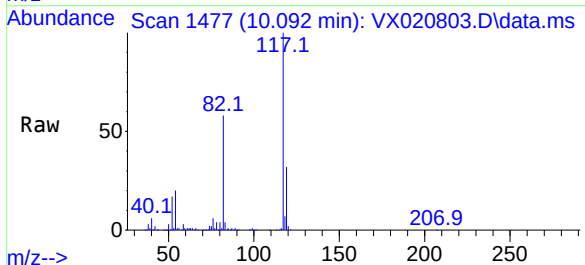
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBL01

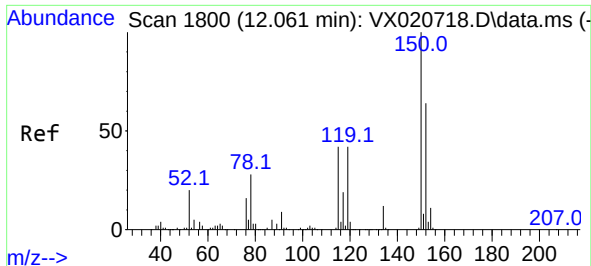
Tgt Ion: 95 Resp: 187992
Ion Ratio Lower Upper
95 100
174 80.1 0.0 154.6
176 75.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020803.D
Acq: 29 Jan 2021 14:32

Tgt Ion: 117 Resp: 429179
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 31.8 26.6 39.8

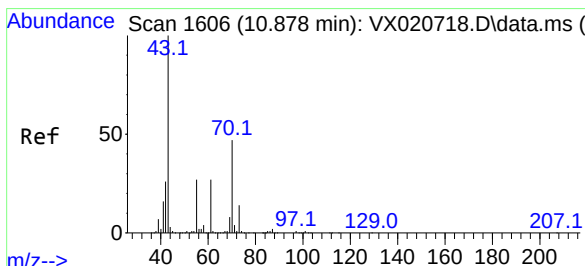
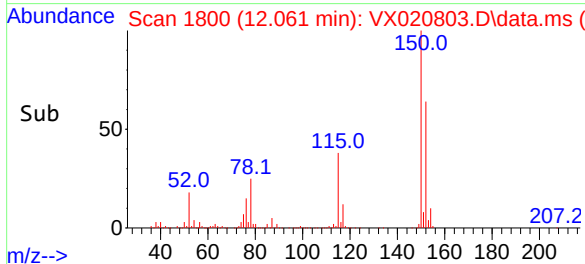
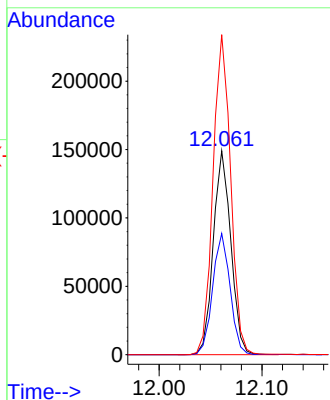
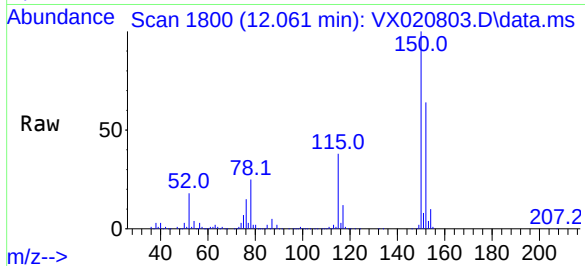




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020803.D
Acq: 29 Jan 2021 14:32

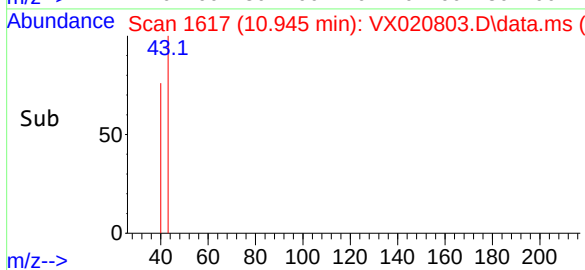
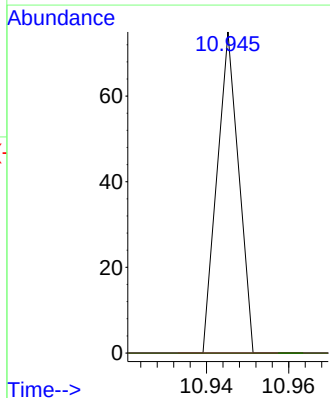
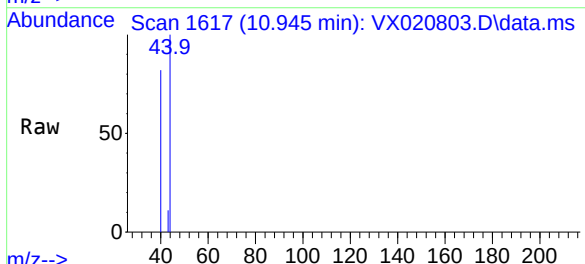
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBL01

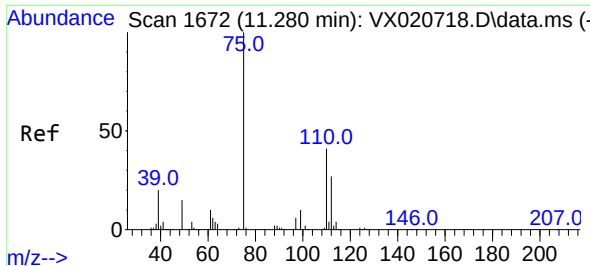
Tgt Ion:152 Resp: 176890
Ion Ratio Lower Upper
152 100
115 59.2 41.1 123.3
150 157.5 0.0 349.0



#74
N-ethyl acetate
Concen: 2.02 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.067 min
Lab File: VX020803.D
Acq: 29 Jan 2021 14:32

Tgt Ion: 43 Resp: 27
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 0.0 21.5 32.3#
61 0.0 22.1 33.1#

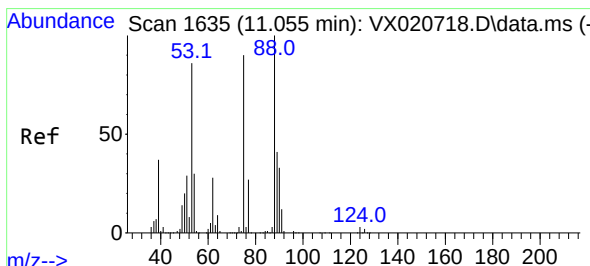
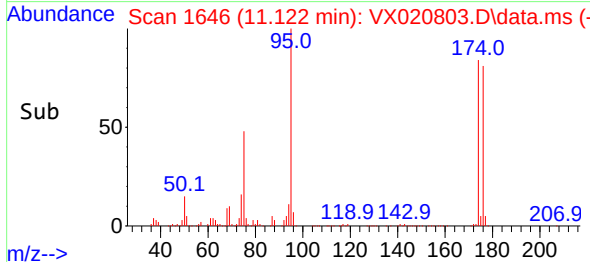
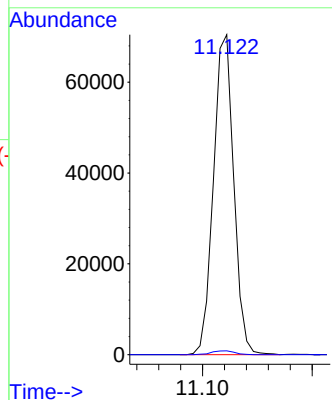
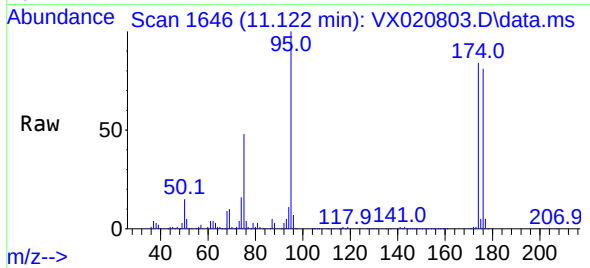




#76
1,2,3-Trichloropropane
Concen: 22.08 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020803.D
Acq: 29 Jan 2021 14:32

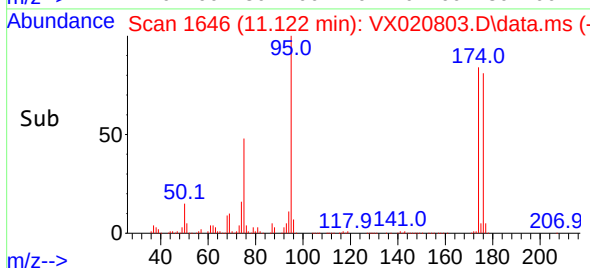
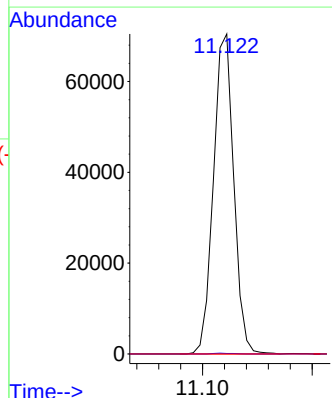
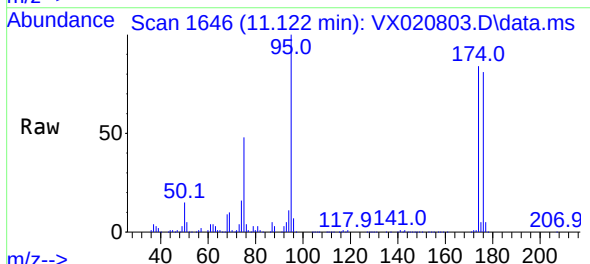
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBL01

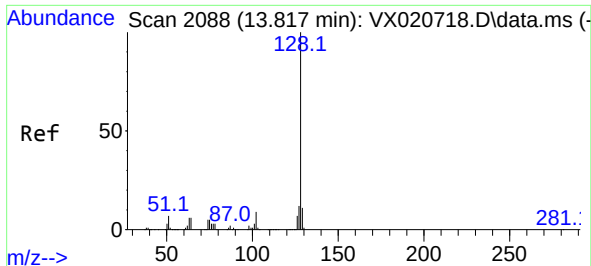
Tgt Ion: 75 Resp: 90590
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.88 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020803.D
Acq: 29 Jan 2021 14:32

Tgt Ion: 75 Resp: 90590
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 2.89 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020803.D
Acq: 29 Jan 2021 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBL01

Tgt Ion:128 Resp: 306
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

