

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020321\
 Data File : VX020828.D
 Acq On : 03 Feb 2021 10:12
 Operator : JC/SP
 Sample : VX0203MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203MBL01

Quant Time: Feb 04 02:18:17 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	5.623	168	263827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	444374	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	417842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	162914	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	177728	49.39	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.78%
35) Dibromofluoromethane	5.458	113	155300	51.02	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.04%
50) Toluene-d8	8.690	98	543723	48.72	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.44%
62) 4-Bromofluorobenzene	11.116	95	179808	41.49	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	82.98%

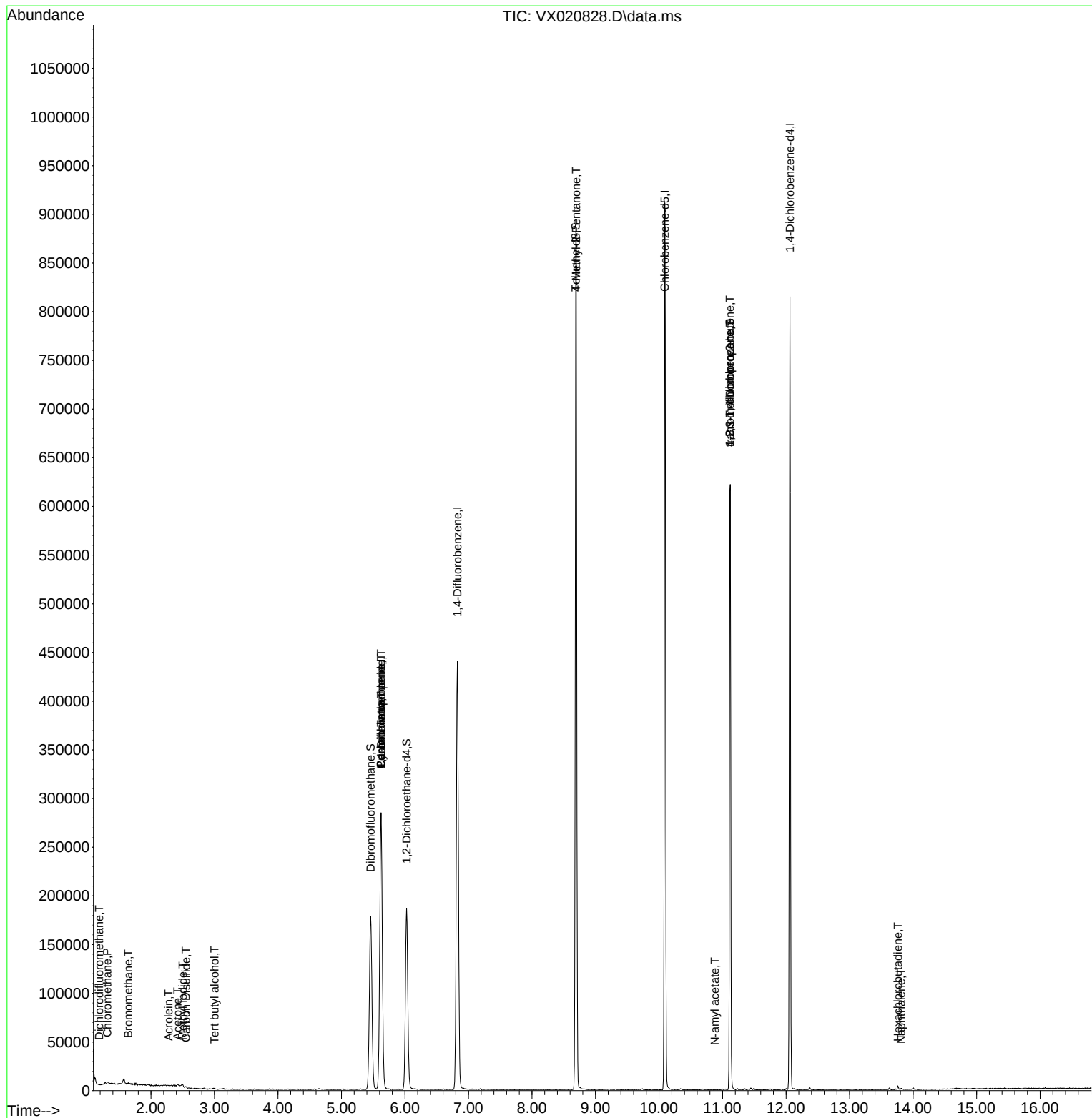
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	22	1.20	ug/l #	42
3) Chloromethane	1.313	50	918	0.25	ug/l #	67
5) Bromomethane	1.642	94	959	0.54	ug/l	99
10) Methyl Iodide	2.502	142	1103	0.31	ug/l	91
11) Tert butyl alcohol	3.002	59	522	0.78	ug/l #	73
13) Acrolein	2.276	56	330	0.65	ug/l #	45
16) Acetone	2.416	43	1283	0.94	ug/l	98
17) Carbon Disulfide	2.550	76	1567	1.09	ug/l #	89
31) Cyclohexane	5.623	56	5195	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	20408	4.58	ug/l #	49
38) Carbon Tetrachloride	5.623	117	27217	5.80	ug/l #	18
51) 4-Methyl-2-Pentanone	8.696	43	2217	0.52	ug/l #	1
74) N-amyl acetate	10.878	43	65	2.03	ug/l #	38
76) 1,2,3-Trichloropropane	11.116	75	89819	23.77	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	89819	66.61	ug/l #	12
94) Hexachlorobutadiene	13.762	225	487	0.30	ug/l	69
95) Naphthalene	13.811	128	1035	2.95	ug/l #	85

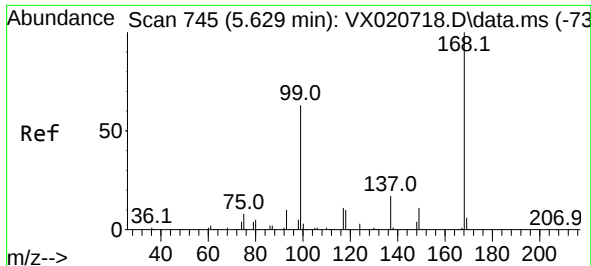
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
VX0203MBL01

Quant Time: Feb 04 02:18:17 2021
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Quant Title : SW846 8260
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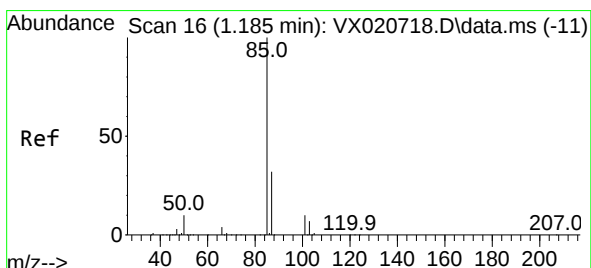
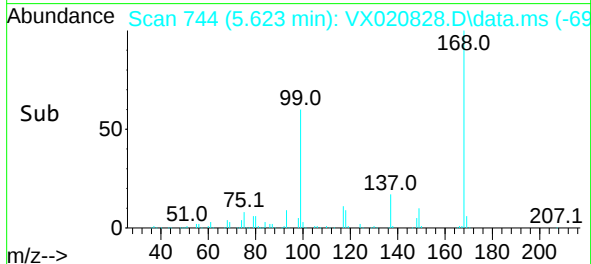
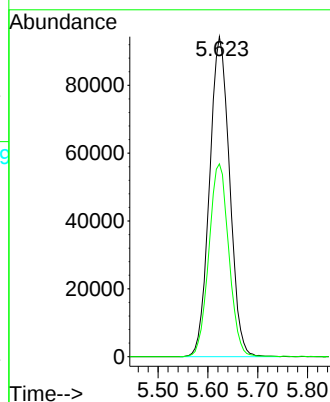
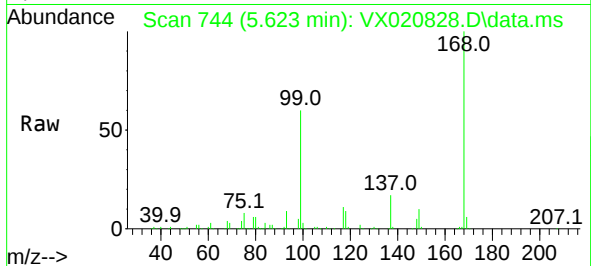




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020828.D
Acq: 03 Feb 2021 10:12

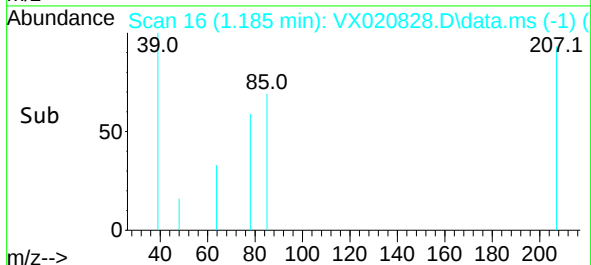
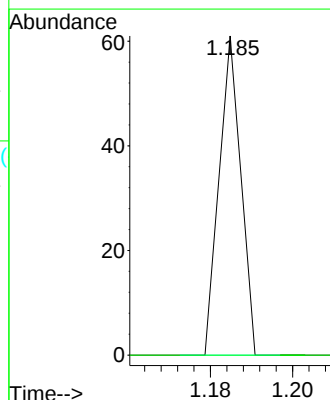
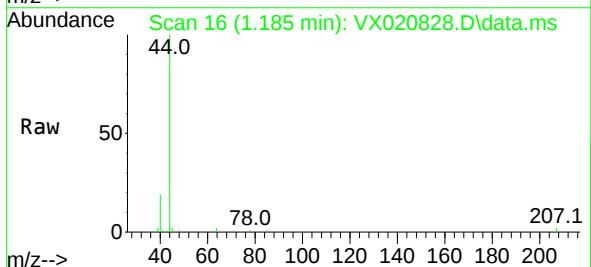
Instrument :
MSVOA_X
ClientSampleId :
VX0203MBL01

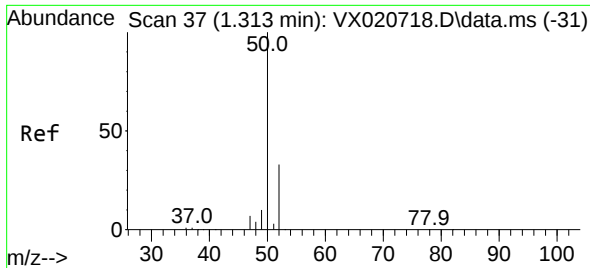
Tgt Ion:168 Resp: 263827
Ion Ratio Lower Upper
168 100
99 60.3 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 1.20 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX020828.D
Acq: 03 Feb 2021 10:12

Tgt Ion: 85 Resp: 22
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#

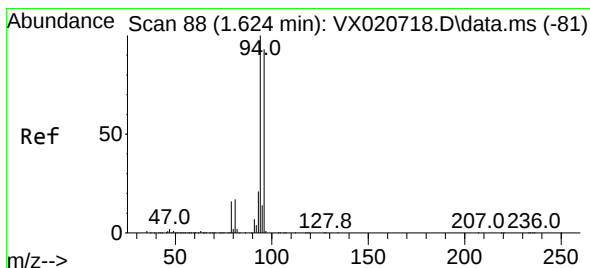
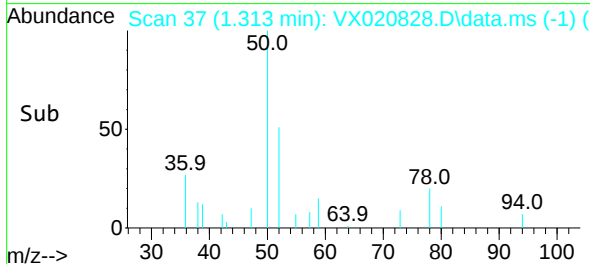
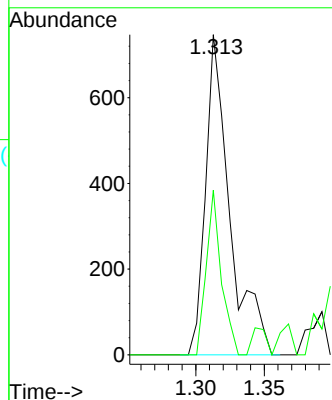
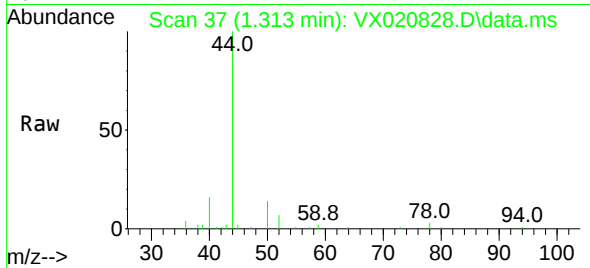




#3
Chloromethane
Concen: 0.25 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX020828.D
Acq: 03 Feb 2021 10:12

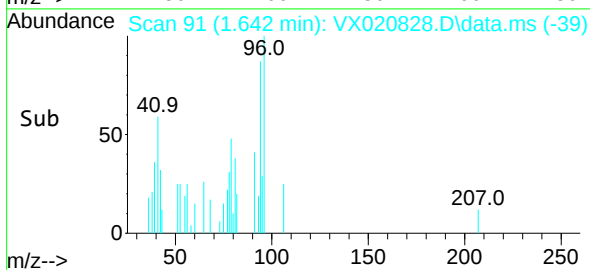
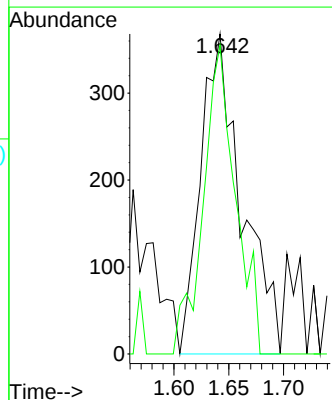
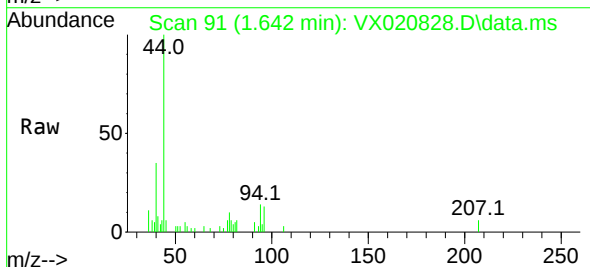
Instrument :
MSVOA_X
ClientSampleId :
VX0203MBL01

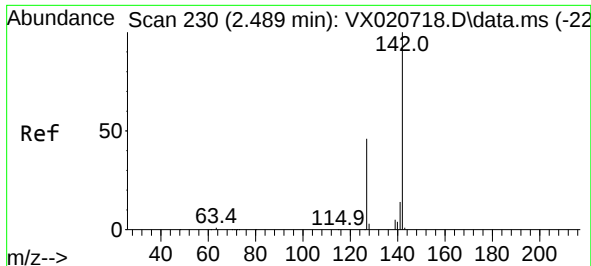
Tgt Ion: 50 Resp: 918
Ion Ratio Lower Upper
50 100
52 51.4 26.4 39.6#



#5
Bromomethane
Concen: 0.54 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX020828.D
Acq: 03 Feb 2021 10:12

Tgt Ion: 94 Resp: 959
Ion Ratio Lower Upper
94 100
96 96.5 76.4 114.6

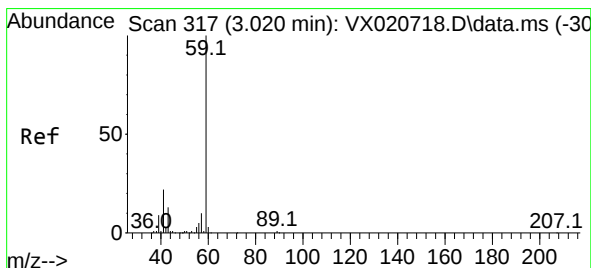
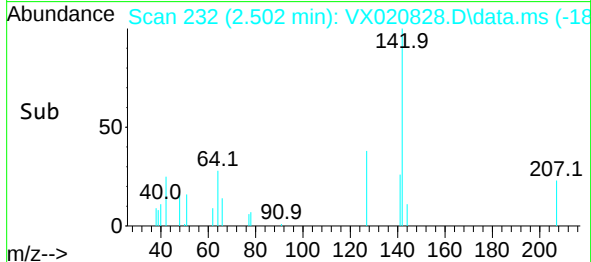
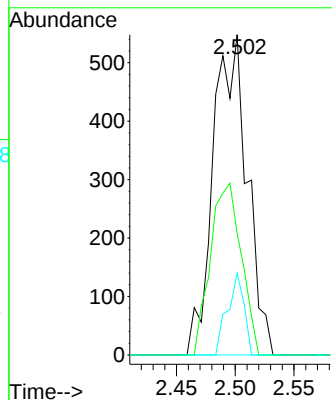
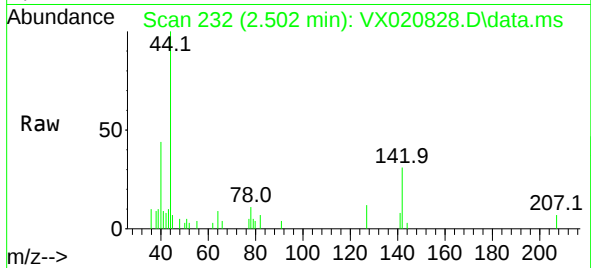




#10
Methyl Iodide
Concen: 0.31 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.013 min
Lab File: VX020828.D
Acq: 03 Feb 2021 10:12

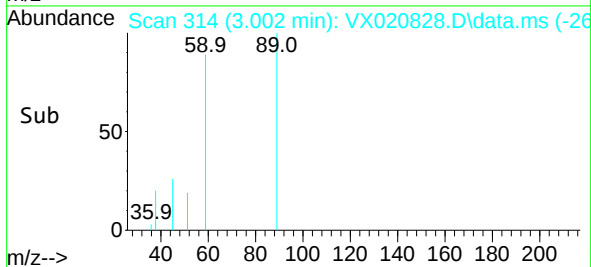
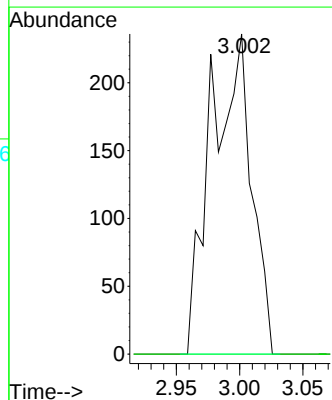
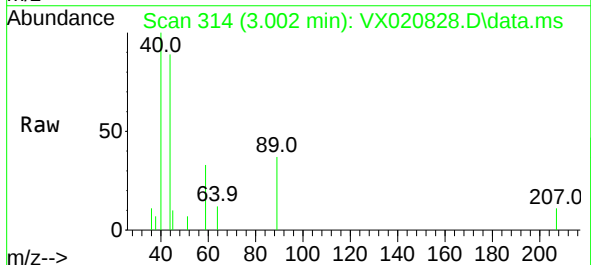
Instrument :
MSVOA_X
ClientSampleId :
VX0203MBL01

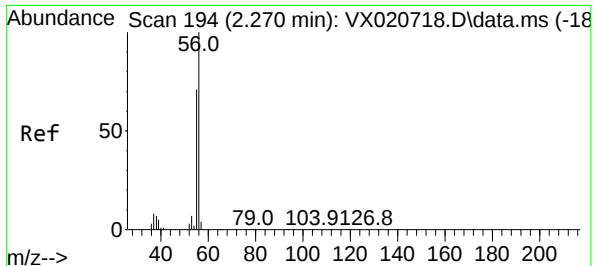
Tgt Ion:142 Resp: 1103
Ion Ratio Lower Upper
142 100
127 48.4 33.3 49.9
141 12.3 11.4 17.0



#11
Tert butyl alcohol
Concen: 0.78 ug/l
RT: 3.002 min Scan# 314
Delta R.T. -0.018 min
Lab File: VX020828.D
Acq: 03 Feb 2021 10:12

Tgt Ion: 59 Resp: 522
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

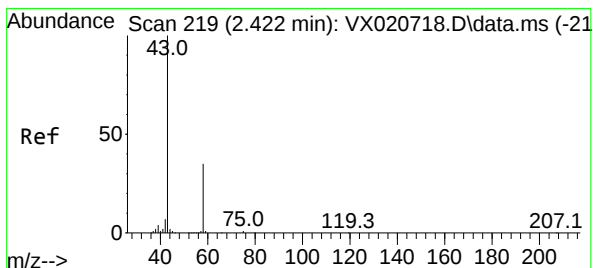
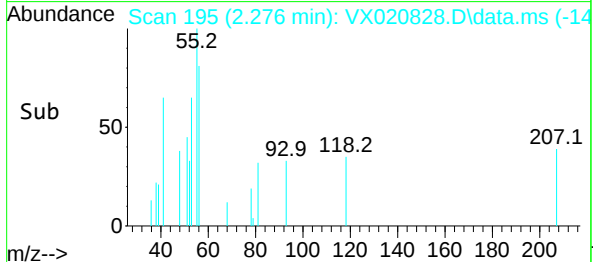
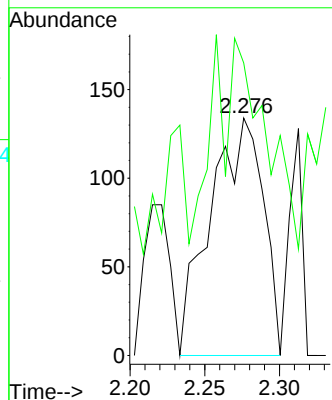
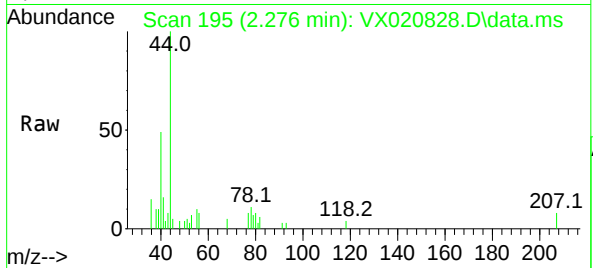




#13
Acrolein
Concen: 0.65 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.006 min
Lab File: VX020828.D
Acq: 03 Feb 2021 10:12

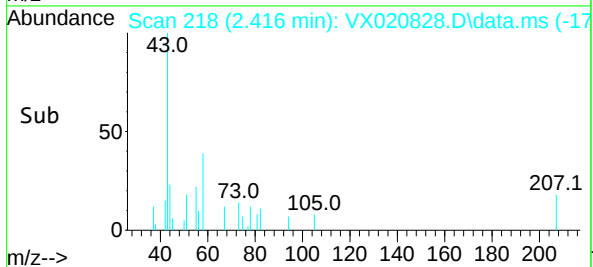
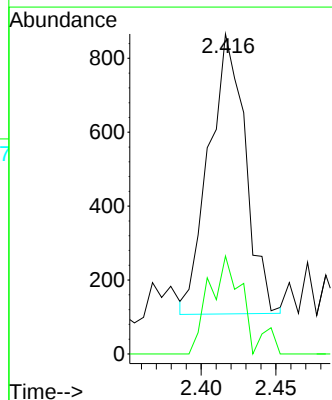
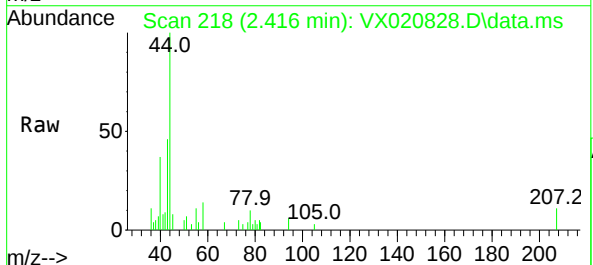
Instrument :
MSVOA_X
ClientSampled :
VX0203MBL01

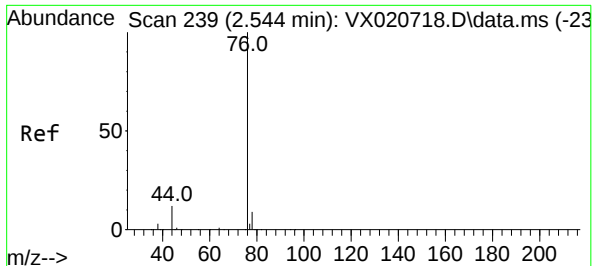
Tgt Ion: 56 Resp: 330
Ion Ratio Lower Upper
56 100
55 24.8 56.4 84.6#



#16
Acetone
Concen: 0.94 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020828.D
Acq: 03 Feb 2021 10:12

Tgt Ion: 43 Resp: 1283
Ion Ratio Lower Upper
43 100
58 35.8 27.8 41.8

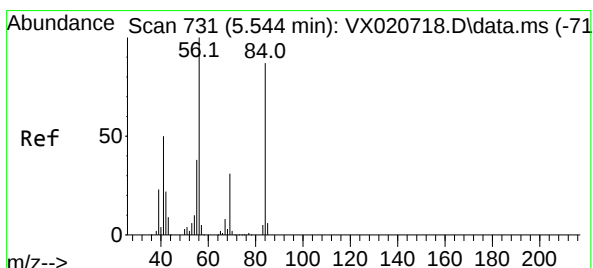
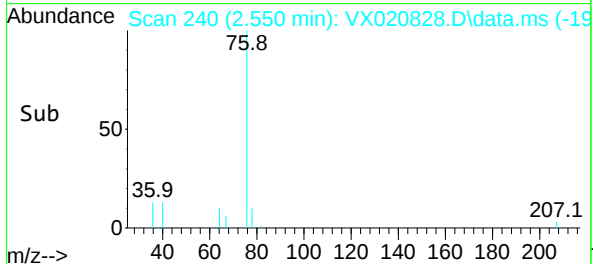
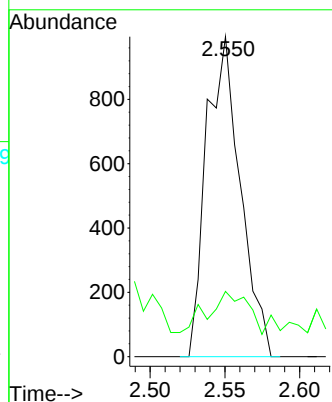
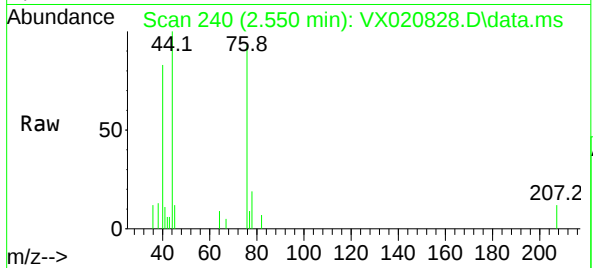




#17
Carbon Disulfide
Concen: 1.09 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020828.D
Acq: 03 Feb 2021 10:12

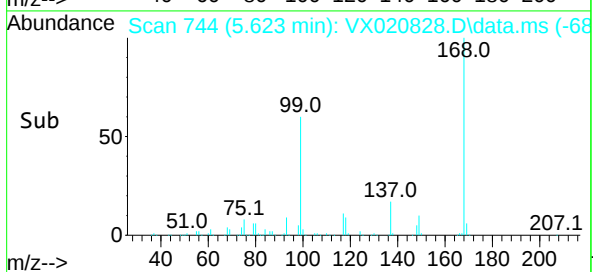
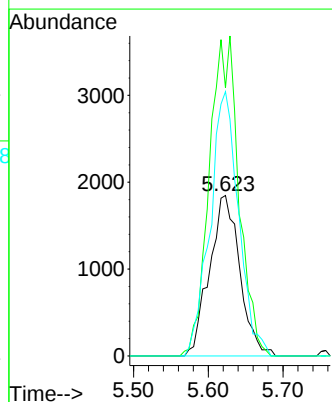
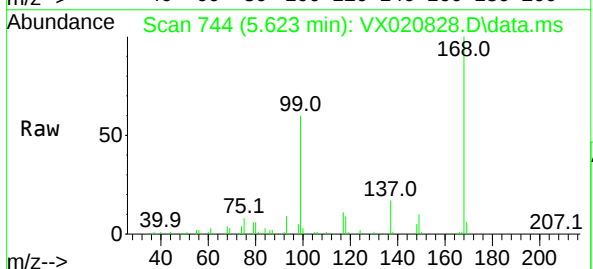
Instrument :
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ClientSampleId :
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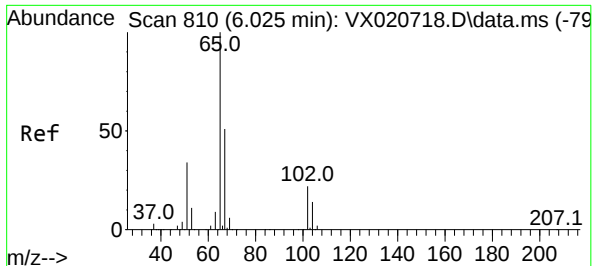
Tgt Ion: 76 Resp: 1567
Ion Ratio Lower Upper
76 100
78 12.9 7.2 10.8#



#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.079 min
Lab File: VX020828.D
Acq: 03 Feb 2021 10:12

Tgt Ion: 56 Resp: 5195
Ion Ratio Lower Upper
56 100
69 166.9 25.3 37.9#
84 164.7 71.4 107.0#

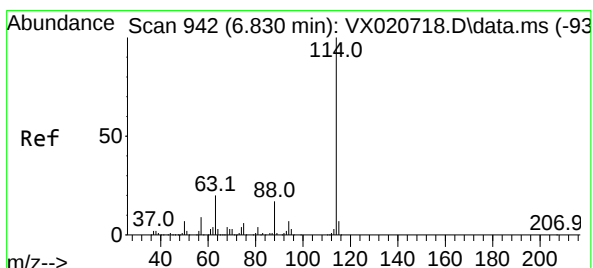
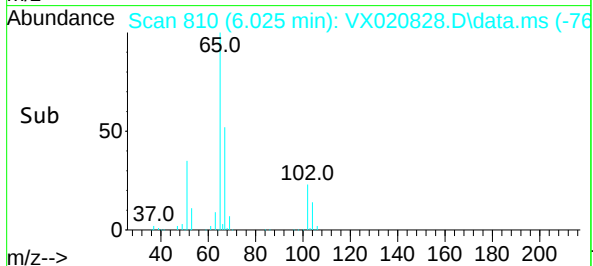
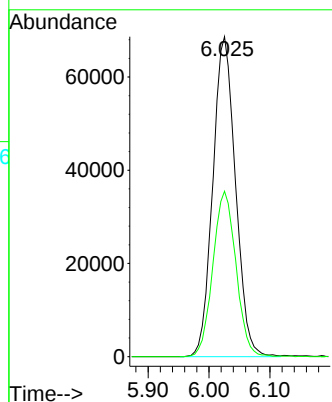
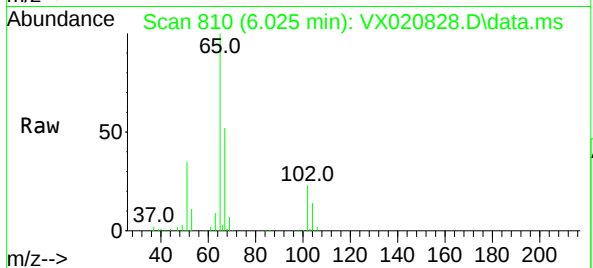




#33
1,2-Dichloroethane-d4
Concen: 49.39 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020828.D
Acq: 03 Feb 2021 10:12

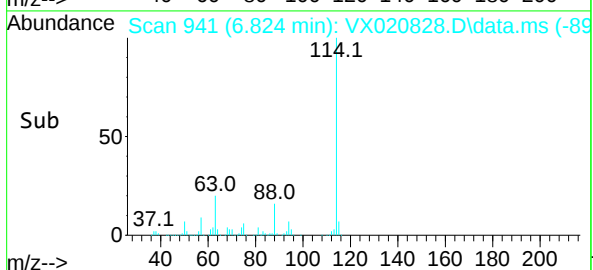
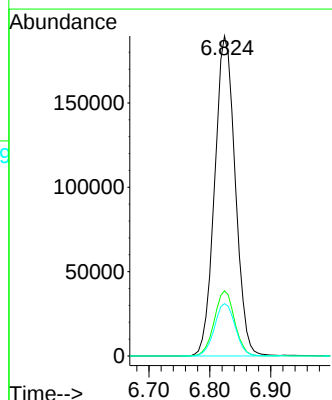
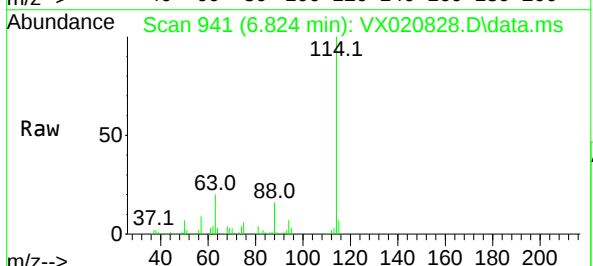
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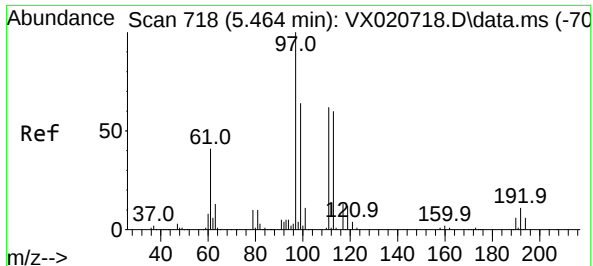
Tgt Ion: 65 Resp: 177728
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.006 min
Lab File: VX020828.D
Acq: 03 Feb 2021 10:12

Tgt Ion: 114 Resp: 444374
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 16.4 0.0 32.8

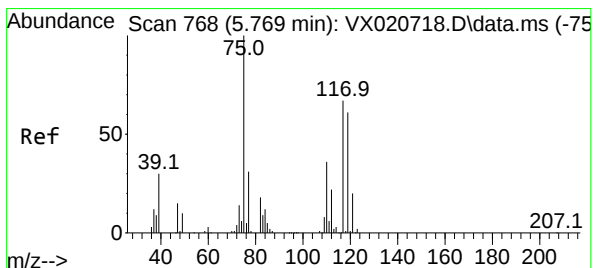
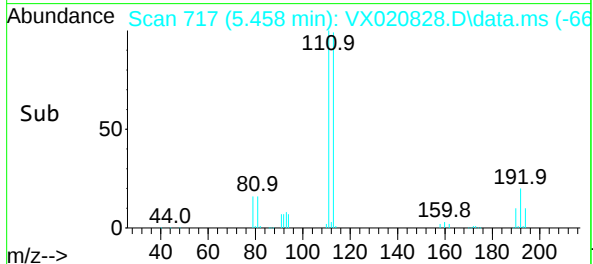
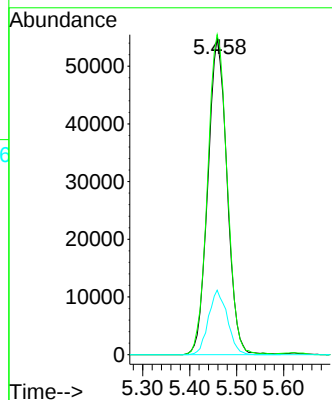
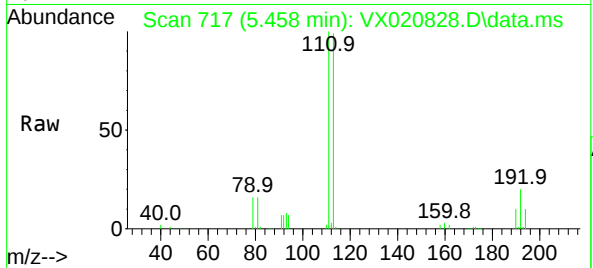




#35
Dibromofluoromethane
Concen: 51.02 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX020828.D
Acq: 03 Feb 2021 10:12

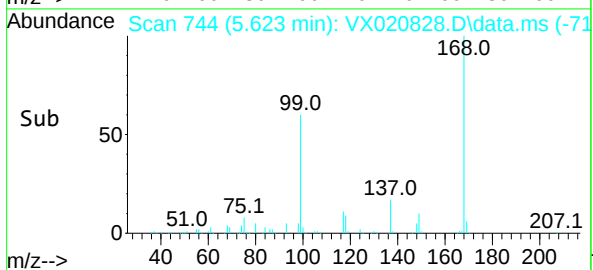
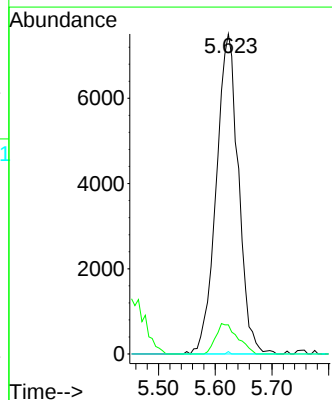
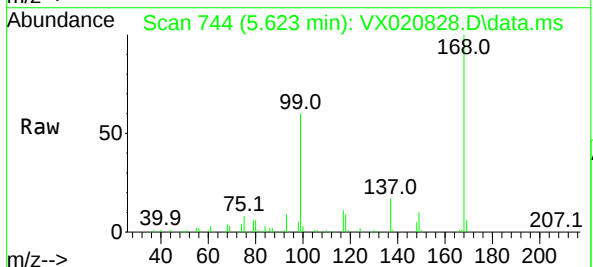
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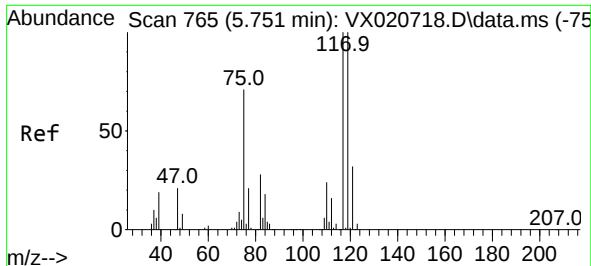
Tgt Ion:113 Resp: 155300
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 20.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.58 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020828.D
Acq: 03 Feb 2021 10:12

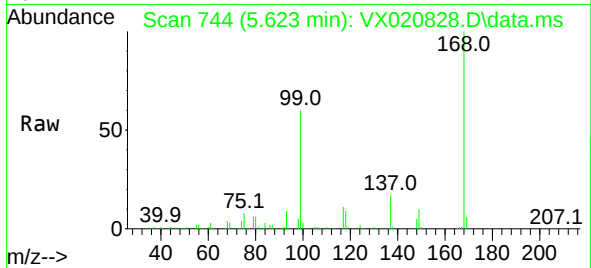
Tgt Ion: 75 Resp: 20408
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.1 25.3 37.9#



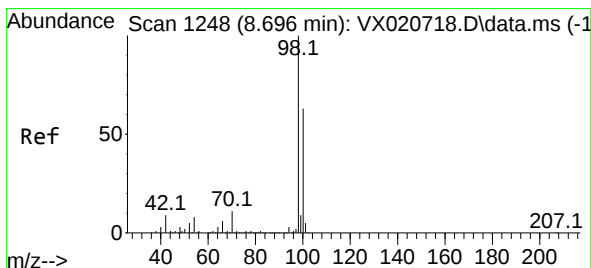
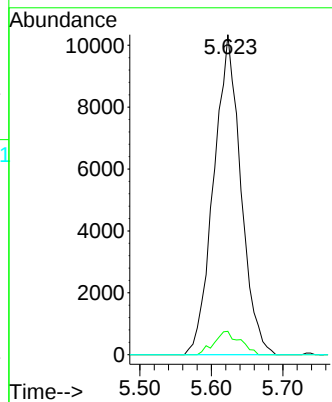
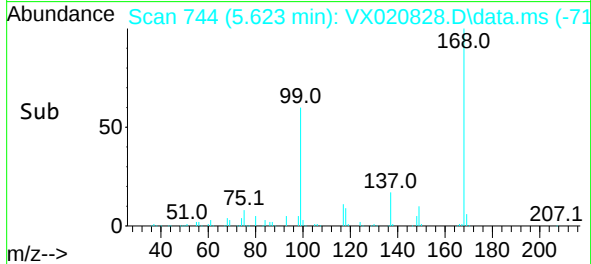


#38
Carbon Tetrachloride
Concen: 5.80 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020828.D
Acq: 03 Feb 2021 10:12

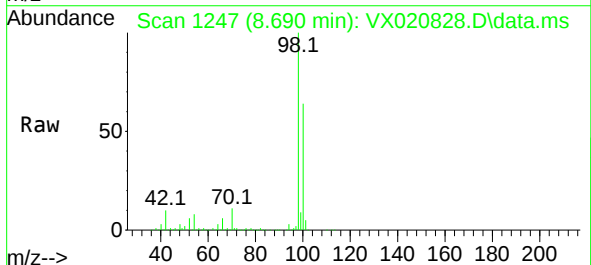
Instrument :
MSVOA_X
ClientSampleId :
VX0203MBL01



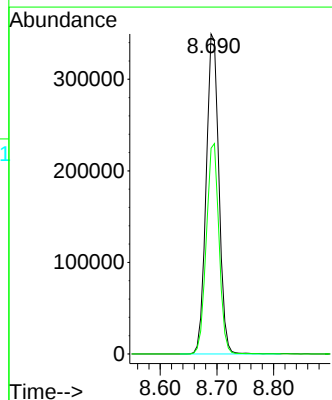
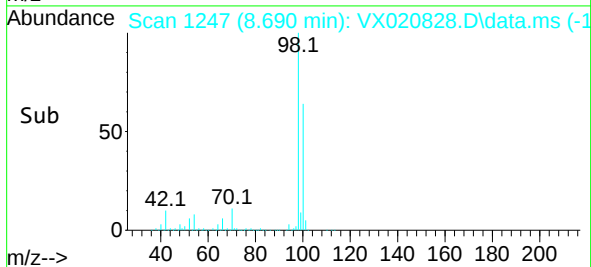
Tgt Ion:117 Resp: 27217
Ion Ratio Lower Upper
117 100
119 7.3 76.2 114.2#
121 0.0 24.8 37.2#

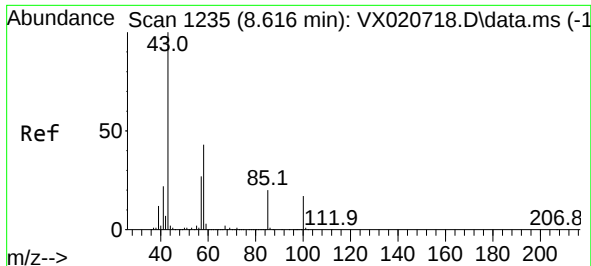


#50
Toluene-d8
Concen: 48.72 ug/l
RT: 8.690 min Scan# 1247
Delta R.T. -0.006 min
Lab File: VX020828.D
Acq: 03 Feb 2021 10:12



Tgt Ion: 98 Resp: 543723
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

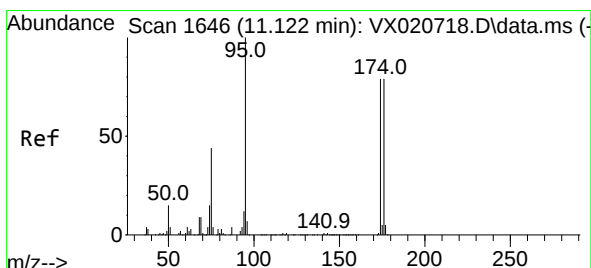
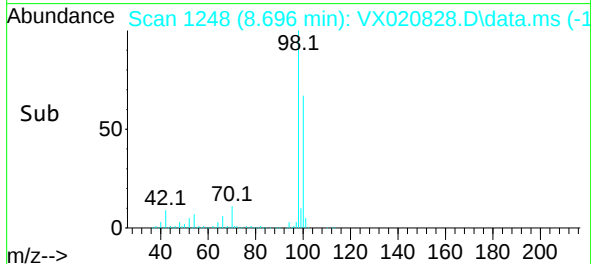
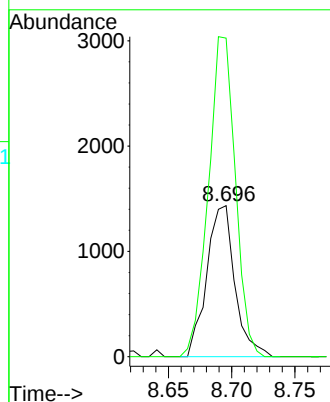
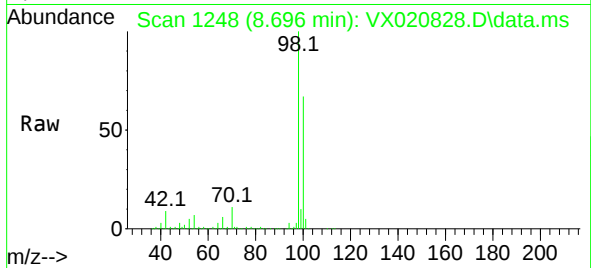




#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020828.D
Acq: 03 Feb 2021 10:12

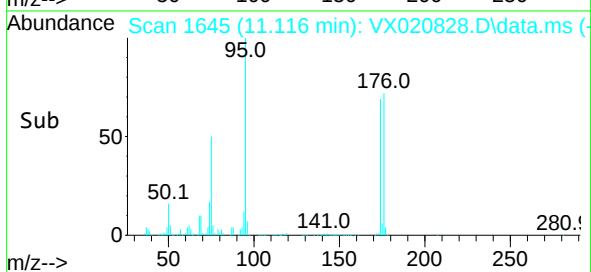
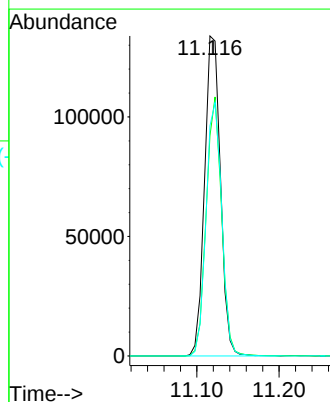
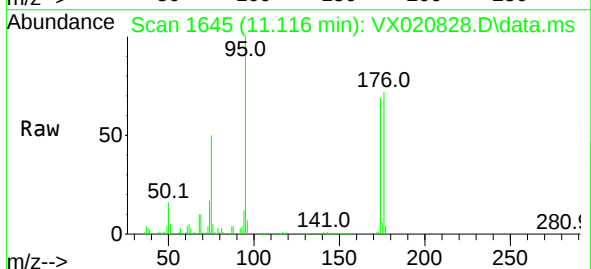
Instrument :
MSVOA_X
ClientSampleId :
VX0203MBL01

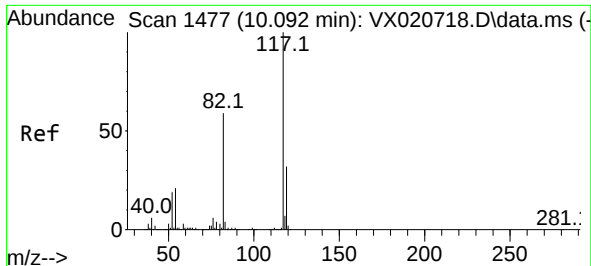
Tgt Ion: 43 Resp: 2217
Ion Ratio Lower Upper
43 100
58 203.7 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 41.49 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.006 min
Lab File: VX020828.D
Acq: 03 Feb 2021 10:12

Tgt Ion: 95 Resp: 179808
Ion Ratio Lower Upper
95 100
174 78.2 0.0 154.6
176 78.6 0.0 155.8

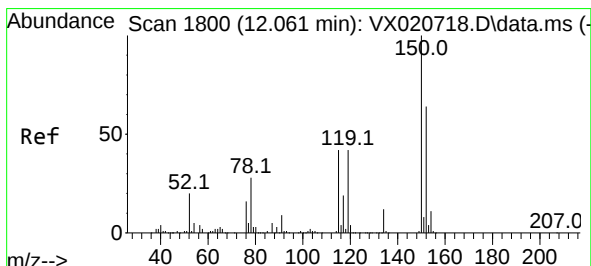
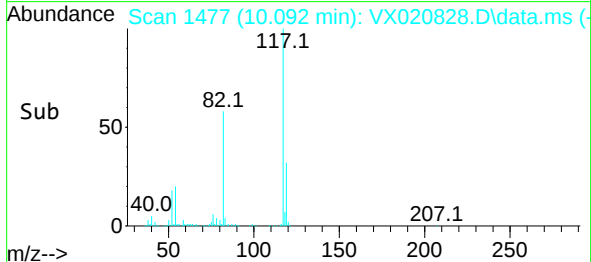
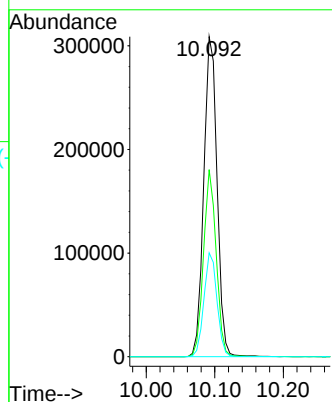
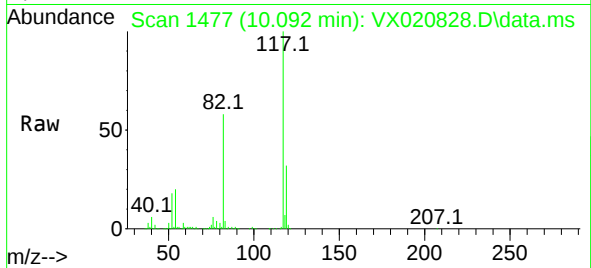




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020828.D
Acq: 03 Feb 2021 10:12

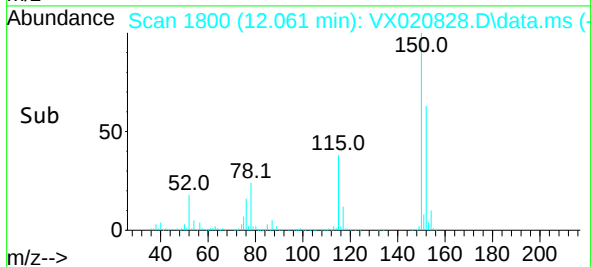
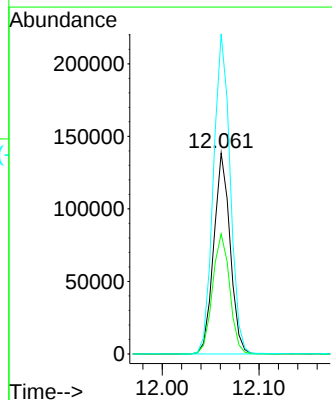
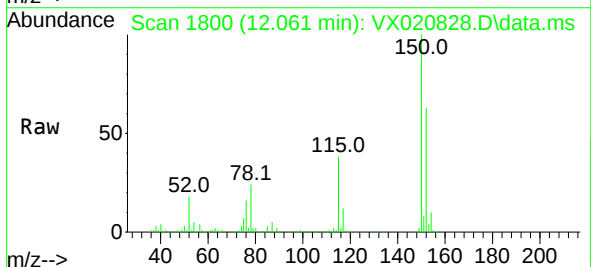
Instrument :
MSVOA_X
ClientSampleId :
VX0203MBL01

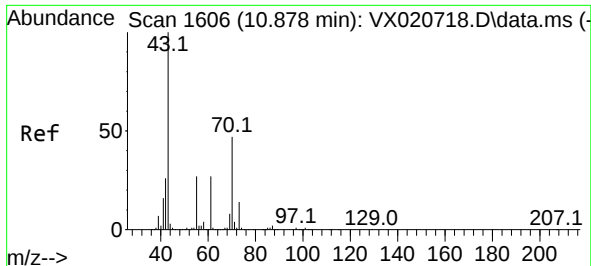
Tgt Ion:117 Resp: 417842
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020828.D
Acq: 03 Feb 2021 10:12

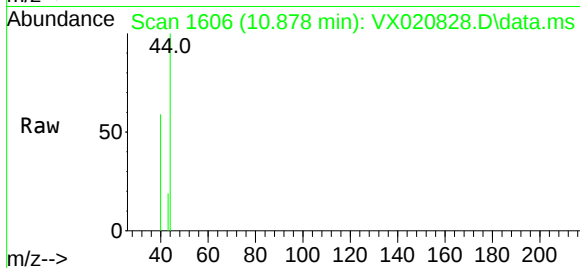
Tgt Ion:152 Resp: 162914
Ion Ratio Lower Upper
152 100
115 62.2 41.1 123.3
150 163.3 0.0 349.0



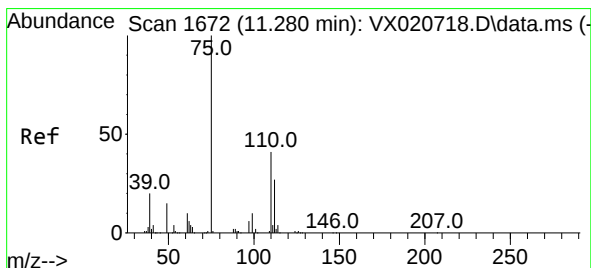
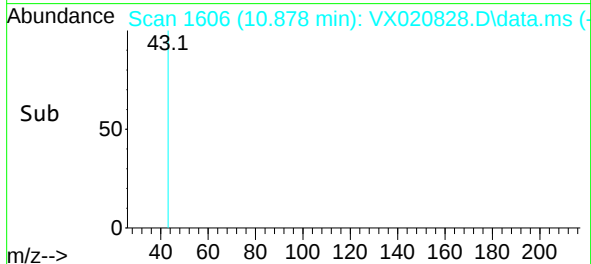
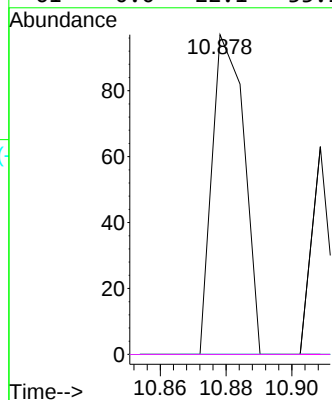


#74
N-amy1 acetate
Concen: 2.03 ug/l
RT: 10.878 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VX020828.D
Acq: 03 Feb 2021 10:12

Instrument :
MSVOA_X
ClientSampleId :
VX0203MBL01

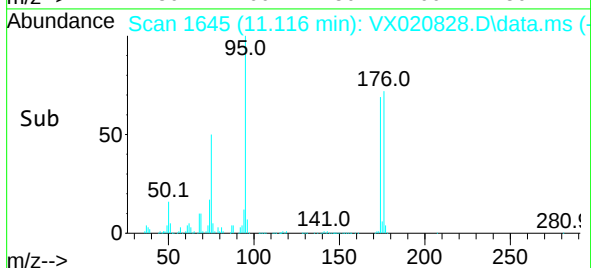
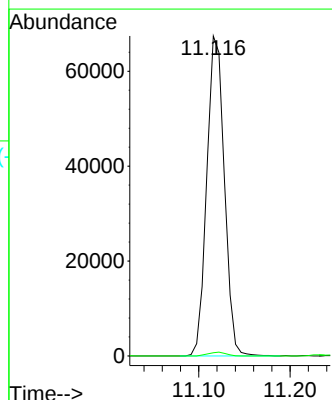
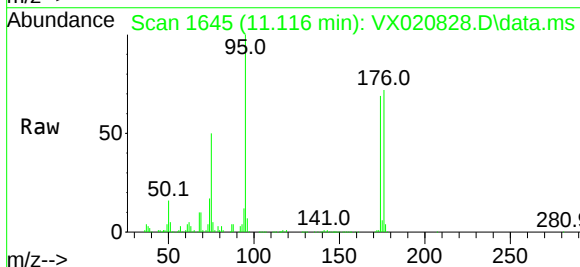


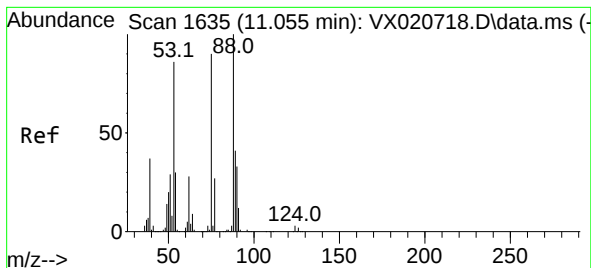
Tgt Ion: 43	Resp: 65
Ion Ratio	Lower Upper
43	100
70	0.0 39.0 58.6#
55	0.0 21.5 32.3#
61	0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 23.77 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020828.D
Acq: 03 Feb 2021 10:12

Tgt Ion: 75	Resp: 89819
Ion Ratio	Lower Upper
75	100
77	1.2 19.1 57.5#

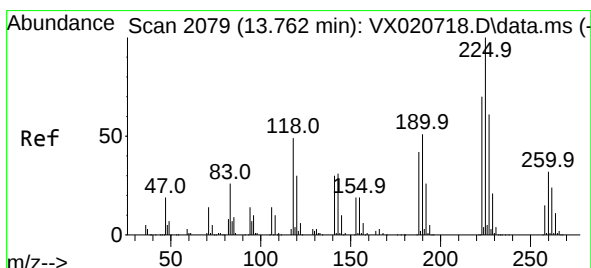
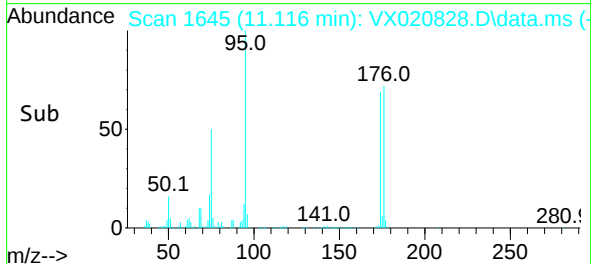
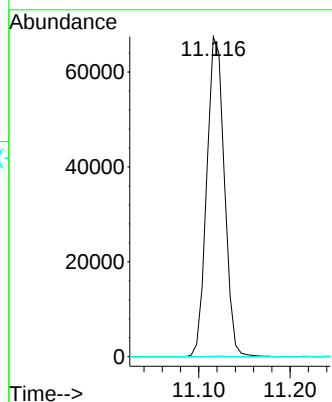
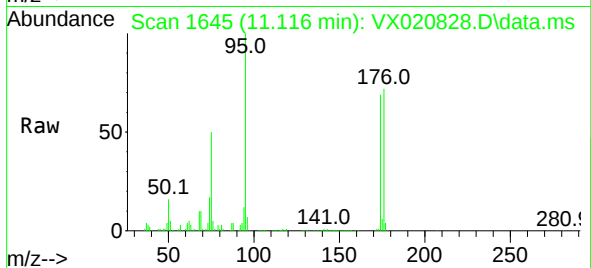




#81
trans-1,4-Dichloro-2-butene
Concen: 66.61 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020828.D
Acq: 03 Feb 2021 10:12

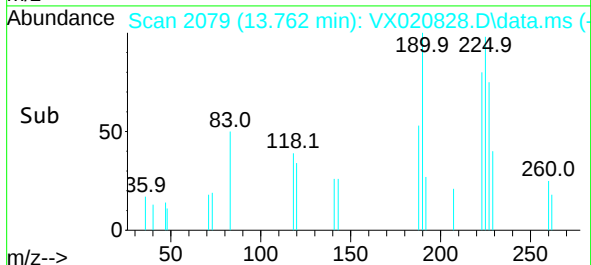
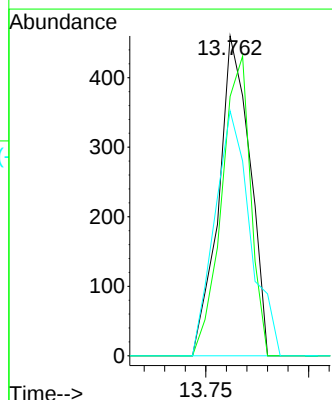
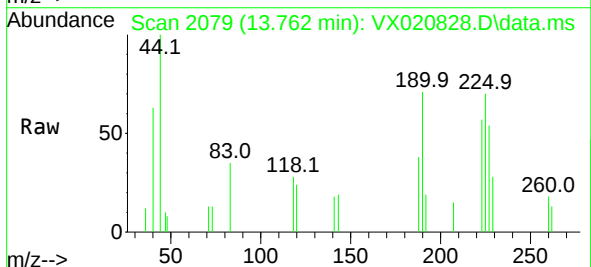
Instrument :
MSVOA_X
ClientSampleId :
VX0203MBL01

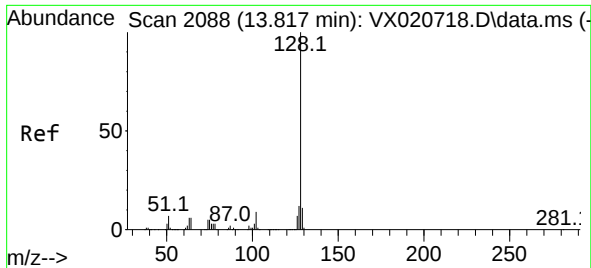
Tgt Ion: 75 Resp: 89819
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 0.30 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.000 min
Lab File: VX020828.D
Acq: 03 Feb 2021 10:12

Tgt Ion: 225 Resp: 487
Ion Ratio Lower Upper
225 100
223 86.2 31.1 93.2
227 86.9 31.6 95.0





#95
Naphthalene
Concen: 2.95 ug/l
RT: 13.811 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VX020828.D
Acq: 03 Feb 2021 10:12

Instrument :
MSVOA_X
ClientSampleId :
VX0203MBL01

Tgt Ion:128 Resp: 1035
Ion Ratio Lower Upper
128 100
127 6.2 10.3 15.5#
129 6.4 8.8 13.2#

