

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013021\
 Data File : VX020816.D
 Acq On : 29 Jan 2021 20:41
 Operator : JC/SP
 Sample : M1296-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW6-GW-203-205

Quant Time: Jan 30 02:39:36 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)

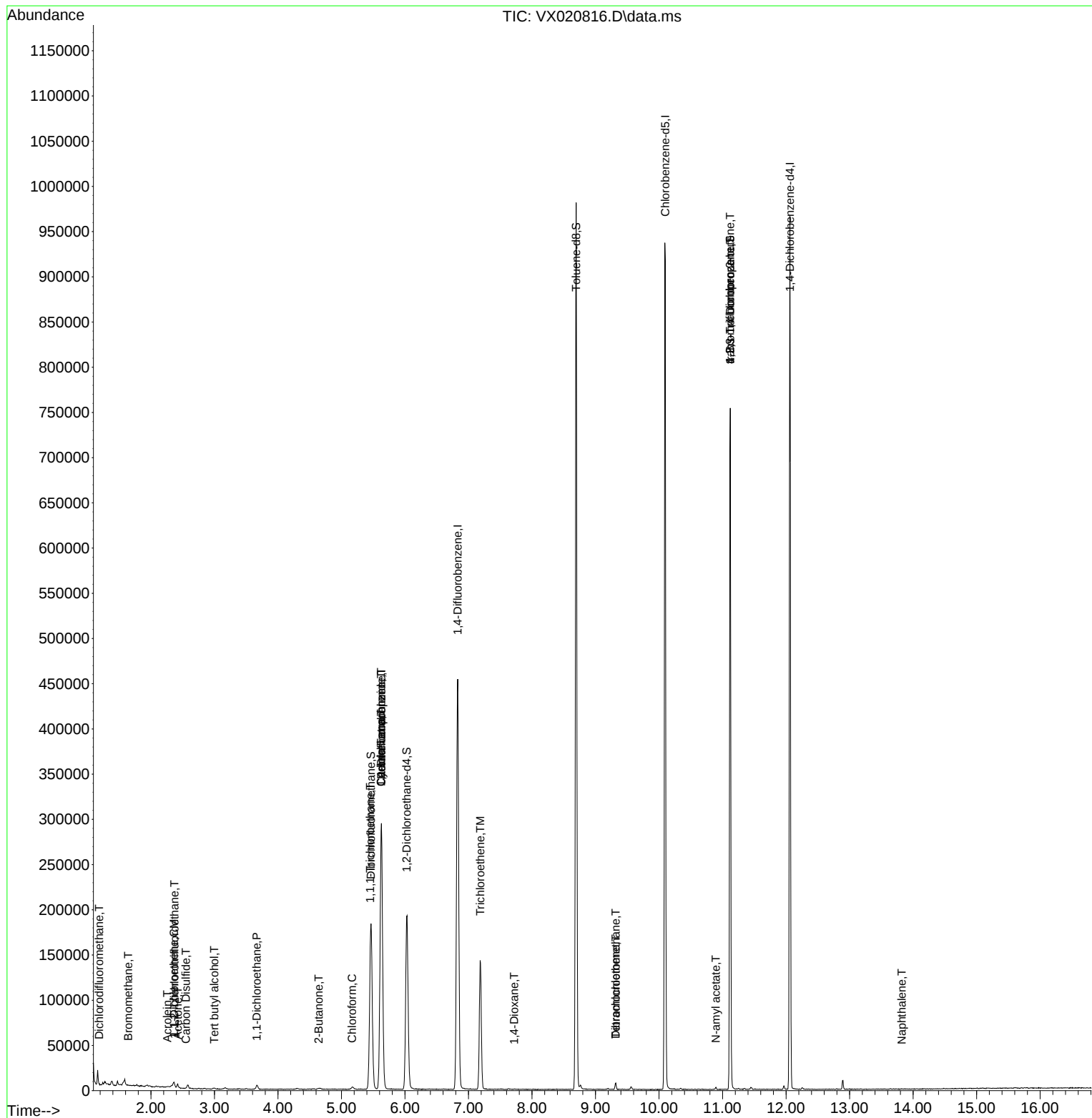
Internal Standards						
1) Pentafluorobenzene	5.629	168	274887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	463426	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	448819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	198540	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	187204	49.93	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.86%		
35) Dibromofluoromethane	5.464	113	160718	50.63	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.26%		
50) Toluene-d8	8.696	98	581092	49.93	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.86%		
62) 4-Bromofluorobenzene	11.122	95	203680	45.07	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.14%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	130	1.23	ug/l #	42
5) Bromomethane	1.642	94	408	0.22	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.367	101	935	0.35	ug/l	89
11) Tert butyl alcohol	2.995	59	801	1.14	ug/l #	73
12) 1,1-Dichloroethene	2.361	96	664	0.25	ug/l #	64
13) Acrolein	2.258	56	228	0.43	ug/l #	66
16) Acetone	2.422	43	4762	3.35	ug/l #	86
17) Carbon Disulfide	2.550	76	506	0.96	ug/l #	75
24) 1,1-Dichloroethane	3.666	63	4691	0.80	ug/l #	95
25) 2-Butanone	4.641	43	613	0.28	ug/l #	86
30) Chloroform	5.166	83	2936	0.49	ug/l #	83
31) Cyclohexane	5.623	56	4920	0.98	ug/l #	1
32) 1,1,1-Trichloroethane	5.452	97	2147	0.41	ug/l #	49
36) 1,1-Dichloropropene	5.623	75	20535	4.42	ug/l #	49
38) Carbon Tetrachloride	5.623	117	27865	5.70	ug/l #	16
44) Trichloroethene	7.184	130	58213	15.97	ug/l	97
49) 1,4-Dioxane	7.720	88	116	1.39	ug/l #	89
60) Dibromochloromethane	9.317	129	1165	0.29	ug/l #	11
64) Tetrachloroethene	9.317	164	1365	0.40	ug/l #	81
74) N-amyl acetate	10.896	43	408	2.08	ug/l #	38
76) 1,2,3-Trichloropropane	11.122	75	100391	21.80	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	100391	61.09	ug/l #	12
95) Naphthalene	13.823	128	241	2.89	ug/l #	69

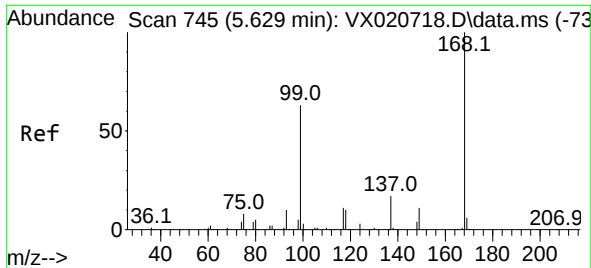
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013021\
Data File : VX020816.D
Acq On : 29 Jan 2021 20:41
Operator : JC/SP
Sample : M1296-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-203-205

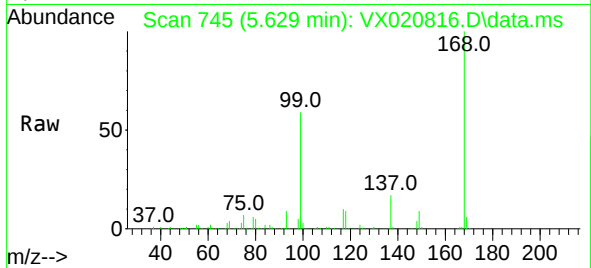
Quant Time: Jan 30 02:39:36 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:38:15 2021
Response via : Initial Calibration



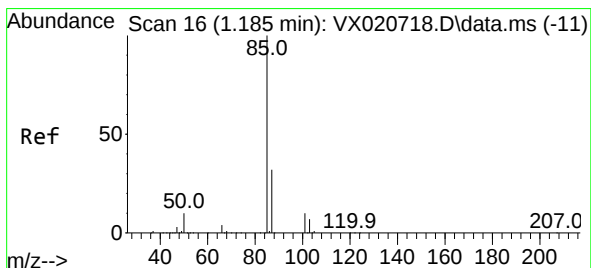
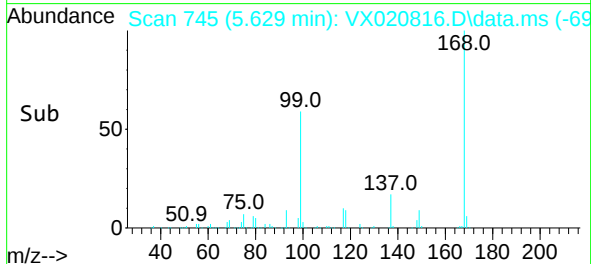
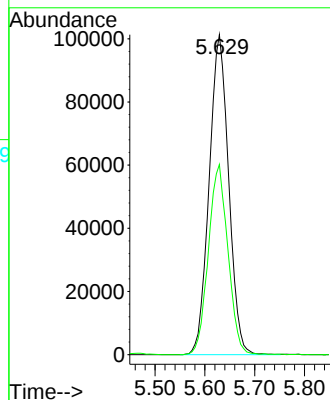


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020816.D
Acq: 29 Jan 2021 20:41

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-203-205

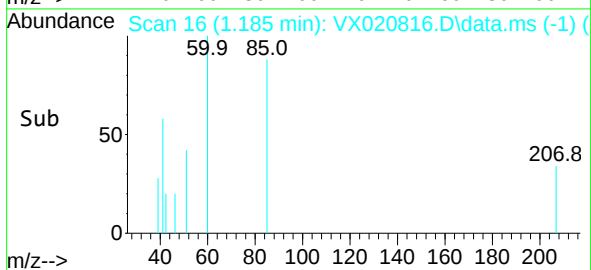
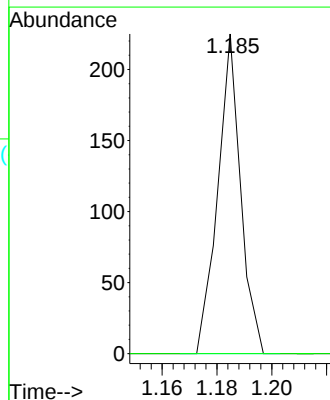
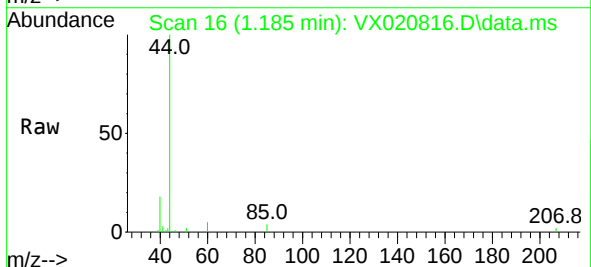


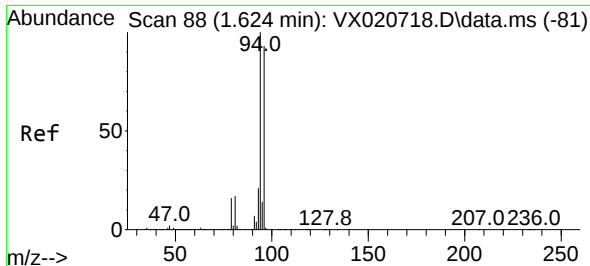
Tgt Ion:168 Resp: 274887
Ion Ratio Lower Upper
168 100
99 59.5 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 1.23 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX020816.D
Acq: 29 Jan 2021 20:41

Tgt Ion: 85 Resp: 130
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#

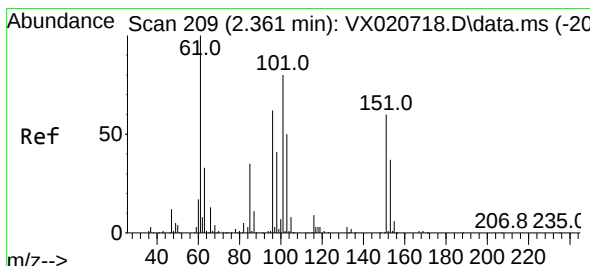
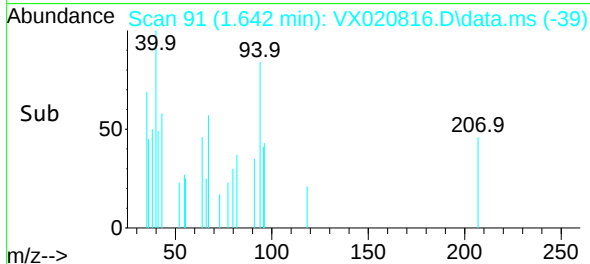
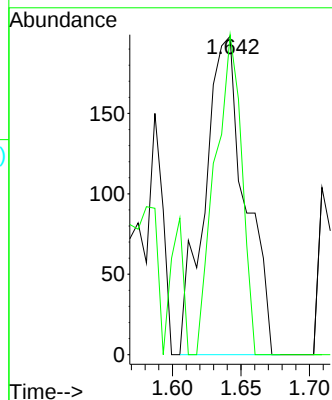
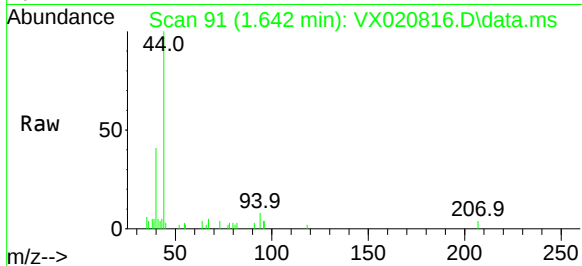




#5
Bromomethane
Concen: 0.22 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX020816.D
Acq: 29 Jan 2021 20:41

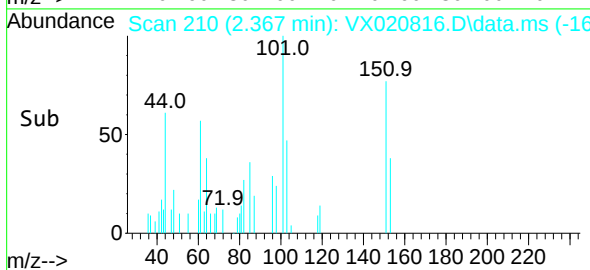
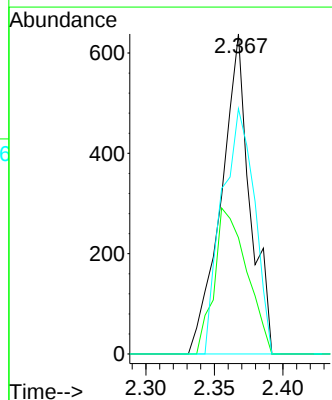
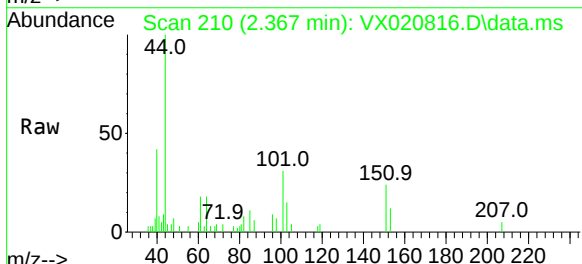
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-203-205

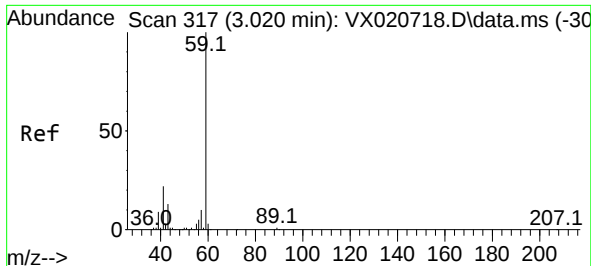
Tgt Ion: 94 Resp: 408
Ion Ratio Lower Upper
94 100
96 100.5 76.4 114.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.35 ug/l
RT: 2.367 min Scan# 210
Delta R.T. 0.006 min
Lab File: VX020816.D
Acq: 29 Jan 2021 20:41

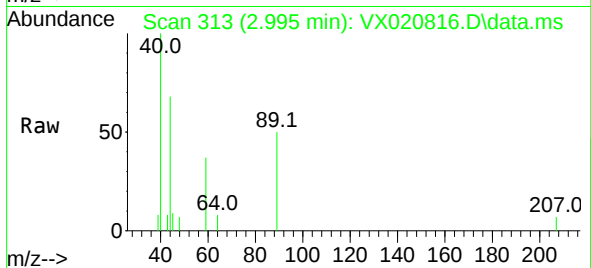
Tgt Ion: 101 Resp: 935
Ion Ratio Lower Upper
101 100
85 51.4 34.9 52.3
151 86.1 61.4 92.2



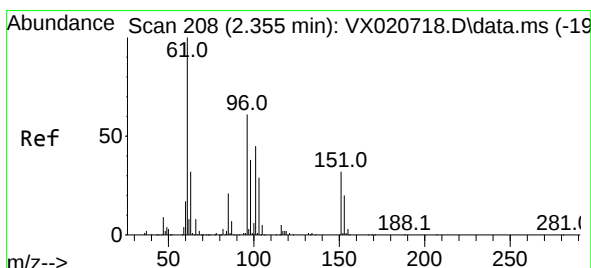
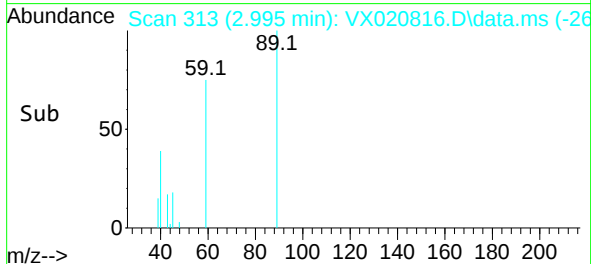
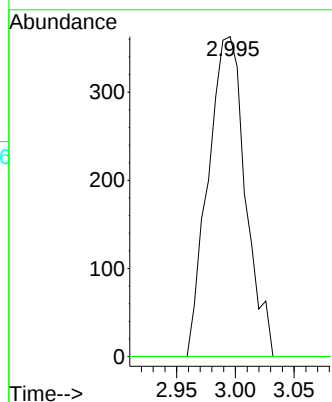


#11
Tert butyl alcohol
Concen: 1.14 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.025 min
Lab File: VX020816.D
Acq: 29 Jan 2021 20:41

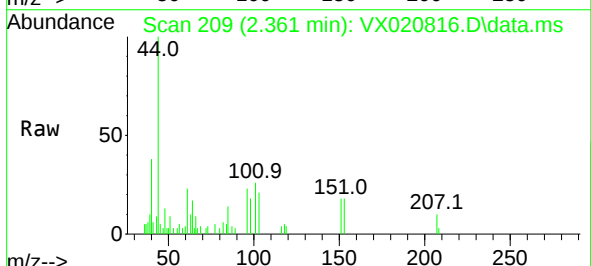
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-203-205



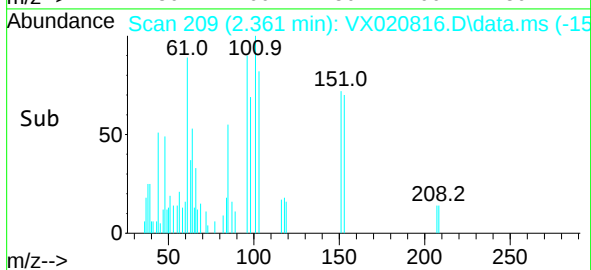
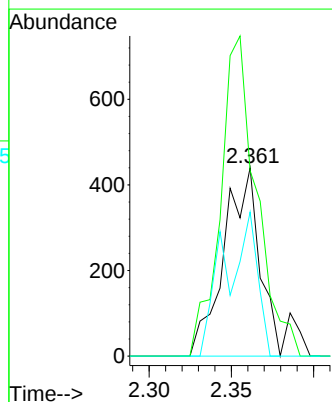
Tgt Ion: 59 Resp: 801
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

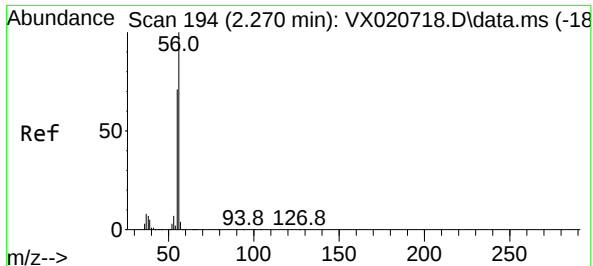


#12
1,1-Dichloroethene
Concen: 0.25 ug/l
RT: 2.361 min Scan# 209
Delta R.T. 0.006 min
Lab File: VX020816.D
Acq: 29 Jan 2021 20:41



Tgt Ion: 96 Resp: 664
Ion Ratio Lower Upper
96 100
61 98.4 124.6 187.0#
98 76.6 50.6 76.0#

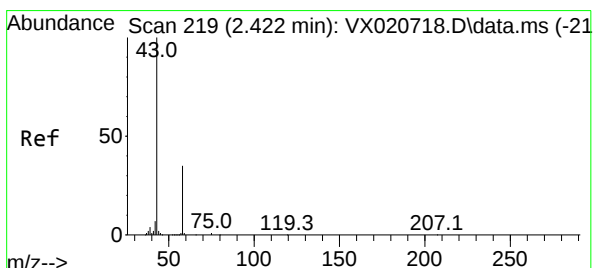
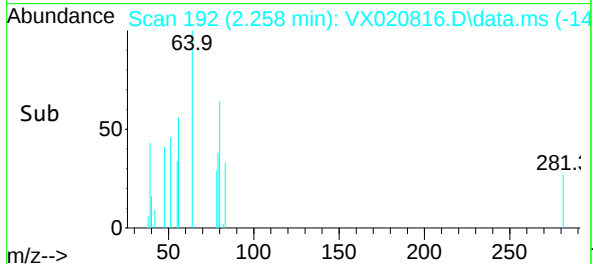
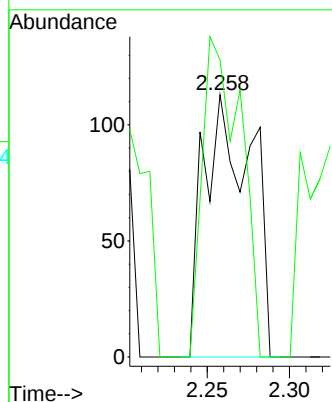
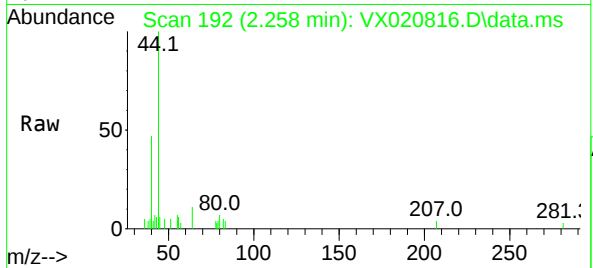




#13
Acrolein
Concen: 0.43 ug/l
RT: 2.258 min Scan# 192
Delta R.T. -0.012 min
Lab File: VX020816.D
Acq: 29 Jan 2021 20:41

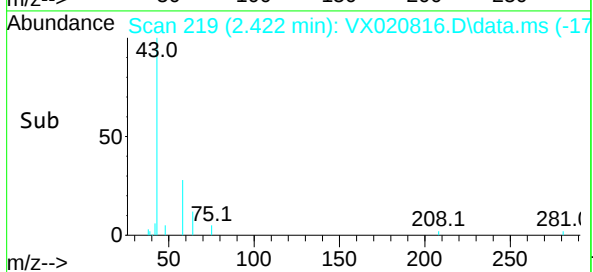
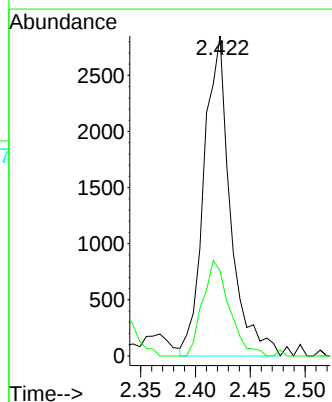
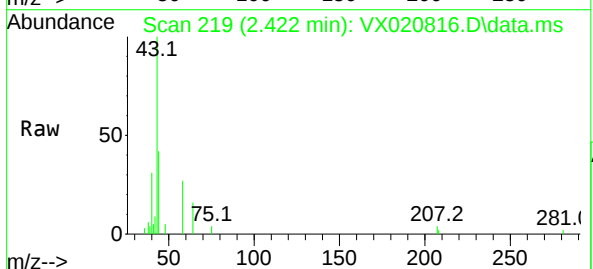
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-203-205

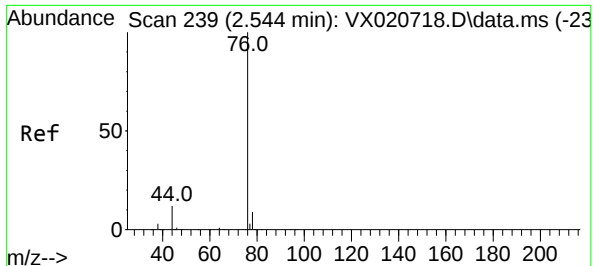
Tgt Ion: 56 Resp: 228
Ion Ratio Lower Upper
56 100
55 98.2 56.4 84.6#



#16
Acetone
Concen: 3.35 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX020816.D
Acq: 29 Jan 2021 20:41

Tgt Ion: 43 Resp: 4762
Ion Ratio Lower Upper
43 100
58 26.6 27.8 41.8#

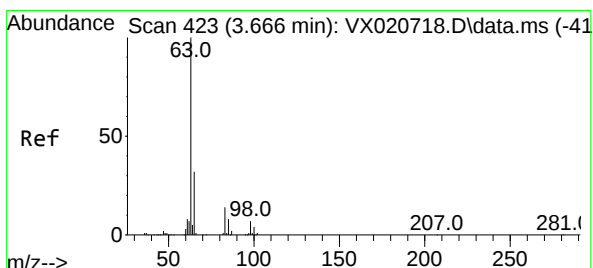
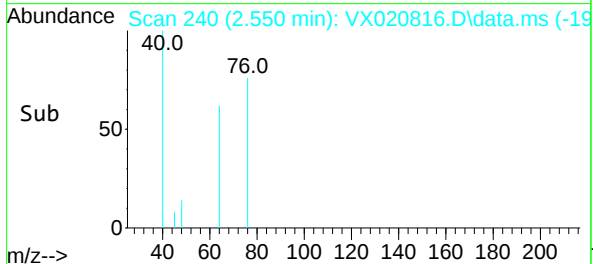
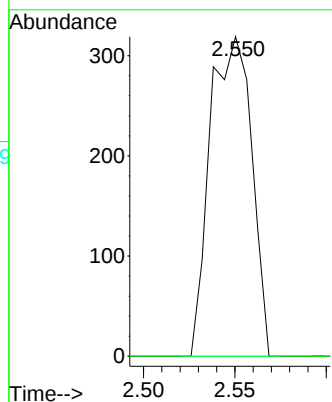
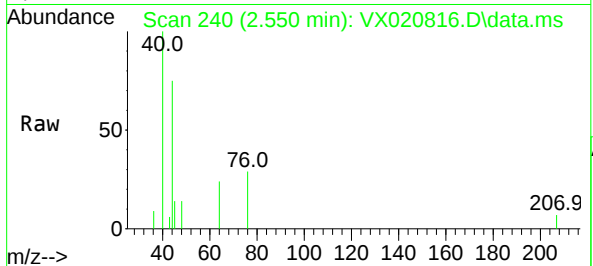




#17
Carbon Disulfide
Concen: 0.96 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020816.D
Acq: 29 Jan 2021 20:41

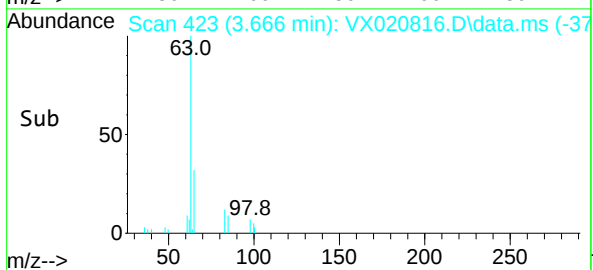
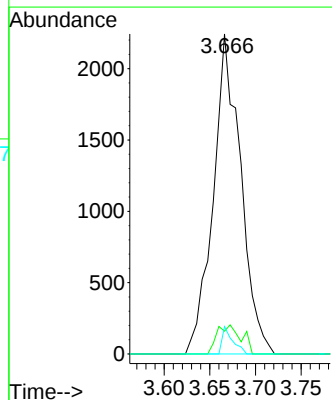
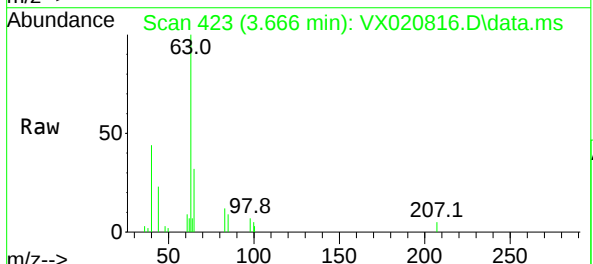
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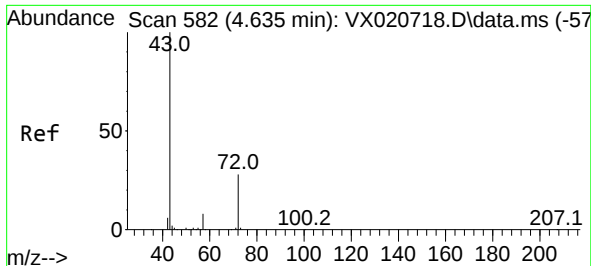
Tgt Ion: 76 Resp: 506
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#24
1,1-Dichloroethane
Concen: 0.80 ug/l
RT: 3.666 min Scan# 423
Delta R.T. 0.000 min
Lab File: VX020816.D
Acq: 29 Jan 2021 20:41

Tgt Ion: 63 Resp: 4691
Ion Ratio Lower Upper
63 100
98 7.1 3.8 11.2
100 8.6 2.5 7.5#

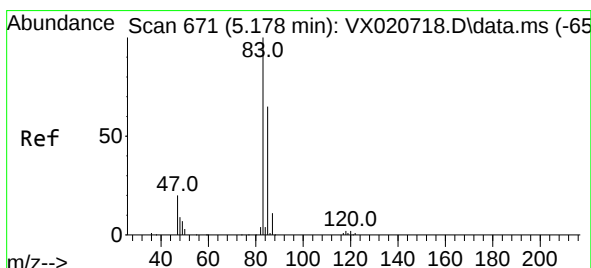
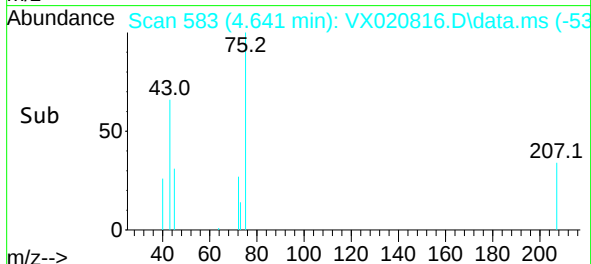
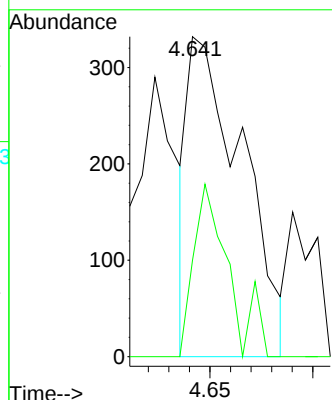
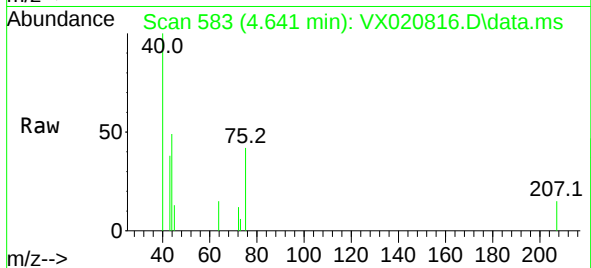




#25
2-Butanone
Concen: 0.28 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.006 min
Lab File: VX020816.D
Acq: 29 Jan 2021 20:41

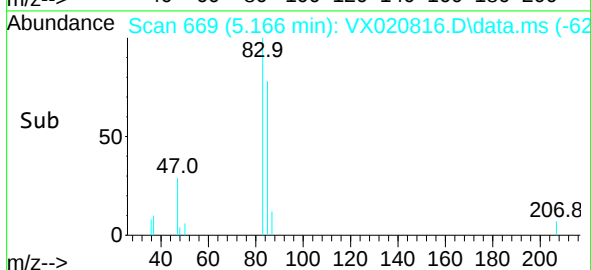
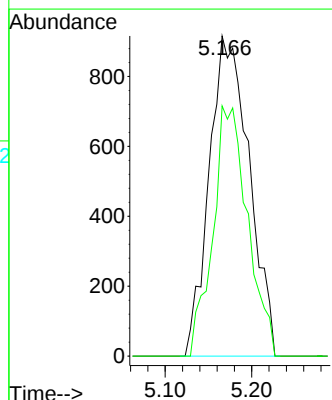
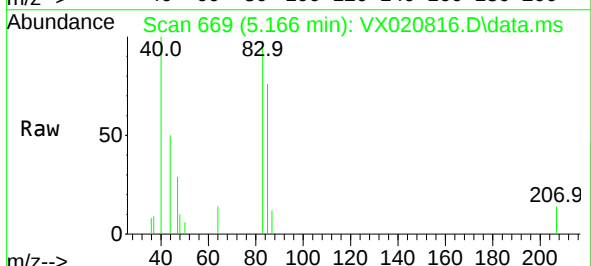
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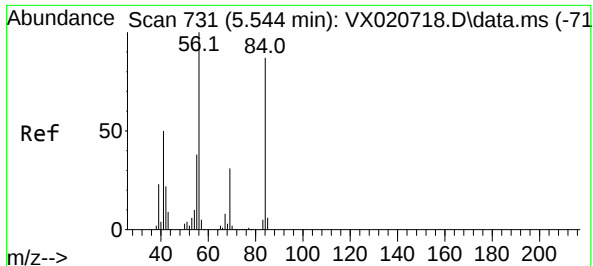
Tgt Ion: 43 Resp: 613
Ion Ratio Lower Upper
43 100
72 37.0 23.7 35.5#



#30
Chloroform
Concen: 0.49 ug/l
RT: 5.166 min Scan# 669
Delta R.T. -0.012 min
Lab File: VX020816.D
Acq: 29 Jan 2021 20:41

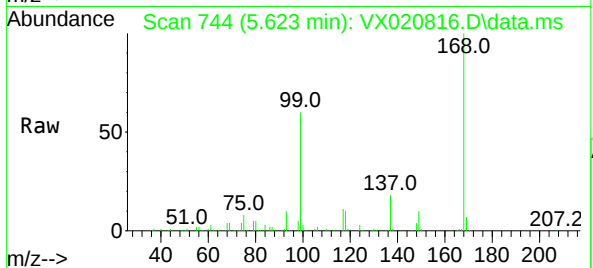
Tgt Ion: 83 Resp: 2936
Ion Ratio Lower Upper
83 100
85 78.2 52.0 78.0#



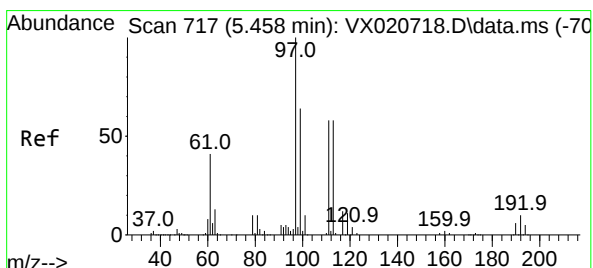
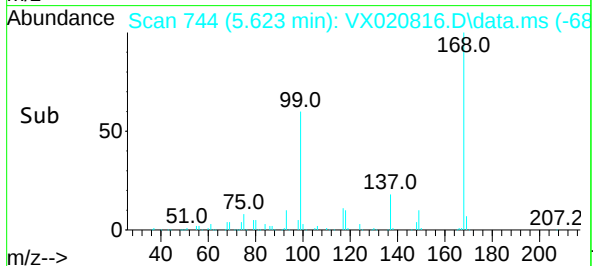
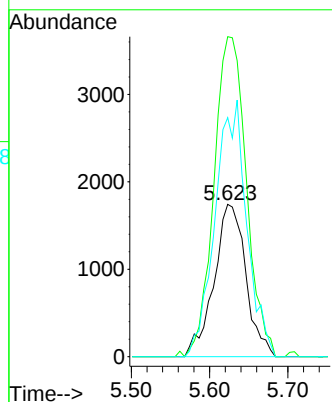


#31
Cyclohexane
Concen: 0.98 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.079 min
Lab File: VX020816.D
Acq: 29 Jan 2021 20:41

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-203-205

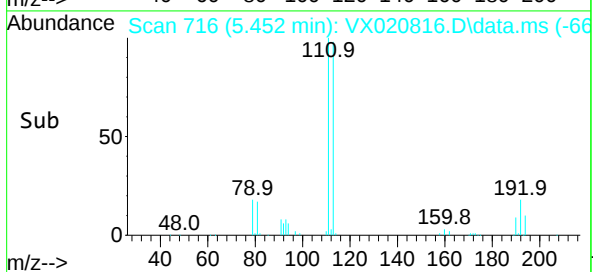
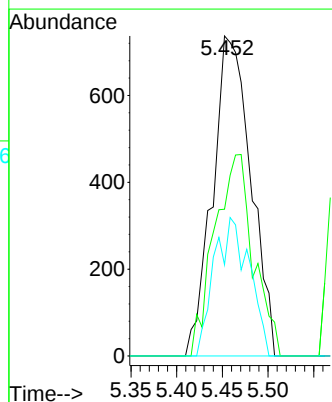
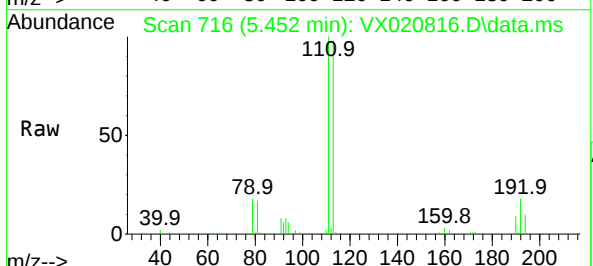


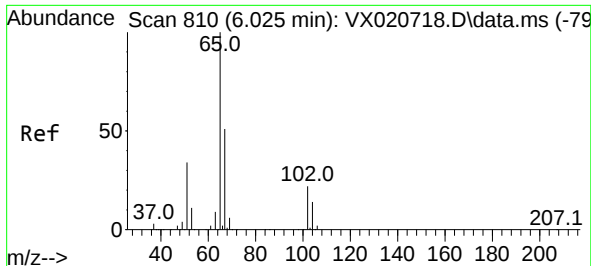
Tgt Ion: 56 Resp: 4920
Ion Ratio Lower Upper
56 100
69 210.2 25.3 37.9#
84 156.9 71.4 107.0#



#32
1,1,1-Trichloroethane
Concen: 0.41 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX020816.D
Acq: 29 Jan 2021 20:41

Tgt Ion: 97 Resp: 2147
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3#
61 39.7 34.2 51.4

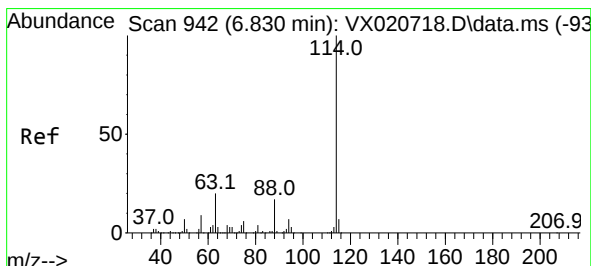
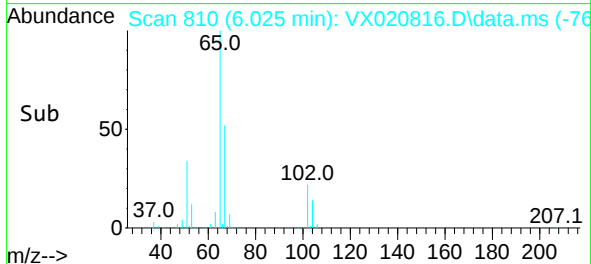
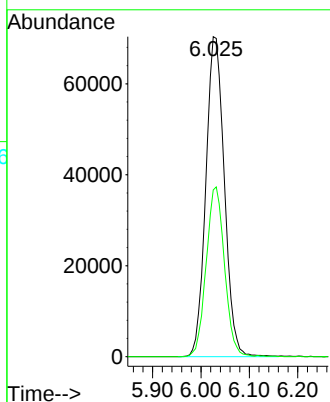
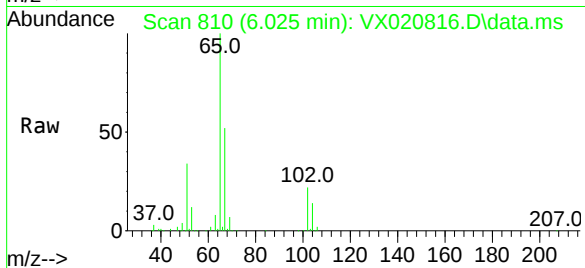




#33
1,2-Dichloroethane-d4
Concen: 49.93 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020816.D
Acq: 29 Jan 2021 20:41

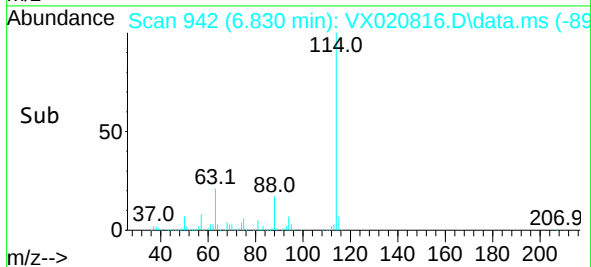
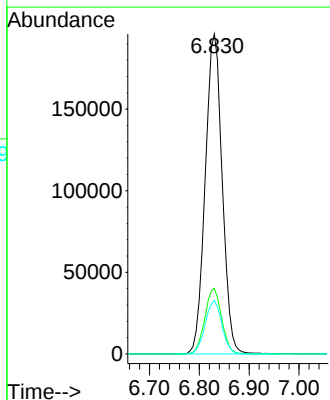
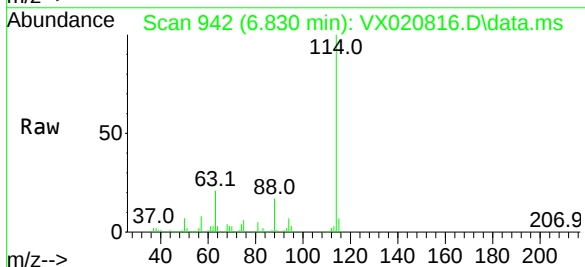
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-203-205

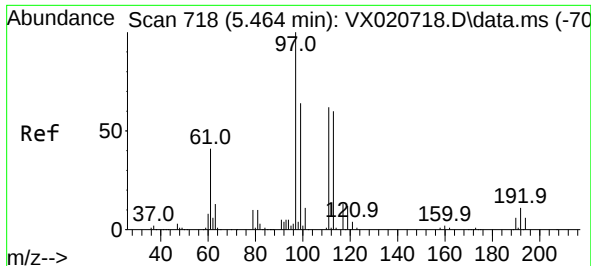
Tgt Ion: 65 Resp: 187204
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020816.D
Acq: 29 Jan 2021 20:41

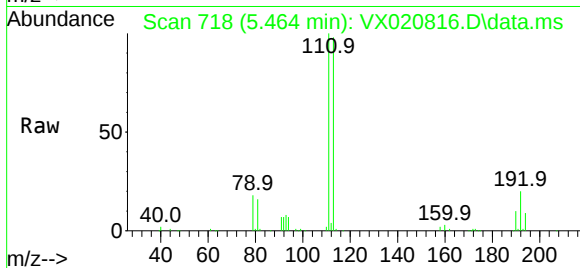
Tgt Ion: 114 Resp: 463426
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 16.8 0.0 32.8



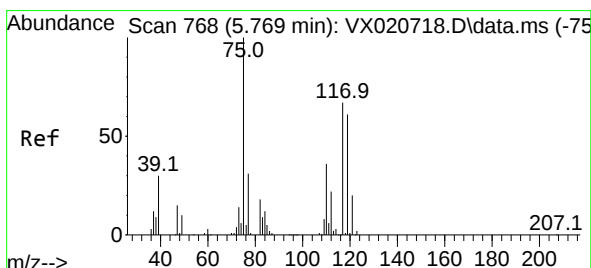
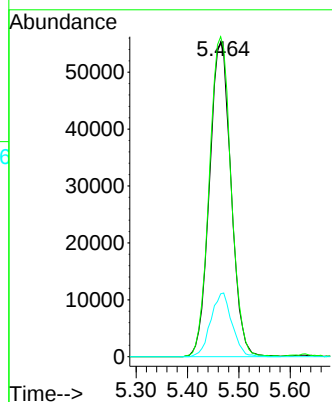
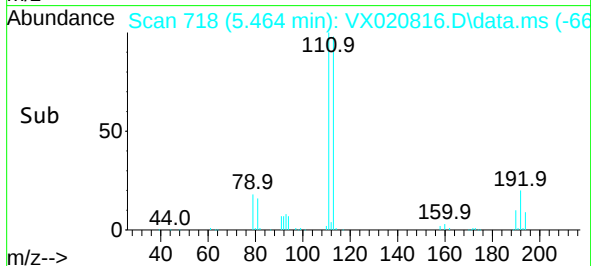


#35
Dibromofluoromethane
Concen: 50.63 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX020816.D
Acq: 29 Jan 2021 20:41

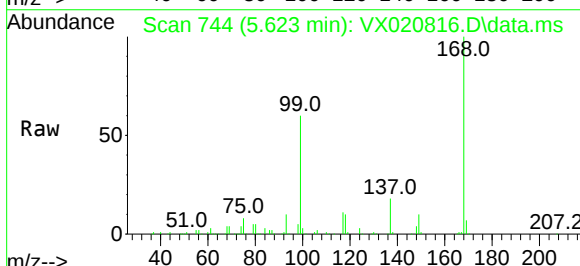
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-203-205



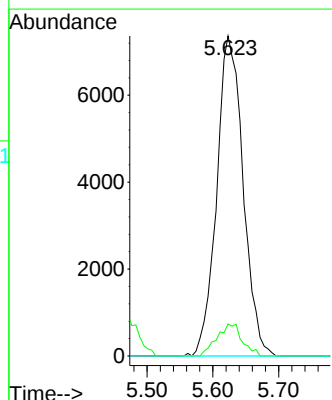
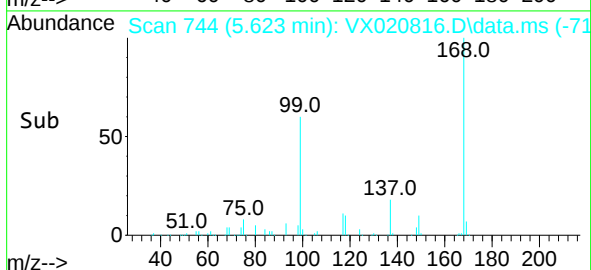
Tgt Ion:113 Resp: 160718
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 19.9 16.7 25.1

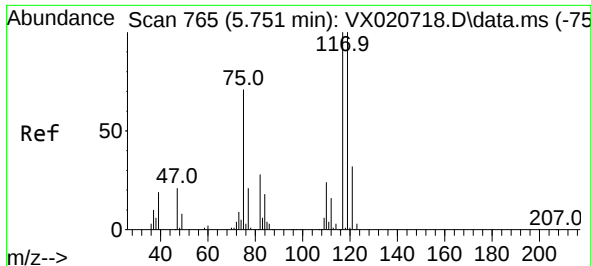


#36
1,1-Dichloropropene
Concen: 4.42 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020816.D
Acq: 29 Jan 2021 20:41



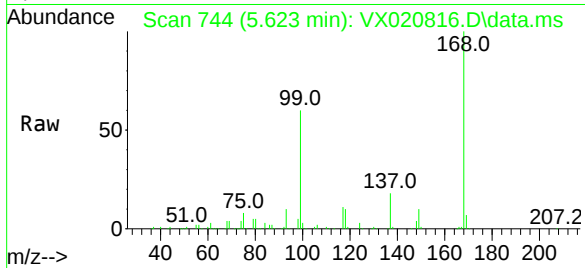
Tgt Ion: 75 Resp: 20535
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.0 25.3 37.9#



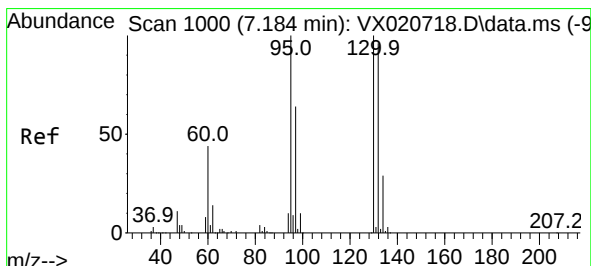
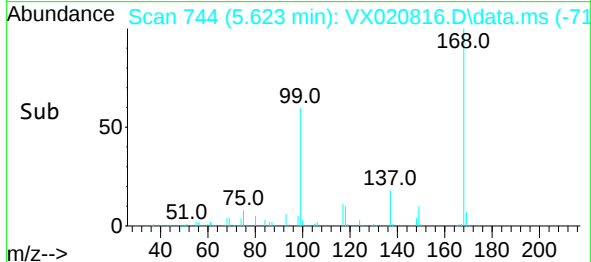
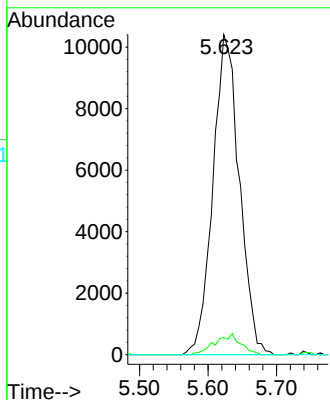


#38
Carbon Tetrachloride
Concen: 5.70 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020816.D
Acq: 29 Jan 2021 20:41

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-203-205

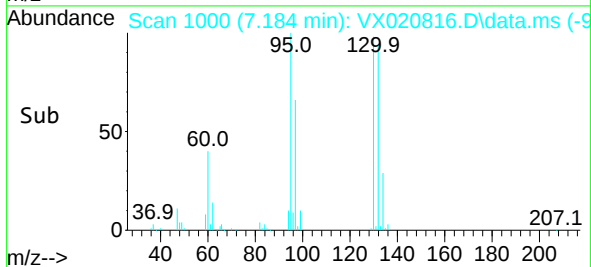
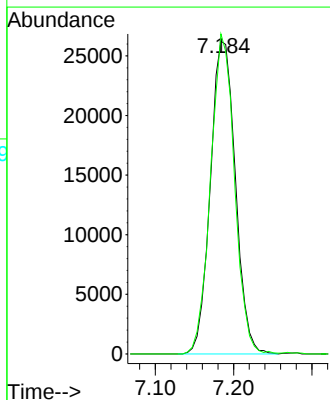
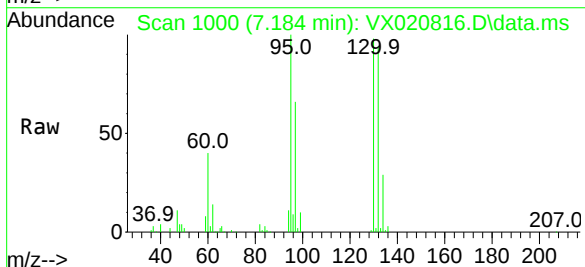


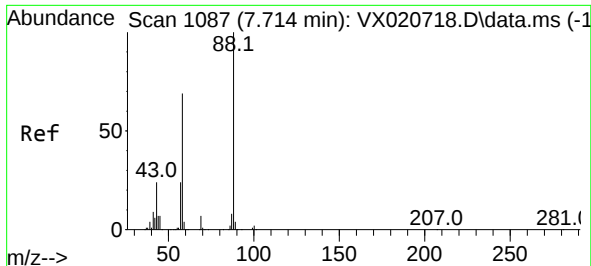
Tgt Ion:117 Resp: 27865
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 15.97 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020816.D
Acq: 29 Jan 2021 20:41

Tgt Ion:130 Resp: 58213
Ion Ratio Lower Upper
130 100
95 102.3 0.0 198.0

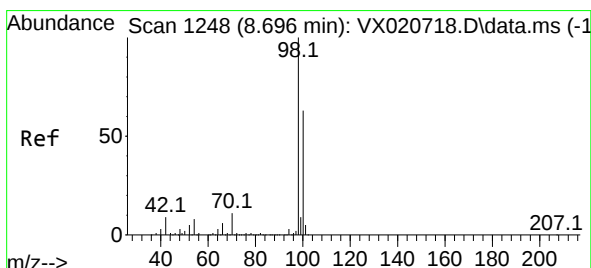
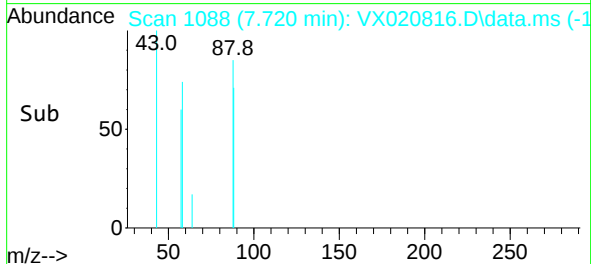
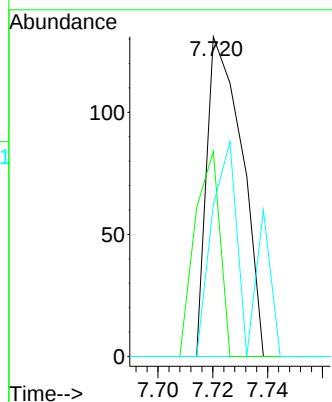
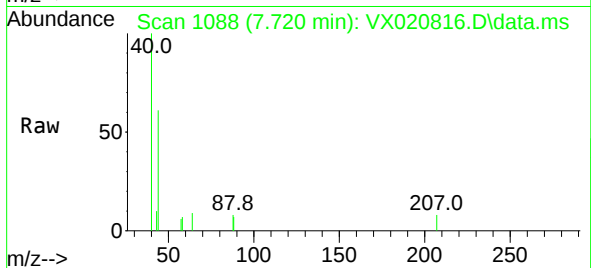




#49
1,4-Dioxane
Concen: 1.39 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VX020816.D
Acq: 29 Jan 2021 20:41

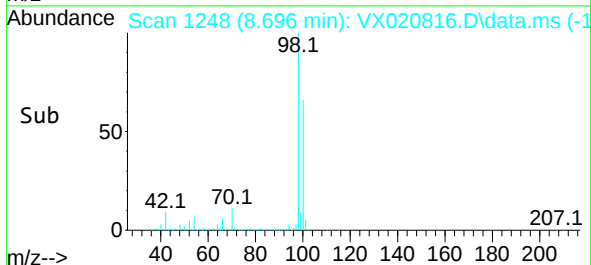
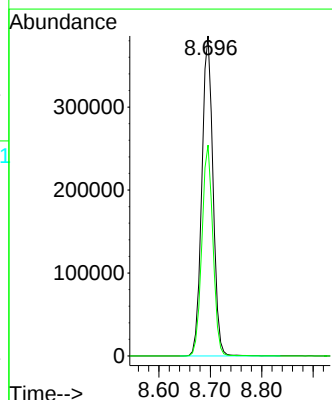
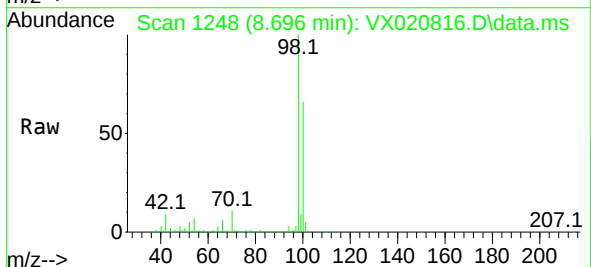
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-203-205

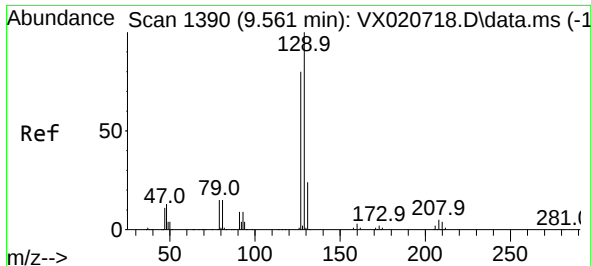
Tgt Ion: 88 Resp: 116
Ion Ratio Lower Upper
88 100
43 45.7 23.2 34.8#
58 66.4 55.0 82.4



#50
Toluene-d8
Concen: 49.93 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020816.D
Acq: 29 Jan 2021 20:41

Tgt Ion: 98 Resp: 581092
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

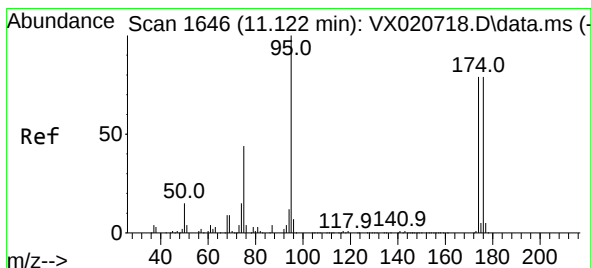
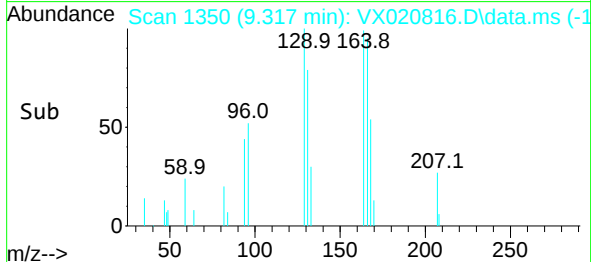
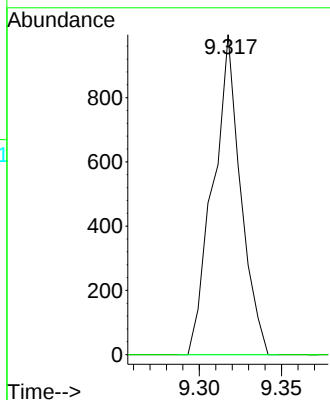
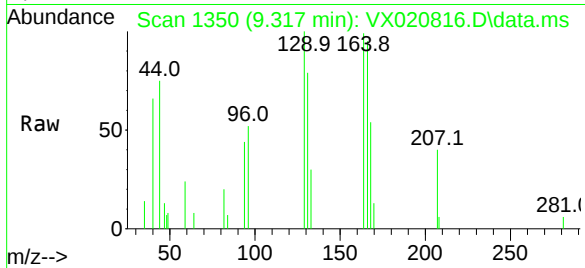




#60
Dibromochloromethane
Concen: 0.29 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX020816.D
Acq: 29 Jan 2021 20:41

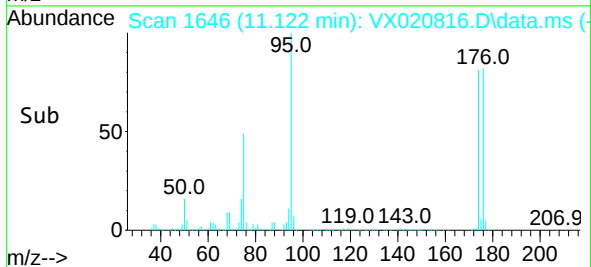
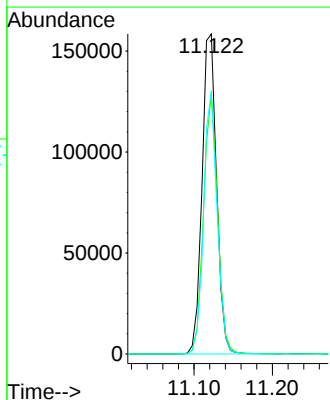
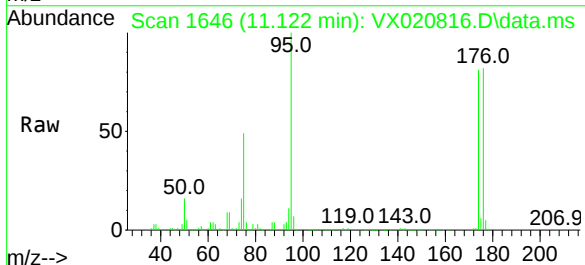
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-203-205

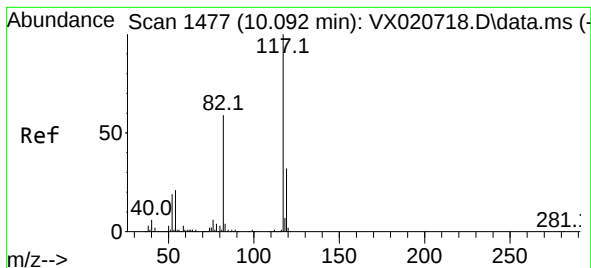
Tgt Ion:129 Resp: 1165
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 45.07 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020816.D
Acq: 29 Jan 2021 20:41

Tgt Ion: 95 Resp: 203680
Ion Ratio Lower Upper
95 100
174 79.1 0.0 154.6
176 76.6 0.0 155.8

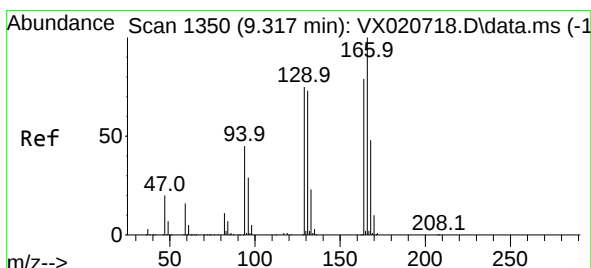
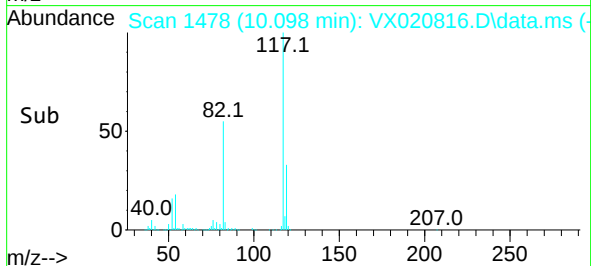
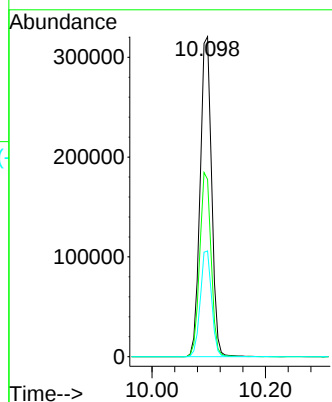
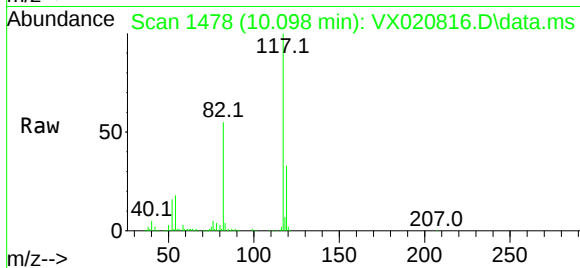




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020816.D
Acq: 29 Jan 2021 20:41

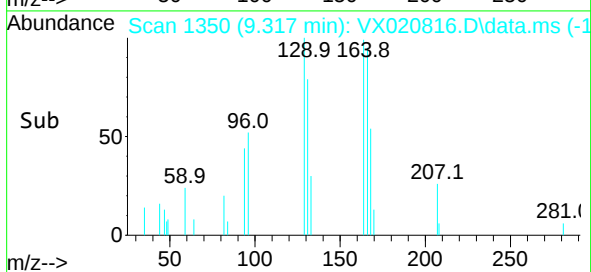
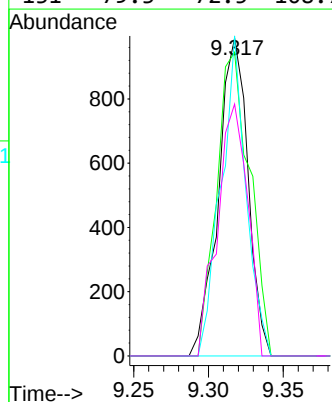
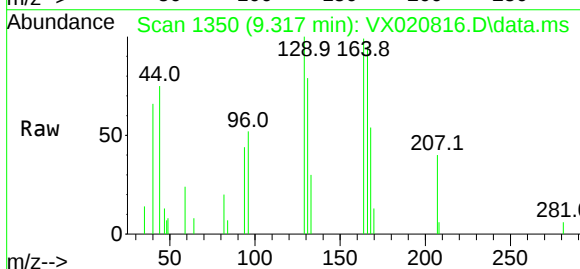
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-203-205

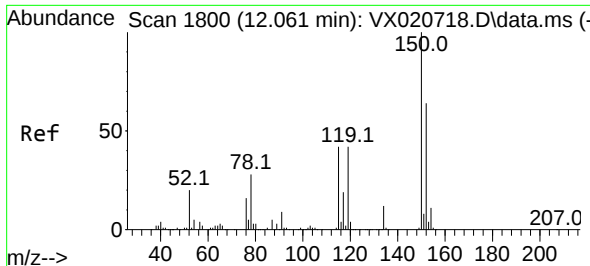
Tgt Ion:117	Resp: 448819
Ion Ratio	Lower Upper
117 100	
82 55.4	47.4 71.2
119 33.1	26.6 39.8



#64
Tetrachloroethene
Concen: 0.40 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020816.D
Acq: 29 Jan 2021 20:41

Tgt Ion:164	Resp: 1365
Ion Ratio	Lower Upper
164 100	
166 95.6	103.4 155.2#
129 100.7	70.8 106.2
131 79.3	72.5 108.7

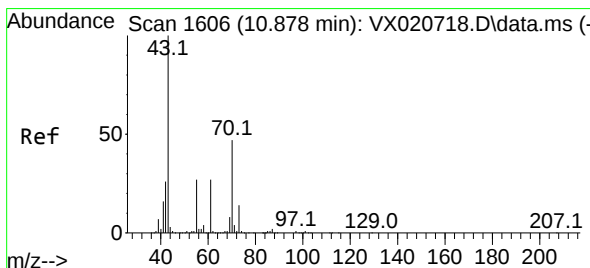
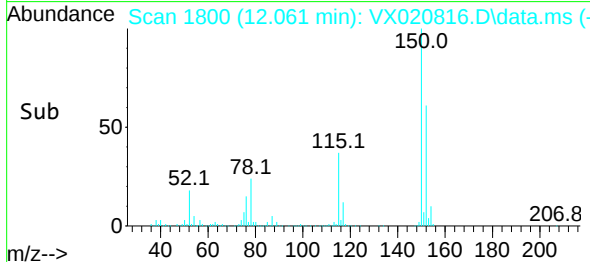
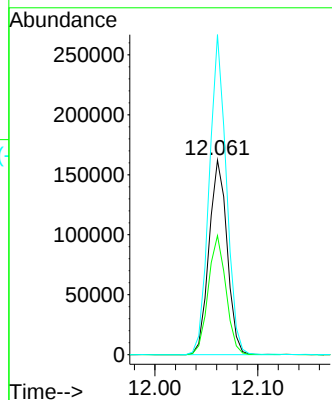
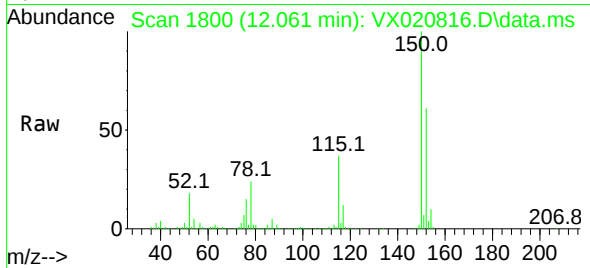




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020816.D
Acq: 29 Jan 2021 20:41

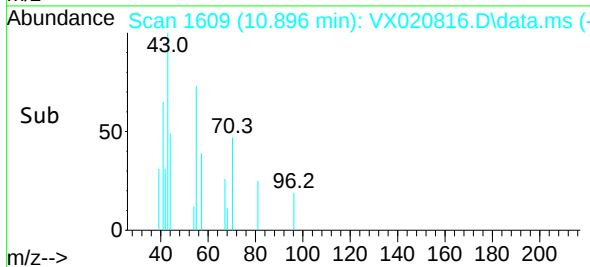
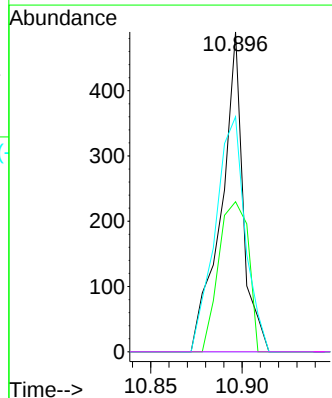
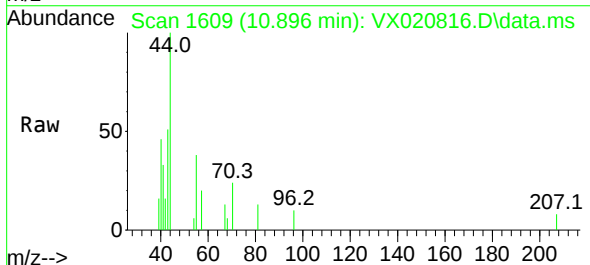
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-203-205

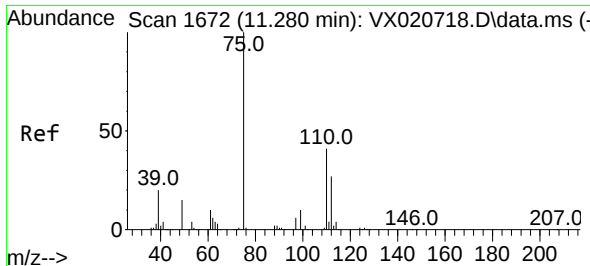
Tgt Ion:152 Resp: 198540
Ion Ratio Lower Upper
152 100
115 59.8 41.1 123.3
150 155.8 0.0 349.0



#74
N-ethyl acetate
Concen: 2.08 ug/l
RT: 10.896 min Scan# 1609
Delta R.T. 0.018 min
Lab File: VX020816.D
Acq: 29 Jan 2021 20:41

Tgt Ion: 43 Resp: 408
Ion Ratio Lower Upper
43 100
70 64.0 39.0 58.6#
55 101.0 21.5 32.3#
61 0.0 22.1 33.1#

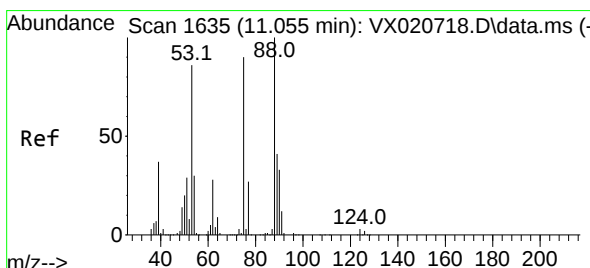
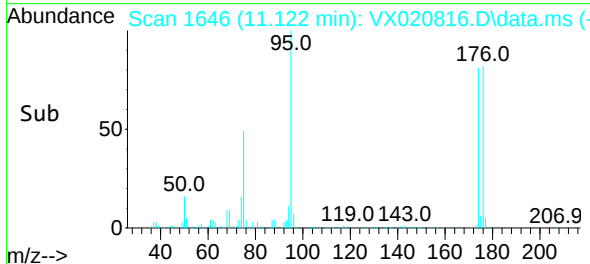
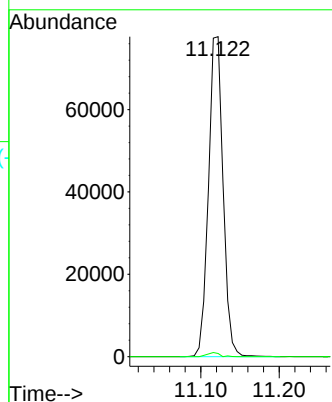
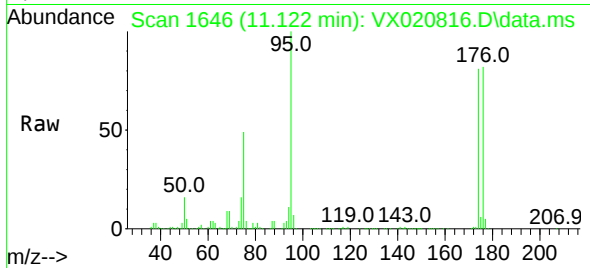




#76
1,2,3-Trichloropropane
Concen: 21.80 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020816.D
Acq: 29 Jan 2021 20:41

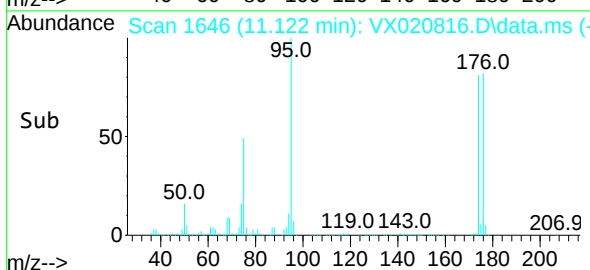
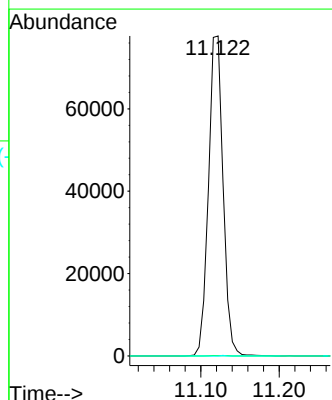
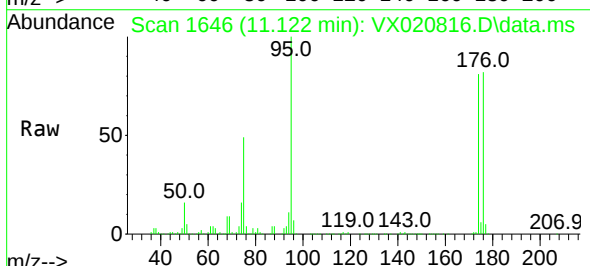
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-203-205

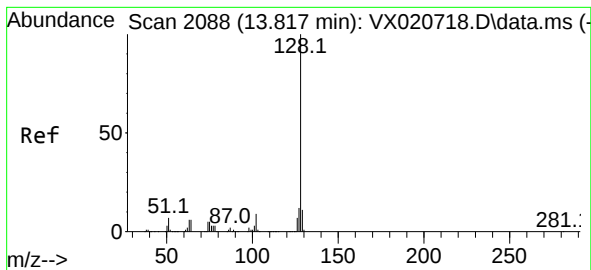
Tgt Ion: 75 Resp: 100391
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.09 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020816.D
Acq: 29 Jan 2021 20:41

Tgt Ion: 75 Resp: 100391
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.1 37.9 56.9#





#95
Naphthalene
Concen: 2.89 ug/l
RT: 13.823 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VX020816.D
Acq: 29 Jan 2021 20:41

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-203-205

Tgt Ion:128 Resp: 241
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

