

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042321\
 Data File : VX021847.D
 Acq On : 23 Apr 2021 17:08
 Operator : JC/MD
 Sample : M2164-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW8-GW-258-260

Quant Time: Apr 26 04:05:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

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

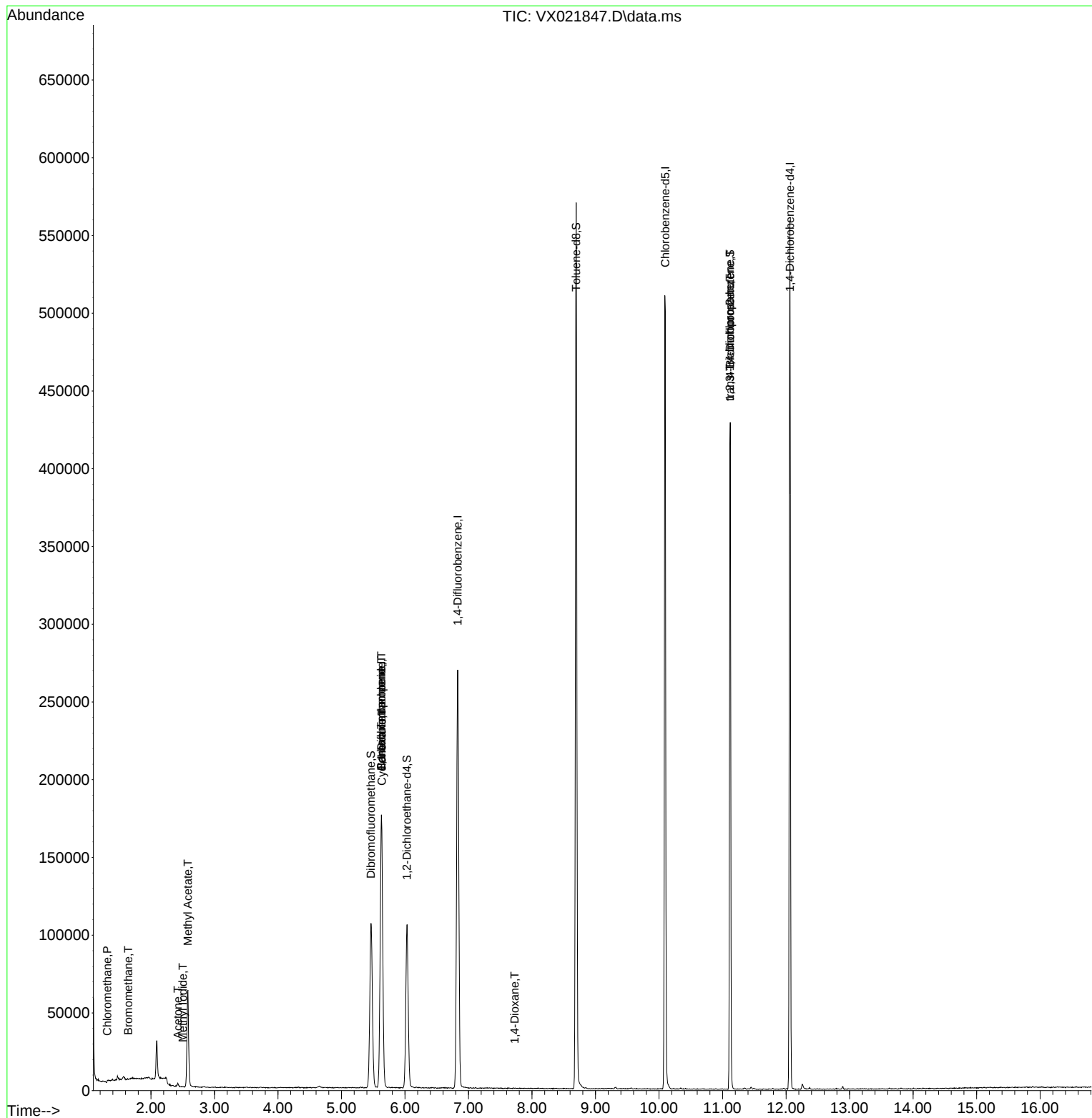
Internal Standards						
1) Pentafluorobenzene	5.629	168	178058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	295403	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	265397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	122059	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	97807	48.42	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.84%
35) Dibromofluoromethane	5.464	113	94471	50.01	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.02%
50) Toluene-d8	8.695	98	353443	48.66	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.32%
62) 4-Bromofluorobenzene	11.122	95	123146	45.40	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.80%
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	723	0.62	ug/l	100
5) Bromomethane	1.642	94	266	0.30	ug/l #	14
10) Methyl Iodide	2.501	142	80	8.20	ug/l #	42
16) Acetone	2.422	43	2055	2.96	ug/l	95
18) Methyl Acetate	2.581	43	14211	7.54	ug/l #	47
31) Cyclohexane	5.635	56	3001	1.06	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	11358	4.36	ug/l #	50
38) Carbon Tetrachloride	5.629	117	16388	5.74	ug/l #	17
49) 1,4-Dioxane	7.726	88	123	2.50	ug/l #	43
76) 1,2,3-Trichloropropane	11.116	75	55518	22.94	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	55518	52.74	ug/l #	12

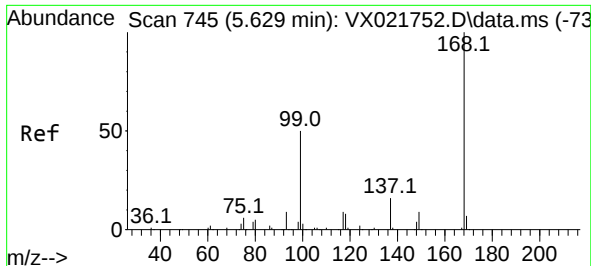
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
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Response via : Initial Calibration

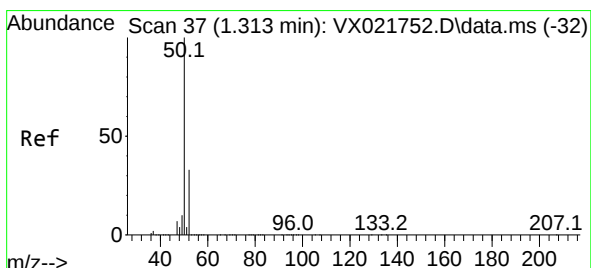
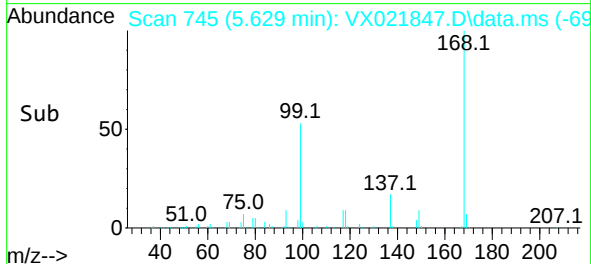
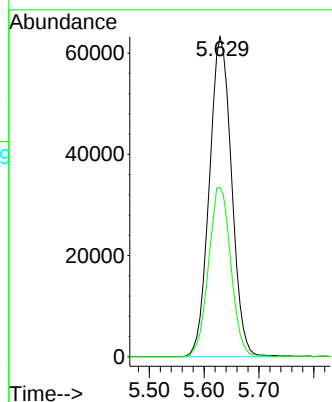
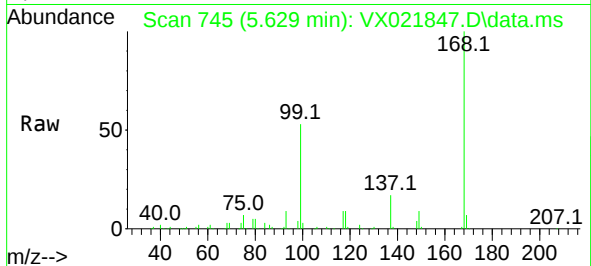




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021847.D
Acq: 23 Apr 2021 17:08

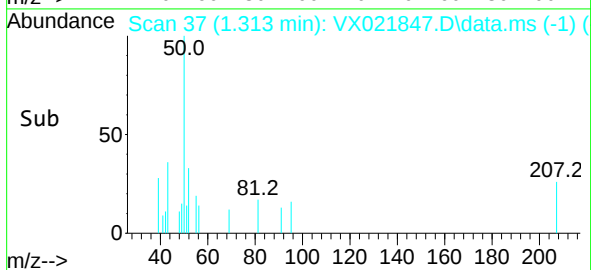
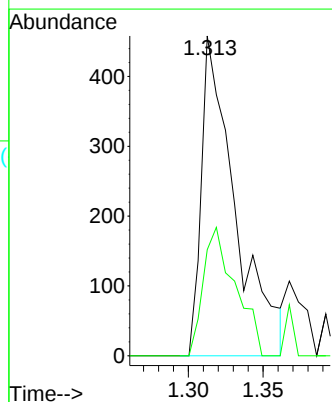
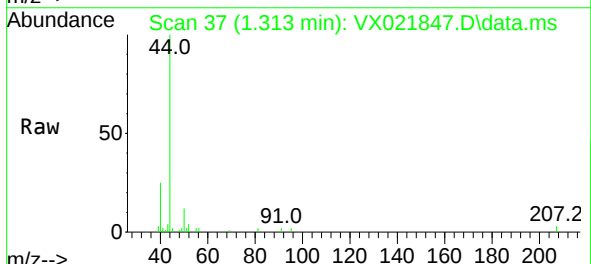
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-258-260

Tgt Ion:168 Resp: 178058
Ion Ratio Lower Upper
168 100
99 52.9 45.8 68.6



#3
Chloromethane
Concen: 0.62 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX021847.D
Acq: 23 Apr 2021 17:08

Tgt Ion: 50 Resp: 723
Ion Ratio Lower Upper
50 100
52 33.2 26.4 39.6

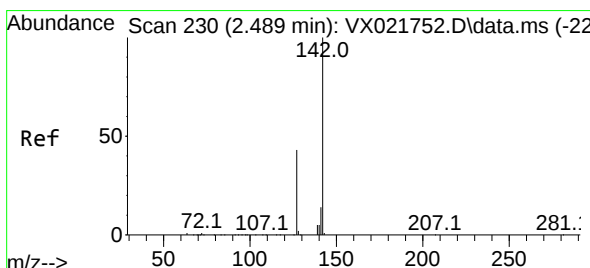
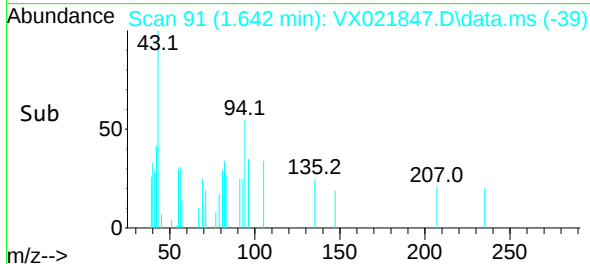
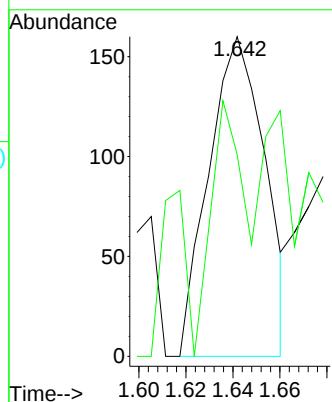
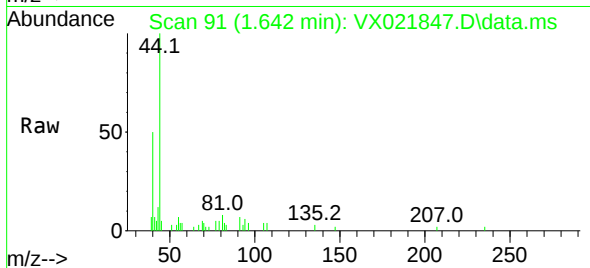




#5
Bromomethane
Concen: 0.30 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.019 min
Lab File: VX021847.D
Acq: 23 Apr 2021 17:08

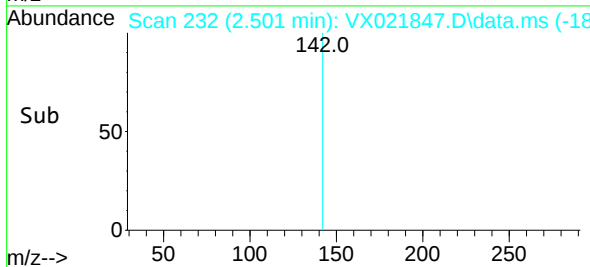
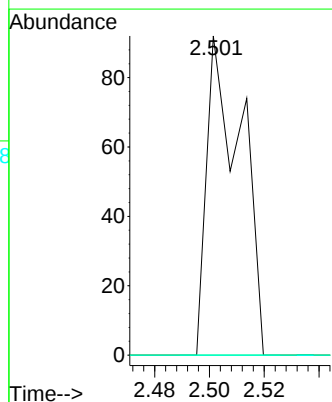
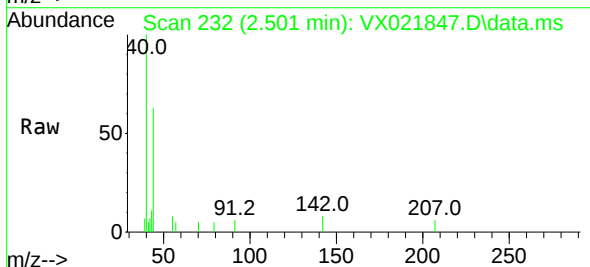
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-258-260

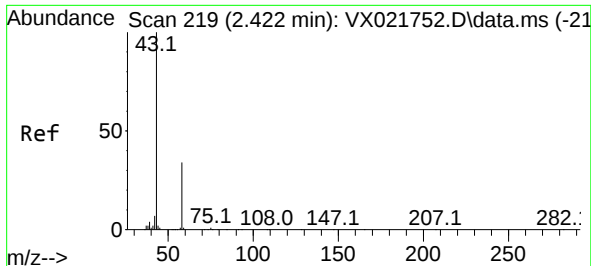
Tgt Ion: 94 Resp: 266
Ion Ratio Lower Upper
94 100
96 11.3 76.4 114.6#



#10
Methyl Iodide
Concen: 8.20 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.012 min
Lab File: VX021847.D
Acq: 23 Apr 2021 17:08

Tgt Ion: 142 Resp: 80
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

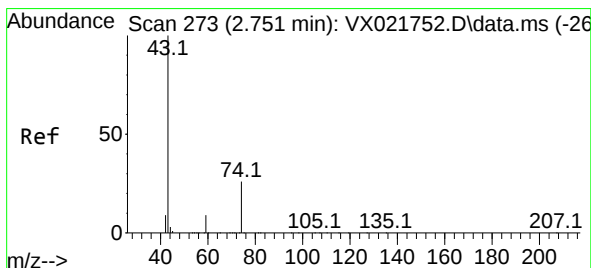
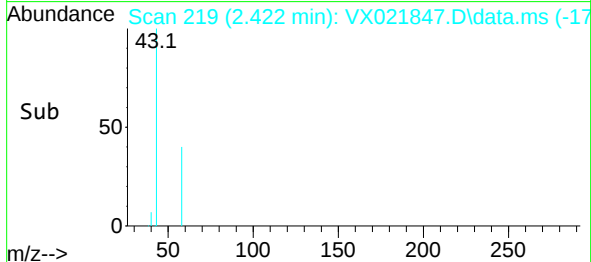
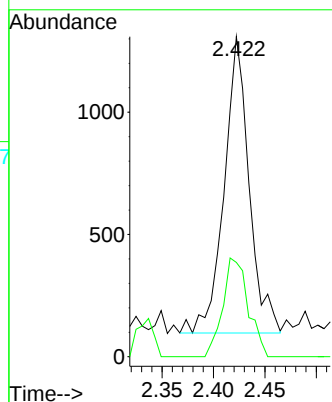
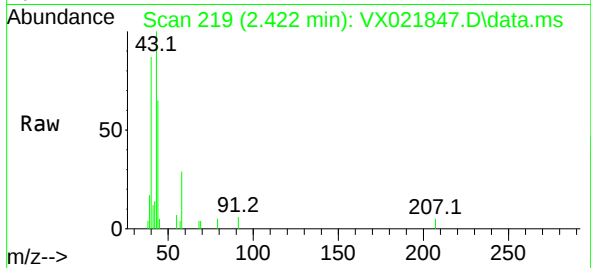




#16
Acetone
Concen: 2.96 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX021847.D
Acq: 23 Apr 2021 17:08

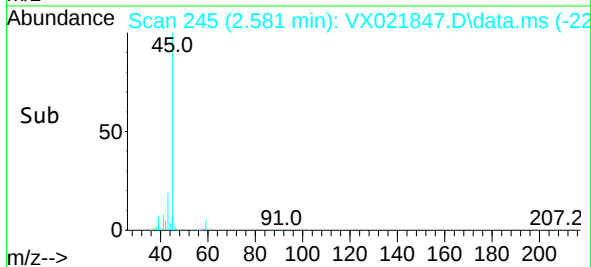
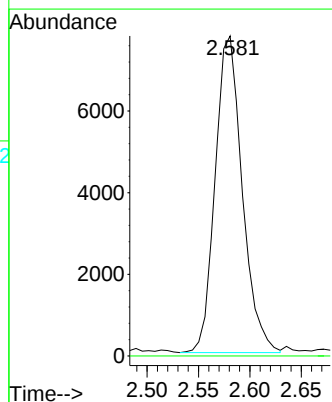
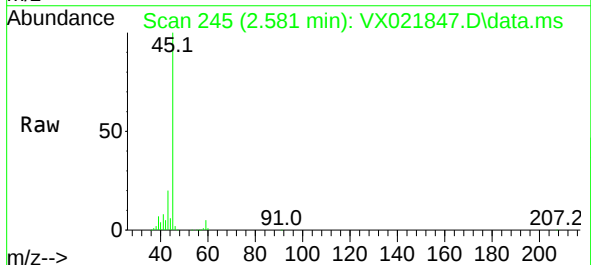
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-258-260

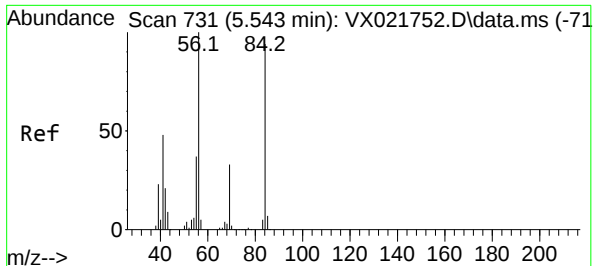
Tgt Ion: 43 Resp: 2055
Ion Ratio Lower Upper
43 100
58 31.8 27.8 41.8



#18
Methyl Acetate
Concen: 7.54 ug/l
RT: 2.581 min Scan# 245
Delta R.T. -0.170 min
Lab File: VX021847.D
Acq: 23 Apr 2021 17:08

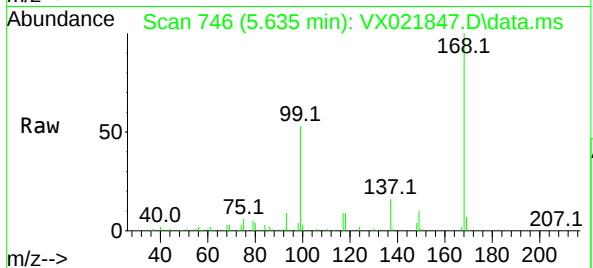
Tgt Ion: 43 Resp: 14211
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



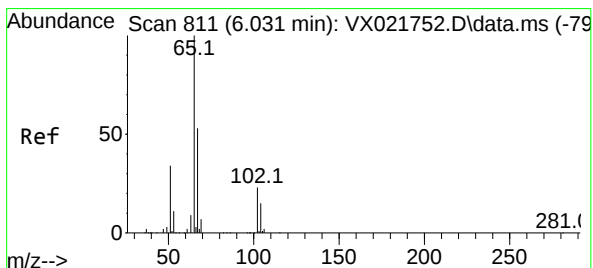
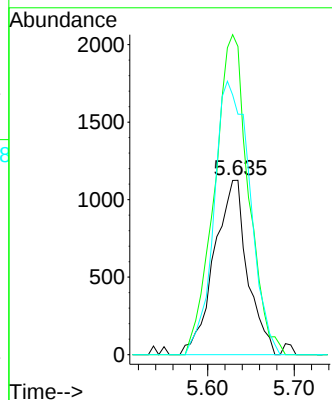
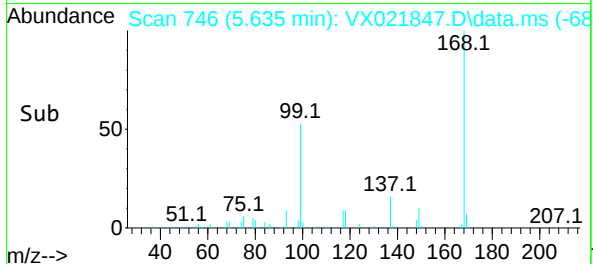


#31
Cyclohexane
Concen: 1.06 ug/l
RT: 5.635 min Scan# 746
Delta R.T. 0.092 min
Lab File: VX021847.D
Acq: 23 Apr 2021 17:08

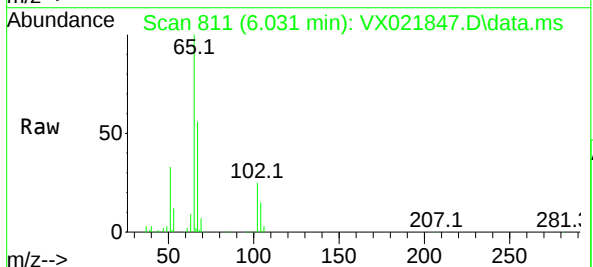
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-258-260



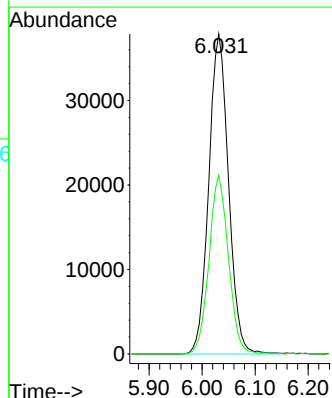
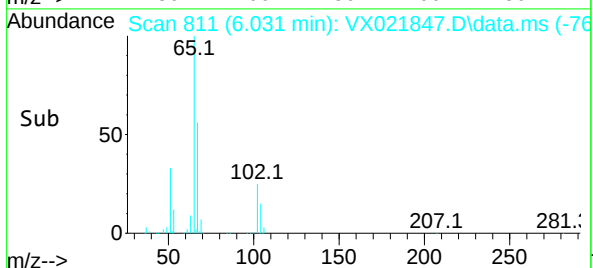
Tgt Ion: 56 Resp: 3001
Ion Ratio Lower Upper
56 100
69 176.7 25.3 37.9#
84 137.9 71.4 107.0#

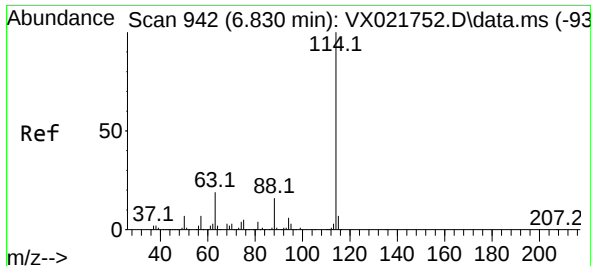


#33
1,2-Dichloroethane-d4
Concen: 48.42 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021847.D
Acq: 23 Apr 2021 17:08



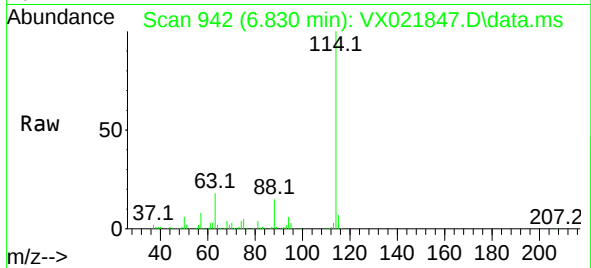
Tgt Ion: 65 Resp: 97807
Ion Ratio Lower Upper
65 100
67 54.8 0.0 105.4



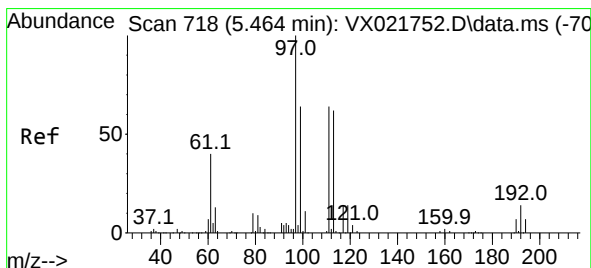
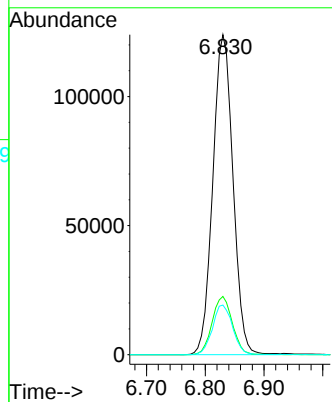
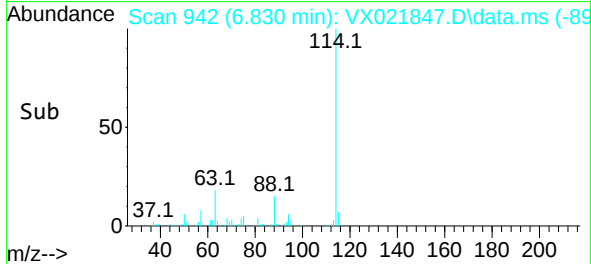


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX021847.D
Acq: 23 Apr 2021 17:08

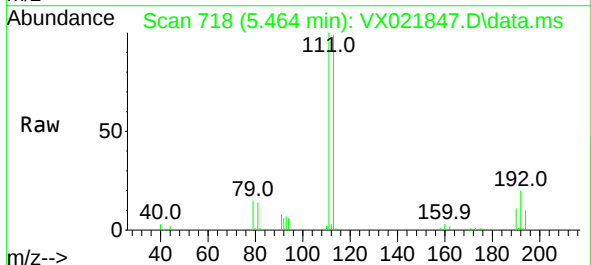
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BP-VPB-RW8-GW-258-260



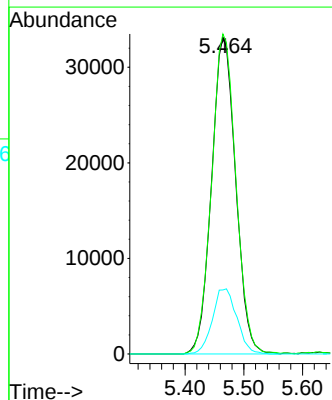
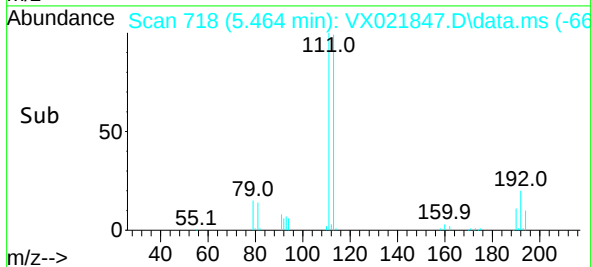
Tgt Ion:114 Resp: 295403
Ion Ratio Lower Upper
114 100
63 18.2 0.0 40.8
88 15.5 0.0 32.8

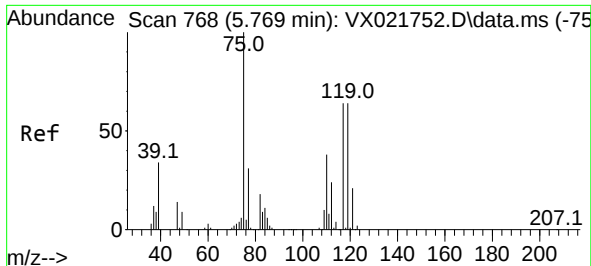


#35
Dibromofluoromethane
Concen: 50.01 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021847.D
Acq: 23 Apr 2021 17:08



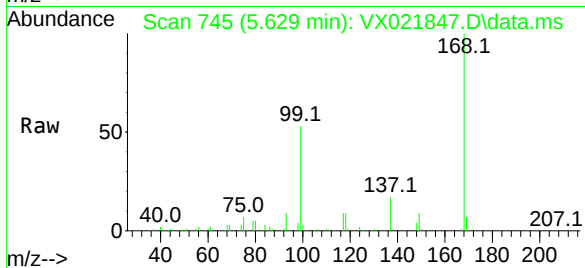
Tgt Ion:113 Resp: 94471
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 20.8 16.7 25.1



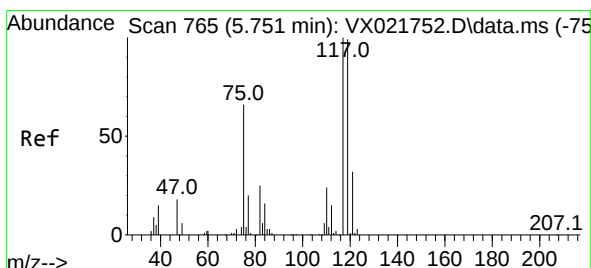
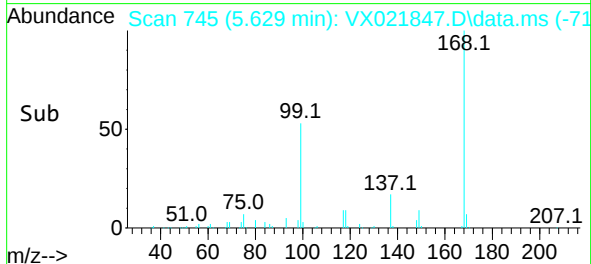
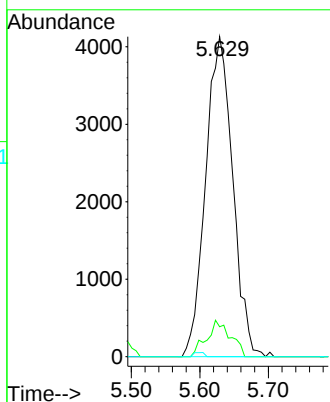


#36
1,1-Dichloropropene
Concen: 4.36 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX021847.D
Acq: 23 Apr 2021 17:08

Instrument :
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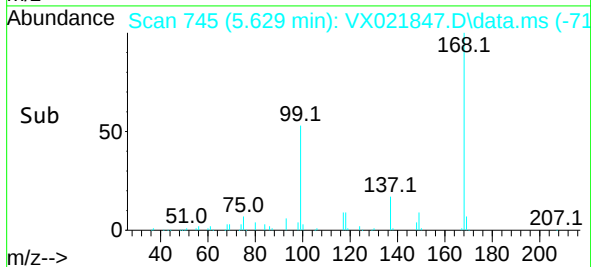
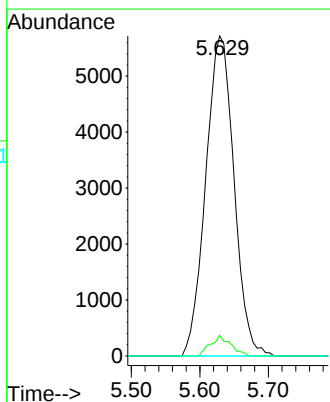
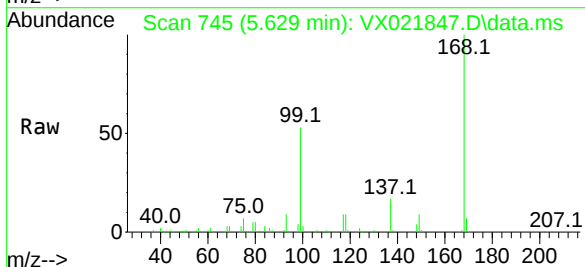


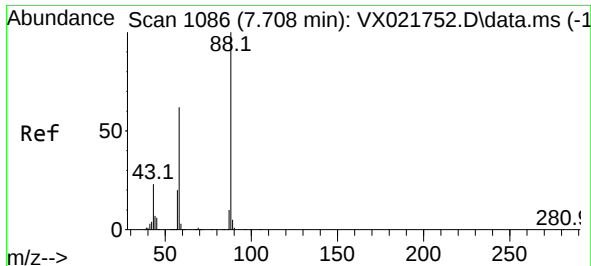
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.1	54.4#
77	0.0	25.3	37.9#



#38
Carbon Tetrachloride
Concen: 5.74 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX021847.D
Acq: 23 Apr 2021 17:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.4	76.2	114.2#
121	0.0	24.8	37.2#

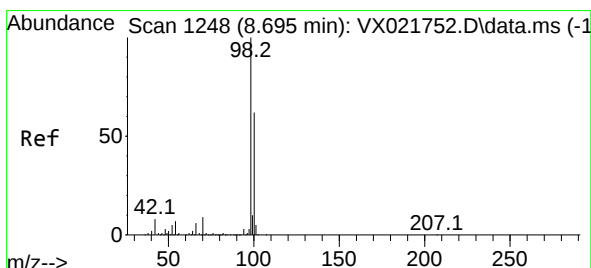
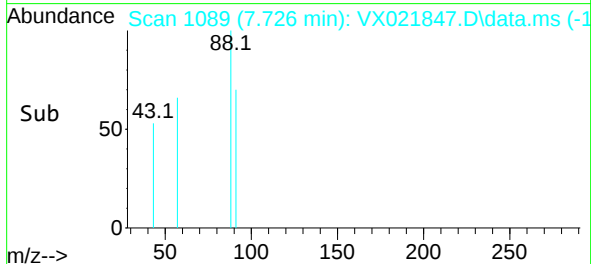
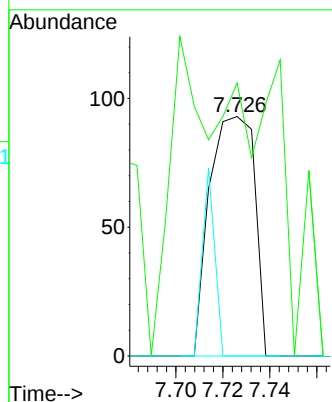
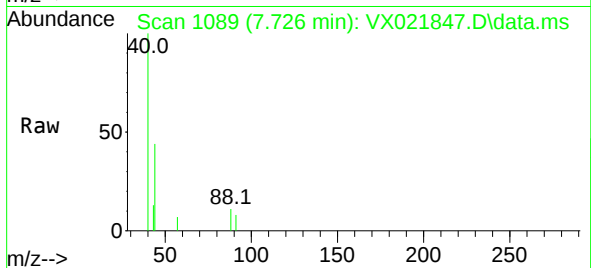




#49
1,4-Dioxane
Concen: 2.50 ug/l
RT: 7.726 min Scan# 1089
Delta R.T. 0.018 min
Lab File: VX021847.D
Acq: 23 Apr 2021 17:08

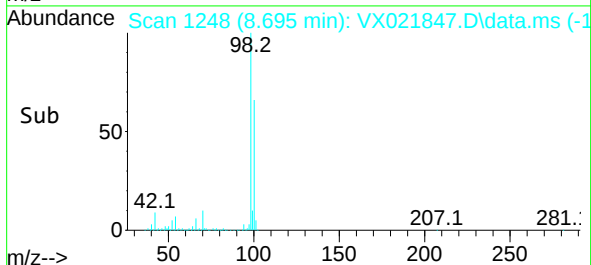
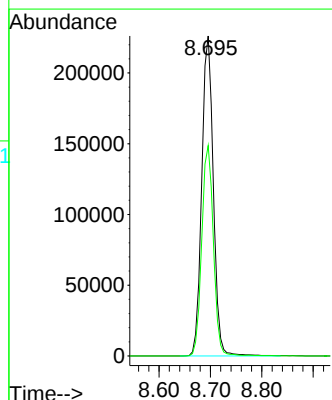
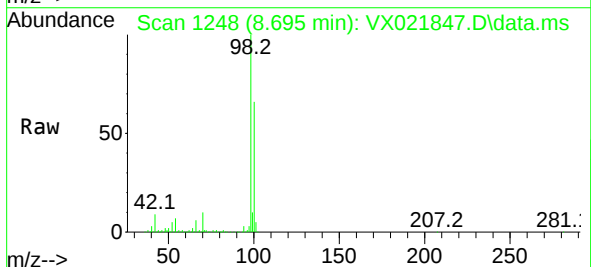
Instrument :
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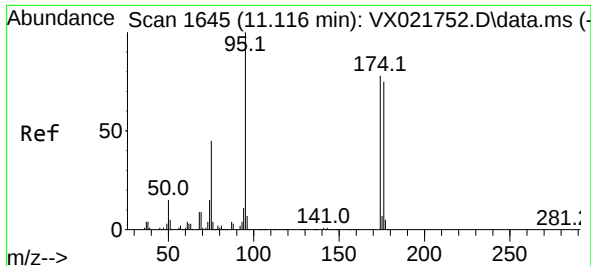
Tgt Ion: 88 Resp: 123
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 22.0 55.0 82.4#



#50
Toluene-d8
Concen: 48.66 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX021847.D
Acq: 23 Apr 2021 17:08

Tgt Ion: 98 Resp: 353443
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9

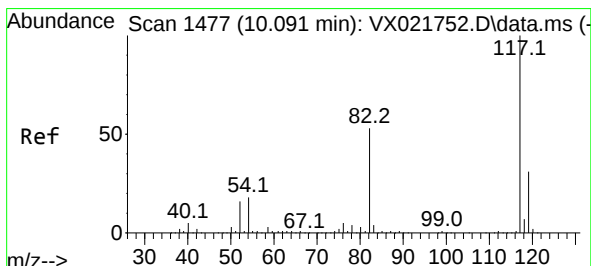
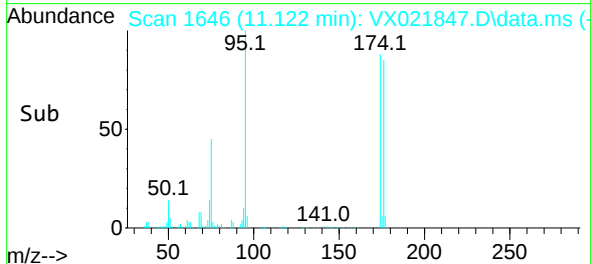
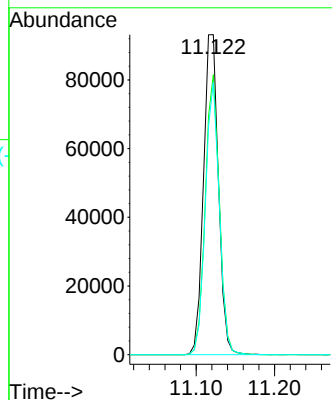
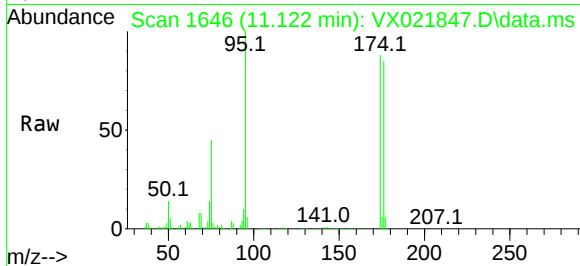




#62
4-Bromofluorobenzene
Concen: 45.40 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.006 min
Lab File: VX021847.D
Acq: 23 Apr 2021 17:08

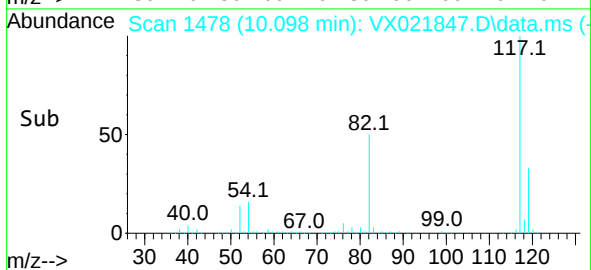
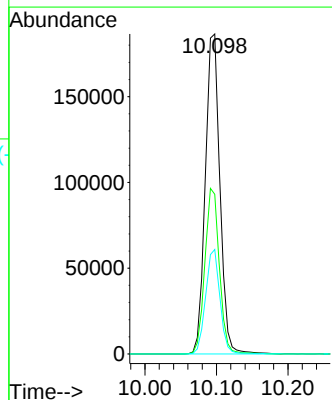
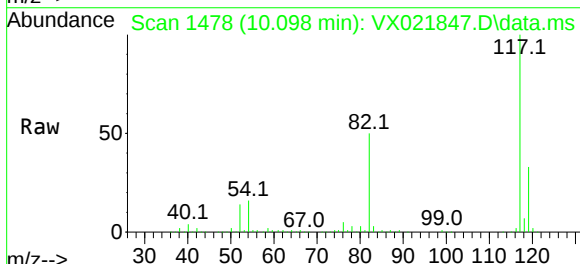
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-258-260

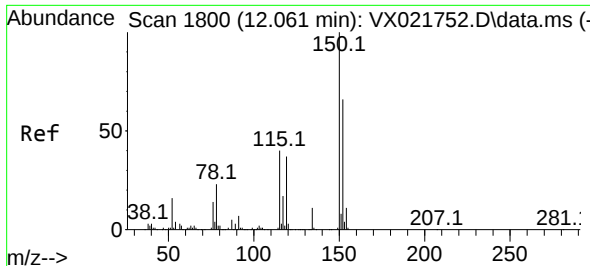
Tgt Ion: 95 Resp: 123146
Ion Ratio Lower Upper
95 100
174 82.6 0.0 154.6
176 79.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.007 min
Lab File: VX021847.D
Acq: 23 Apr 2021 17:08

Tgt Ion: 117 Resp: 265397
Ion Ratio Lower Upper
117 100
82 49.9 47.4 71.2
119 32.7 26.6 39.8

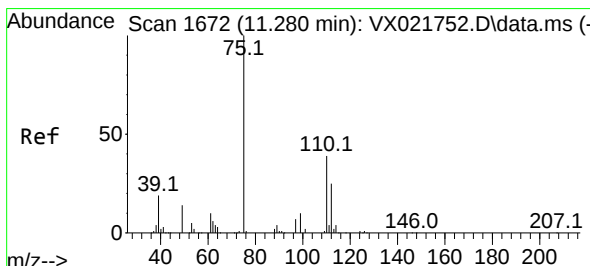
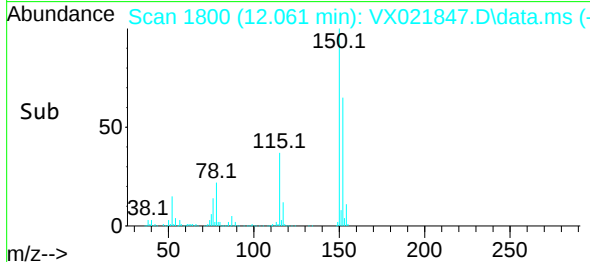
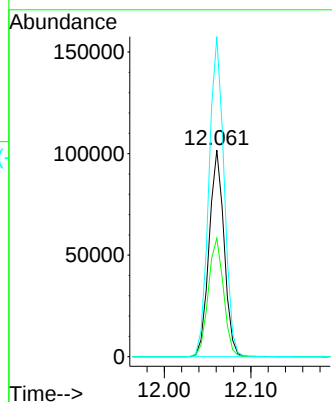
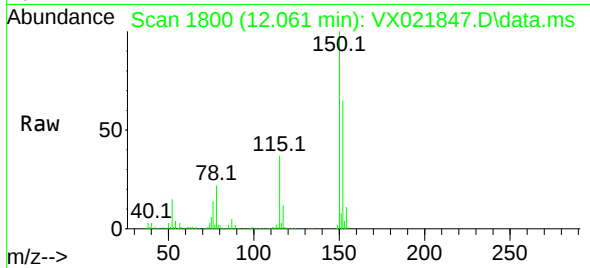




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX021847.D
 Acq: 23 Apr 2021 17:08

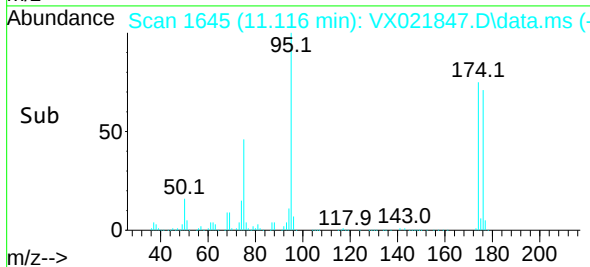
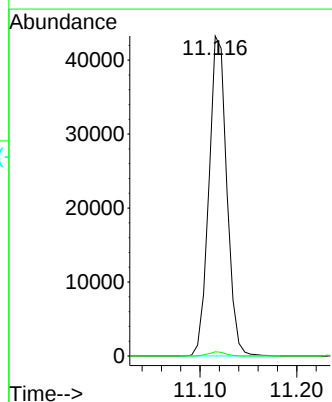
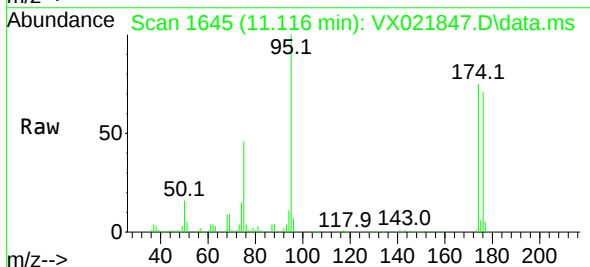
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW8-GW-258-260

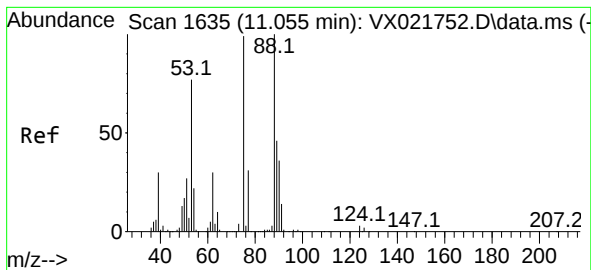
Tgt Ion:152 Resp: 122059
 Ion Ratio Lower Upper
 152 100
 115 58.3 41.1 123.3
 150 156.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 22.94 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. -0.164 min
 Lab File: VX021847.D
 Acq: 23 Apr 2021 17:08

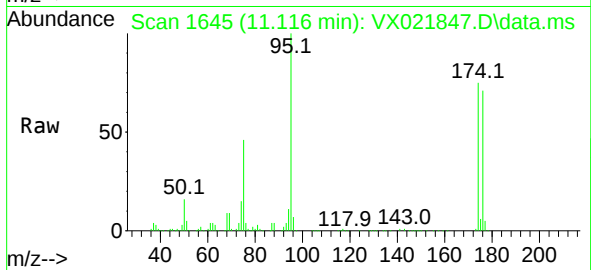
Tgt Ion: 75 Resp: 55518
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.74 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. 0.061 min
 Lab File: VX021847.D
 Acq: 23 Apr 2021 17:08

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW8-GW-258-260



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.5	111.7#
89	0.0	37.9	56.9#

