

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042121\
 Data File : VX021789.D
 Acq On : 21 Apr 2021 13:55
 Operator : JC/MD
 Sample : M2122-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW8-GW-58-60

Quant Time: Apr 22 08:57:10 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)

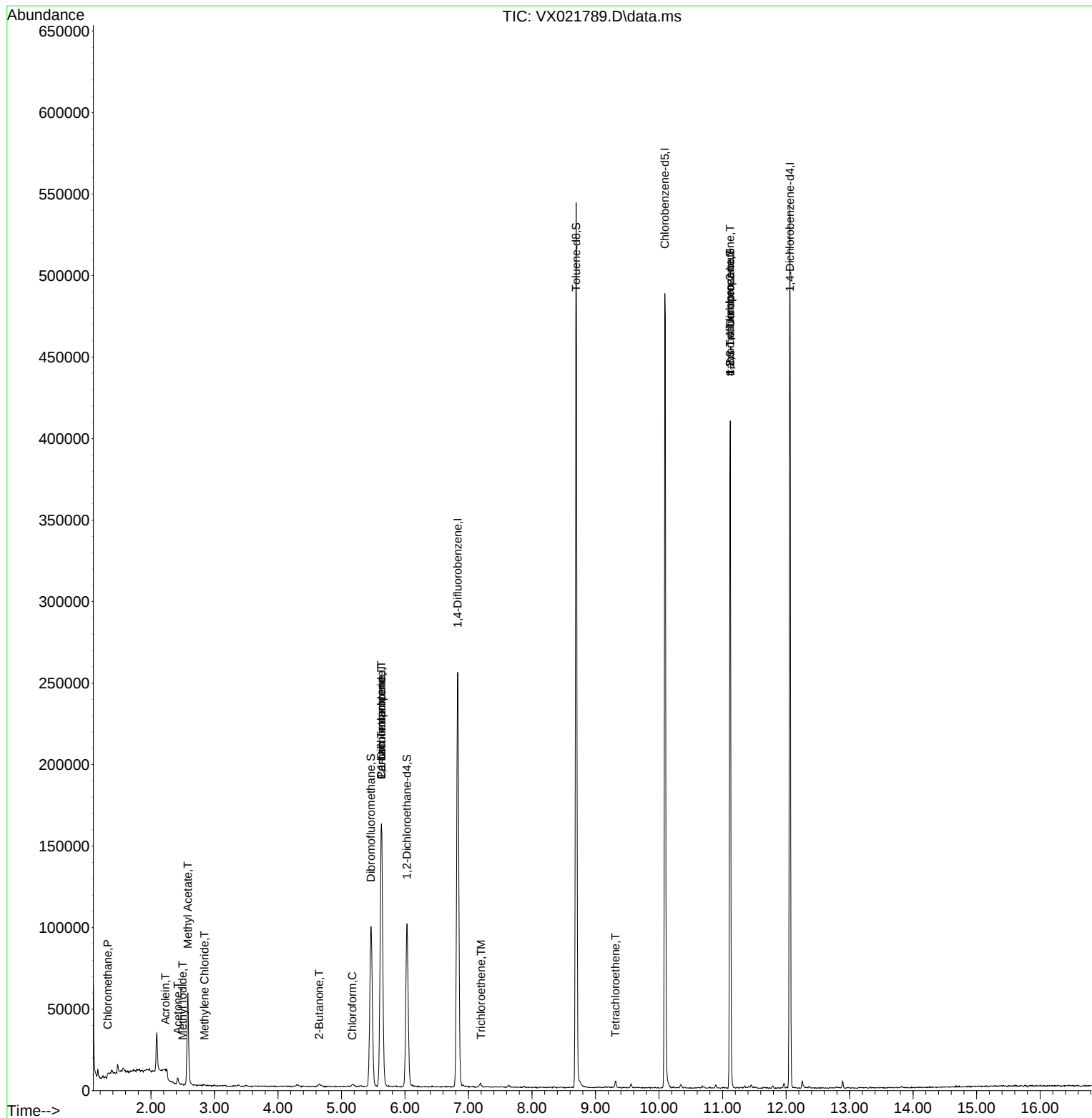
Internal Standards						
1) Pentafluorobenzene	5.629	168	162171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	275187	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.091	117	246870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.060	152	115479	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	94133	51.17	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.34%
35) Dibromofluoromethane	5.464	113	86556	49.18	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.36%
50) Toluene-d8	8.695	98	329150	48.64	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.28%
62) 4-Bromofluorobenzene	11.122	95	116362	46.05	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.10%
Target Compounds						
					Qvalue	
3) Chloromethane	1.318	50	1086	0.83	ug/l	93
10) Methyl Iodide	2.495	142	38	8.17	ug/l #	42
13) Acrolein	2.227	56	149	0.46	ug/l #	76
16) Acetone	2.422	43	4097	6.48	ug/l	97
18) Methyl Acetate	2.580	43	12479	7.27	ug/l #	47
20) Methylene Chloride	2.843	84	383	0.20	ug/l #	58
25) 2-Butanone	4.647	43	1385	1.29	ug/l	90
30) Chloroform	5.171	83	1884	0.61	ug/l #	83
36) 1,1-Dichloropropene	5.629	75	11065	4.56	ug/l #	45
38) Carbon Tetrachloride	5.629	117	15484	5.82	ug/l #	16
44) Trichloroethene	7.195	130	979	0.46	ug/l	79
64) Tetrachloroethene	9.311	164	776	0.40	ug/l #	72
76) 1,2,3-Trichloropropane	11.122	75	53318	23.28	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	53318	53.54	ug/l #	12

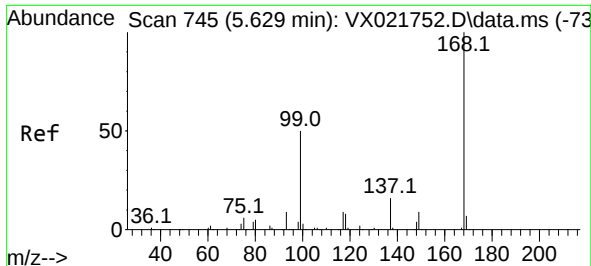
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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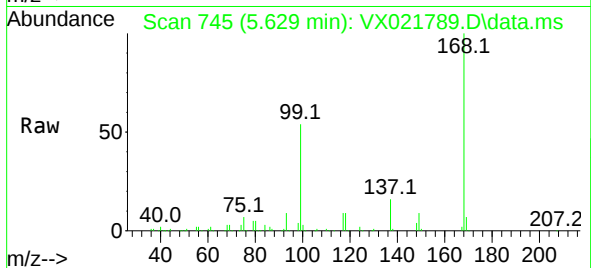
Quant Time: Apr 22 08:57:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 20 13:46:22 2021
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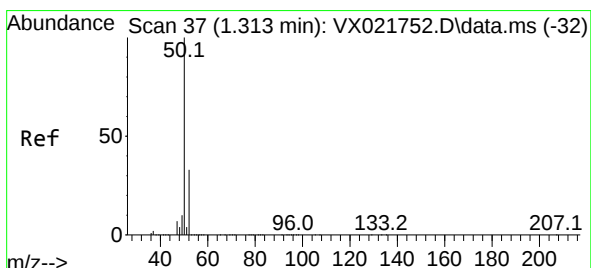
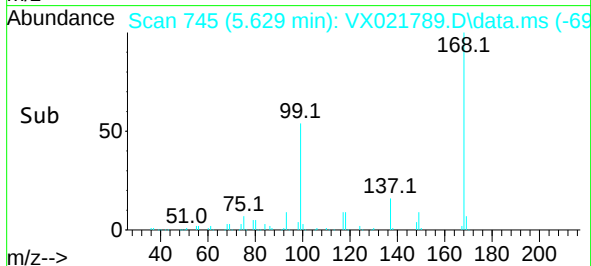
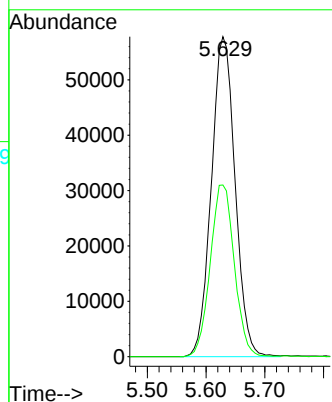


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021789.D
Acq: 21 Apr 2021 13:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-58-60

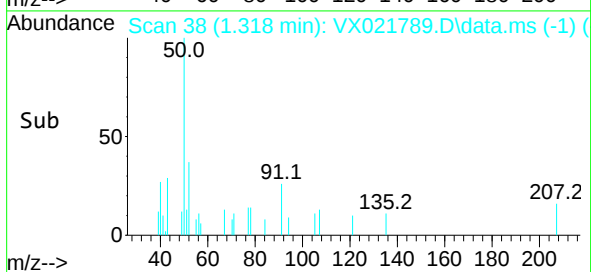
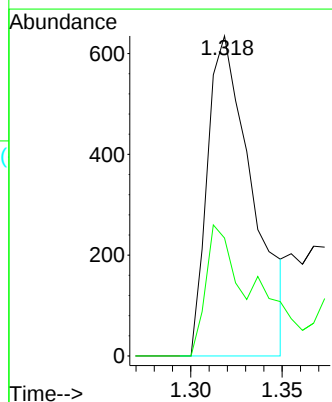
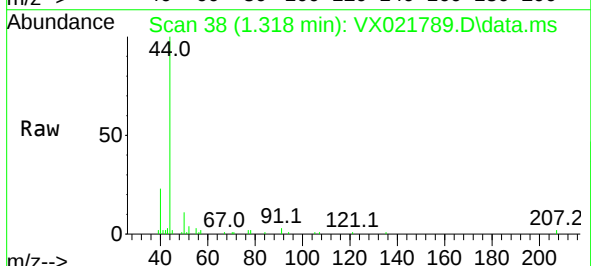


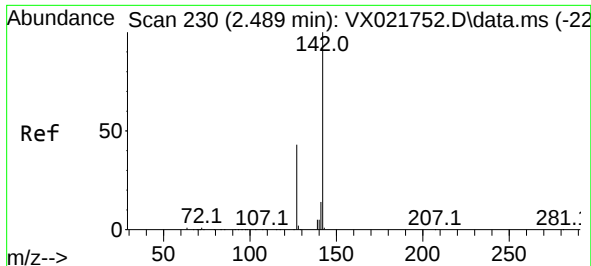
Tgt Ion:168 Resp: 162171
Ion Ratio Lower Upper
168 100
99 53.7 45.8 68.6



#3
Chloromethane
Concen: 0.83 ug/l
RT: 1.318 min Scan# 38
Delta R.T. 0.005 min
Lab File: VX021789.D
Acq: 21 Apr 2021 13:55

Tgt Ion: 50 Resp: 1086
Ion Ratio Lower Upper
50 100
52 36.9 26.4 39.6

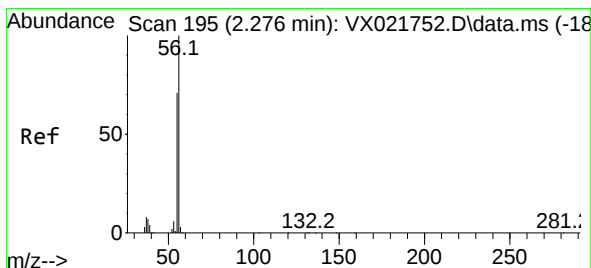
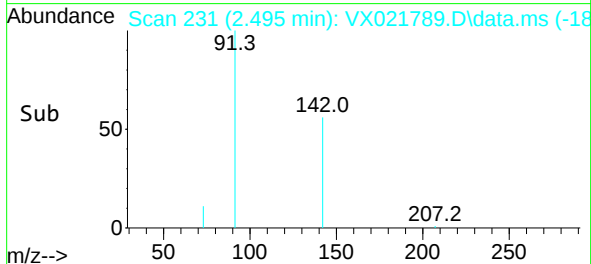
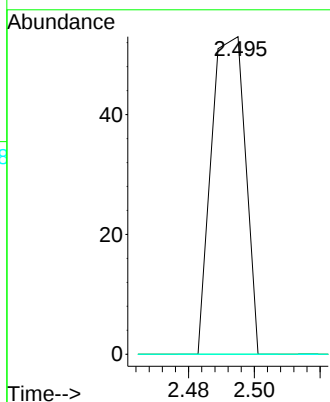
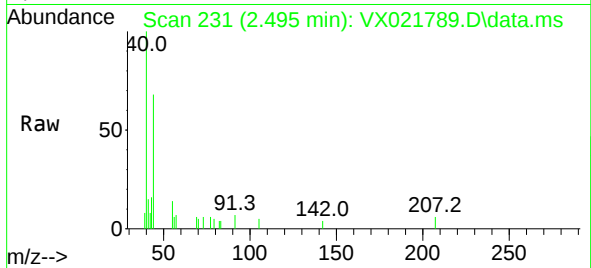




#10
Methyl Iodide
Concen: 8.17 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX021789.D
Acq: 21 Apr 2021 13:55

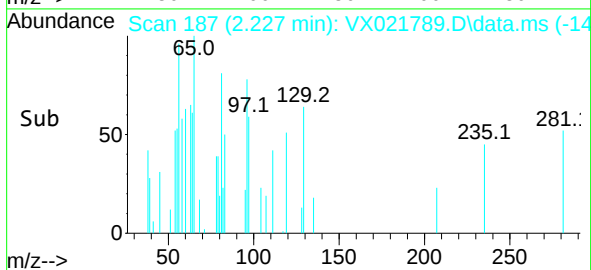
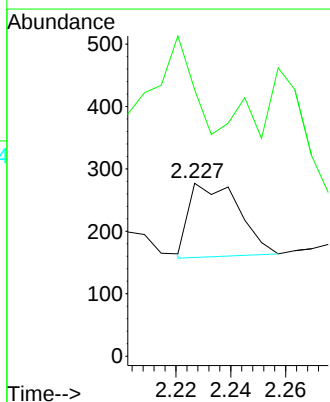
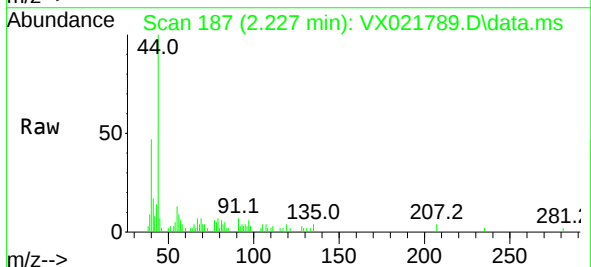
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-58-60

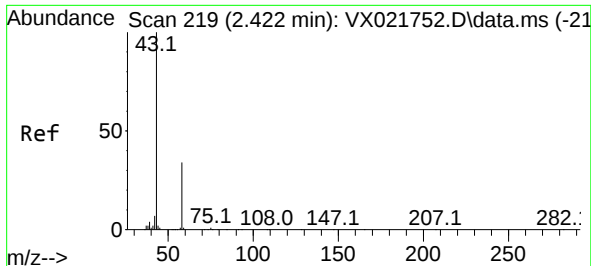
Tgt Ion:142 Resp: 38
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#13
Acrolein
Concen: 0.46 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.049 min
Lab File: VX021789.D
Acq: 21 Apr 2021 13:55

Tgt Ion: 56 Resp: 149
Ion Ratio Lower Upper
56 100
55 89.9 56.4 84.6#

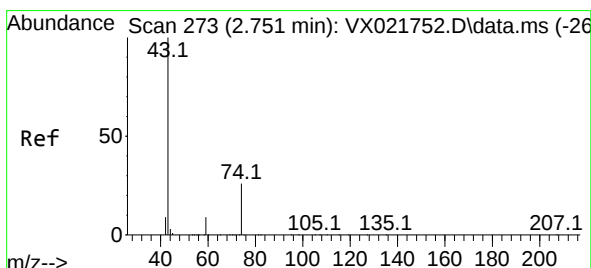
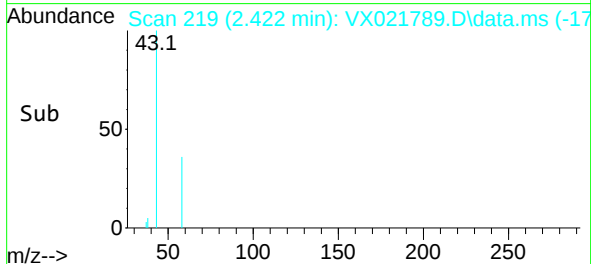
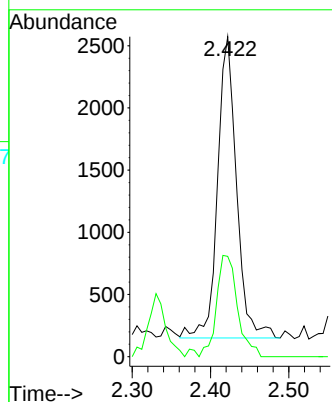
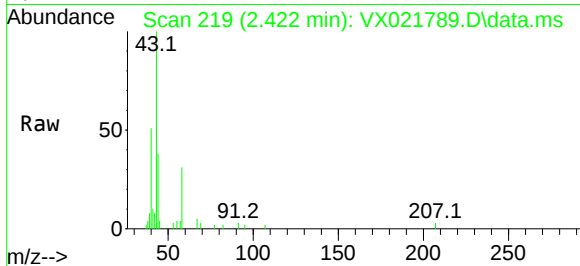




#16
Acetone
Concen: 6.48 ug/l
RT: 2.422 min Scan# 219
Delta R.T. -0.000 min
Lab File: VX021789.D
Acq: 21 Apr 2021 13:55

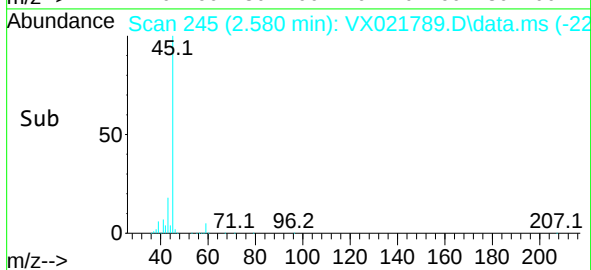
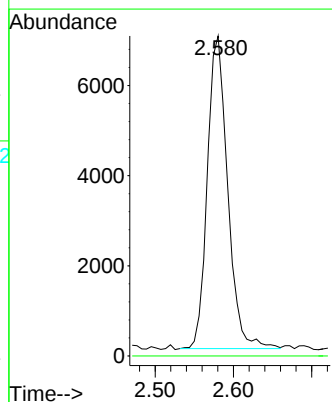
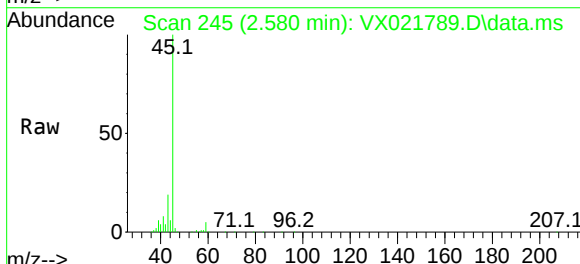
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-58-60

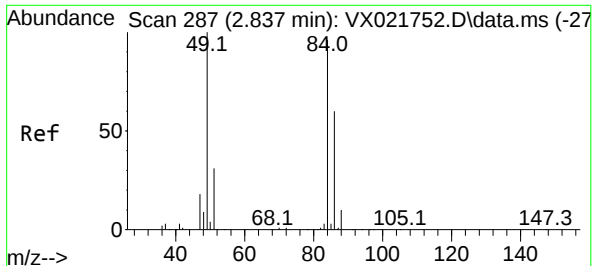
Tgt Ion: 43 Resp: 4097
Ion Ratio Lower Upper
43 100
58 33.3 27.8 41.8



#18
Methyl Acetate
Concen: 7.27 ug/l
RT: 2.580 min Scan# 245
Delta R.T. -0.171 min
Lab File: VX021789.D
Acq: 21 Apr 2021 13:55

Tgt Ion: 43 Resp: 12479
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

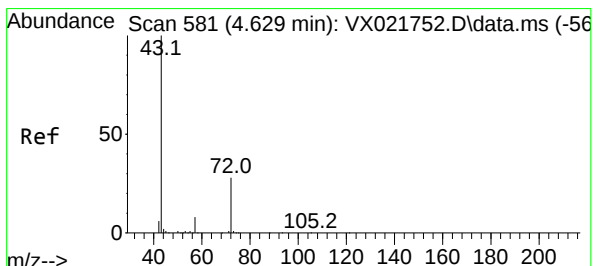
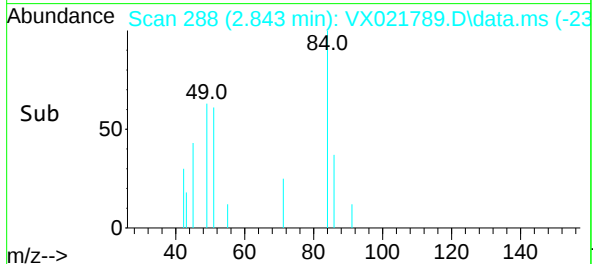
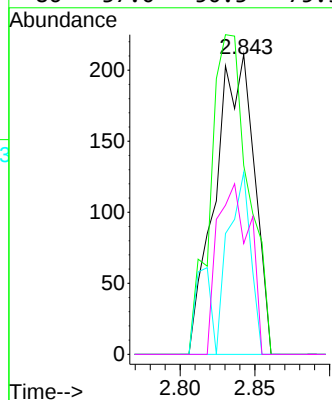
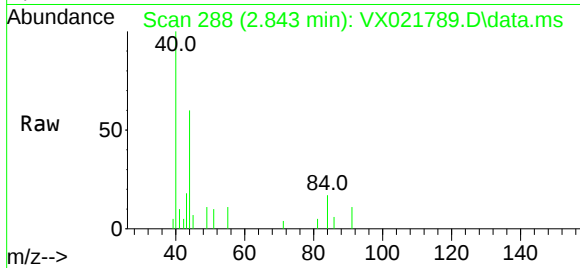




#20
Methylene Chloride
Concen: 0.20 ug/l
RT: 2.843 min Scan# 288
Delta R.T. 0.006 min
Lab File: VX021789.D
Acq: 21 Apr 2021 13:55

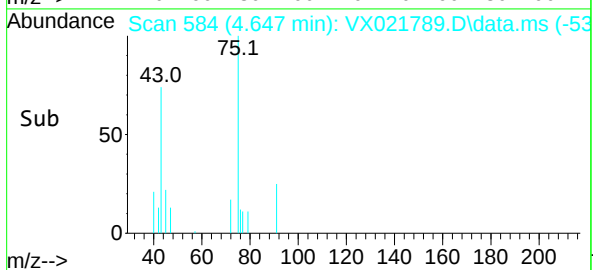
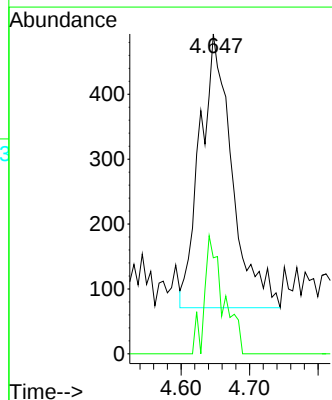
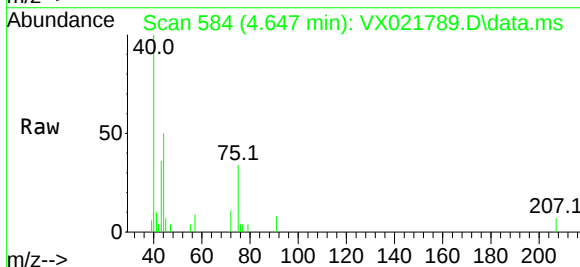
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-58-60

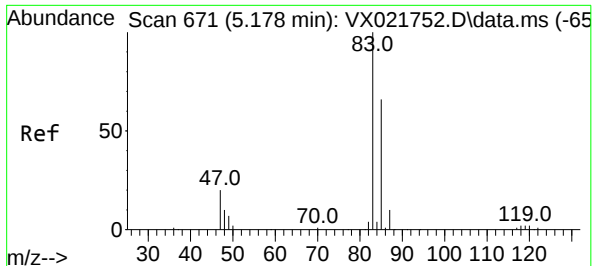
Tgt Ion: 84 Resp: 383
Ion Ratio Lower Upper
84 100
49 63.0 88.6 132.8#
51 60.7 27.0 40.6#
86 37.0 50.3 75.5#



#25
2-Butanone
Concen: 1.29 ug/l
RT: 4.647 min Scan# 584
Delta R.T. 0.018 min
Lab File: VX021789.D
Acq: 21 Apr 2021 13:55

Tgt Ion: 43 Resp: 1385
Ion Ratio Lower Upper
43 100
72 35.1 23.7 35.5





#30

Chloroform

Concen: 0.61 ug/l

RT: 5.171 min Scan# 670

Delta R.T. -0.007 min

Lab File: VX021789.D

Acq: 21 Apr 2021 13:55

Tgt Ion: 83 Resp: 1884

Ion Ratio Lower Upper

83 100

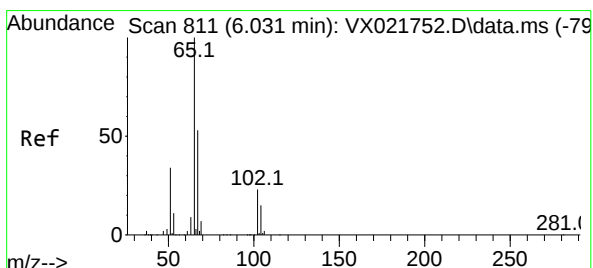
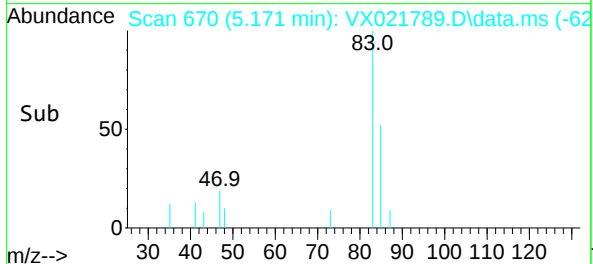
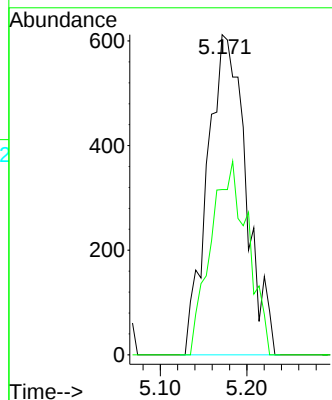
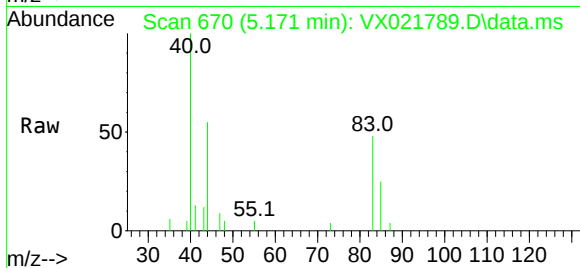
85 51.6 52.0 78.0#

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW8-GW-58-60



#33

1,2-Dichloroethane-d4

Concen: 51.17 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.000 min

Lab File: VX021789.D

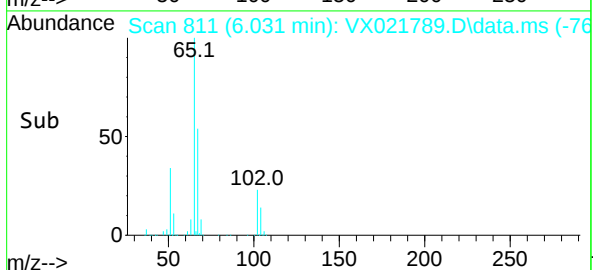
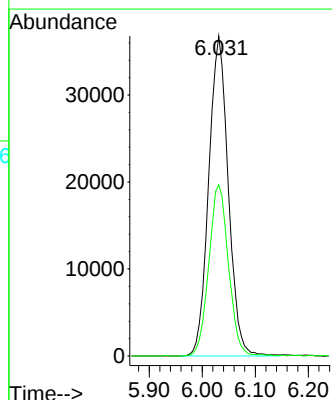
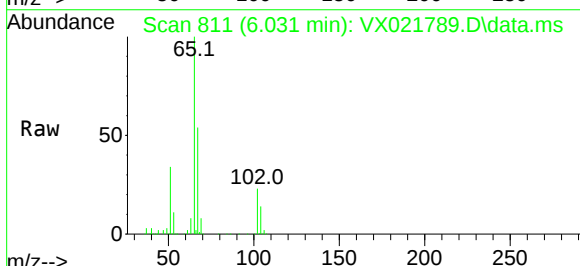
Acq: 21 Apr 2021 13:55

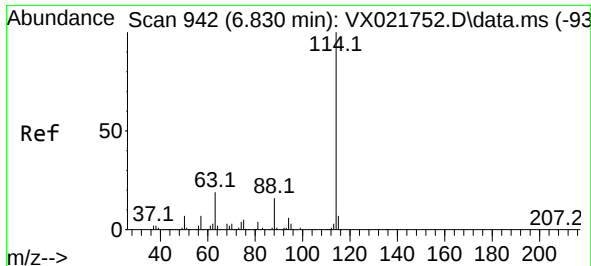
Tgt Ion: 65 Resp: 94133

Ion Ratio Lower Upper

65 100

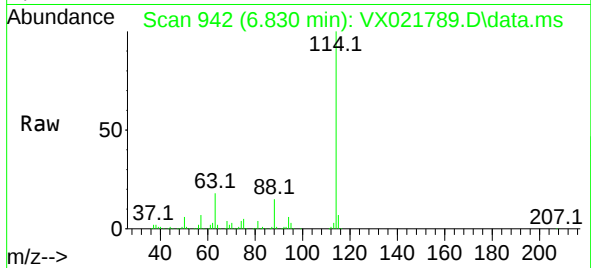
67 53.9 0.0 105.4



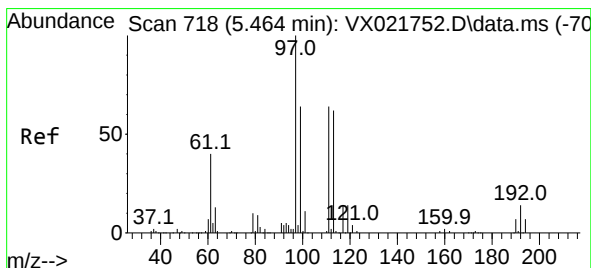
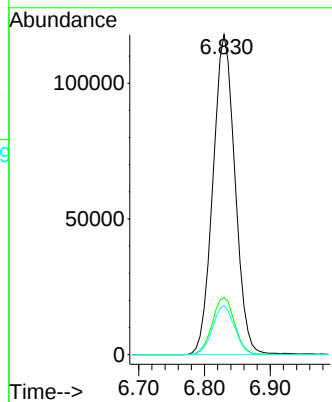
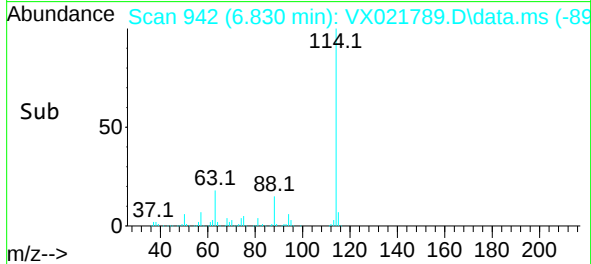


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX021789.D
Acq: 21 Apr 2021 13:55

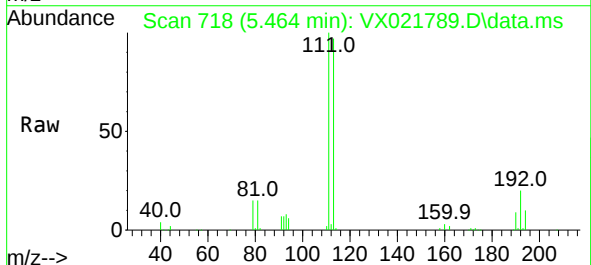
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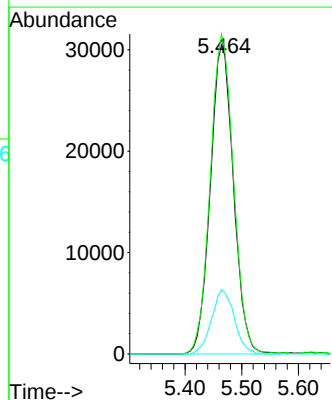
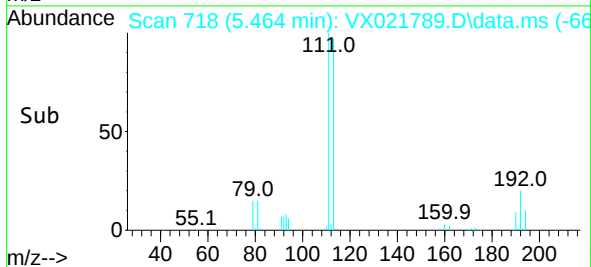
Tgt Ion:114 Resp: 275187
Ion Ratio Lower Upper
114 100
63 17.9 0.0 40.8
88 15.4 0.0 32.8

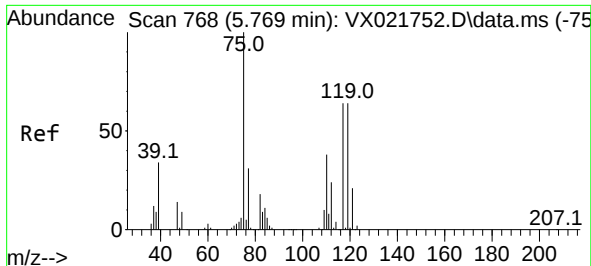


#35
Dibromofluoromethane
Concen: 49.18 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021789.D
Acq: 21 Apr 2021 13:55



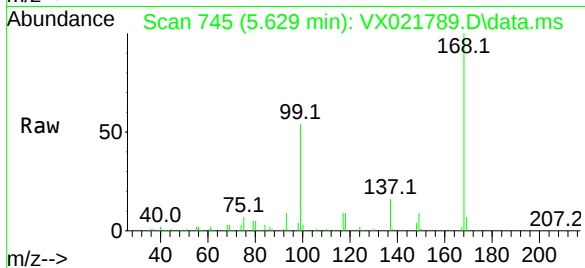
Tgt Ion:113 Resp: 86556
Ion Ratio Lower Upper
113 100
111 104.0 81.9 122.9
192 20.4 16.7 25.1



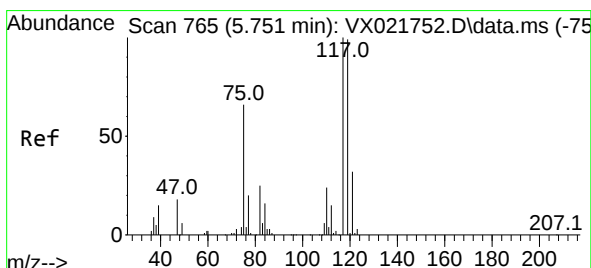
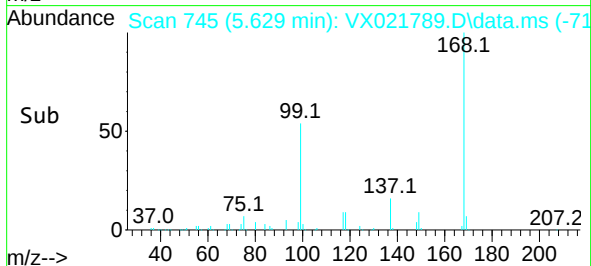
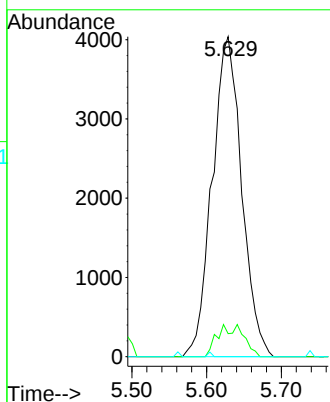


#36
1,1-Dichloropropene
Concen: 4.56 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX021789.D
Acq: 21 Apr 2021 13:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-58-60

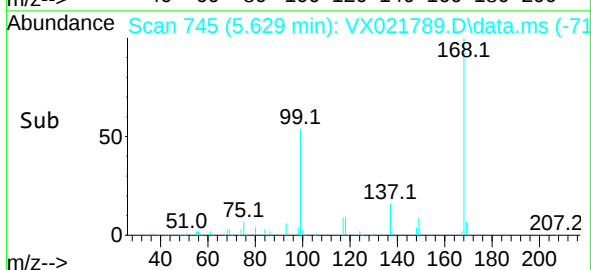
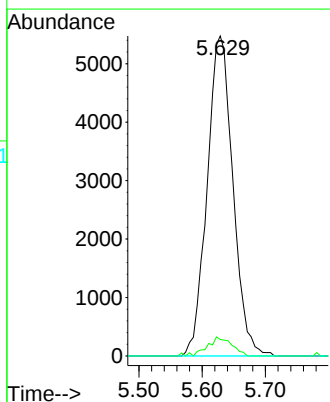
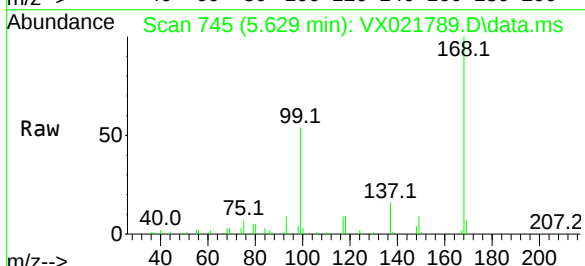


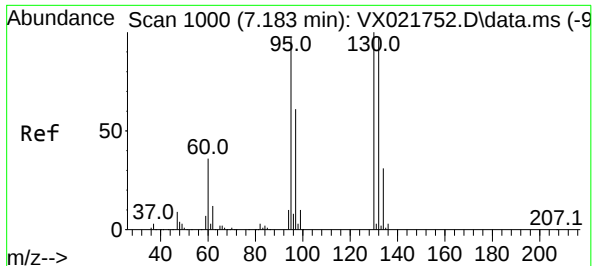
Tgt Ion: 75 Resp: 11065
Ion Ratio Lower Upper
75 100
110 5.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.82 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX021789.D
Acq: 21 Apr 2021 13:55

Tgt Ion: 117 Resp: 15484
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#

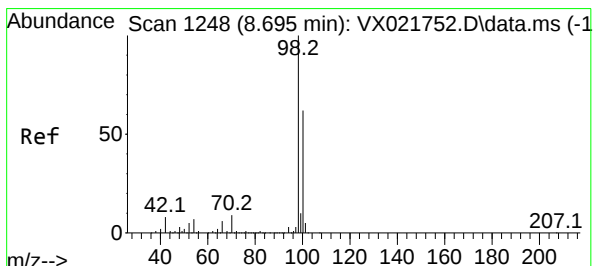
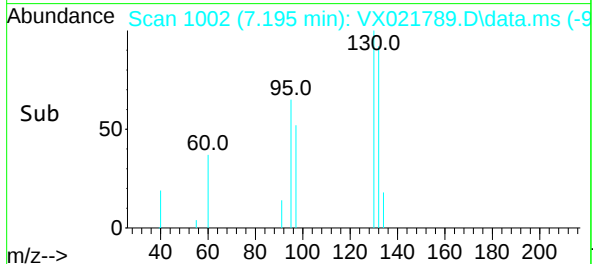
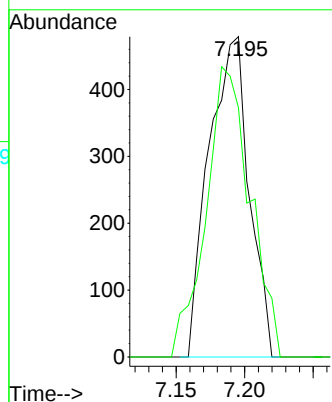
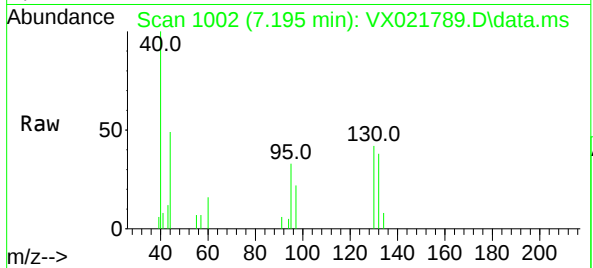




#44
Trichloroethene
Concen: 0.46 ug/l
RT: 7.195 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VX021789.D
Acq: 21 Apr 2021 13:55

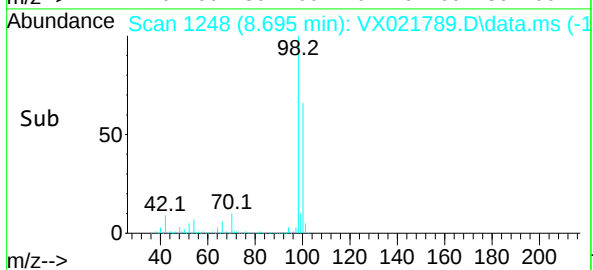
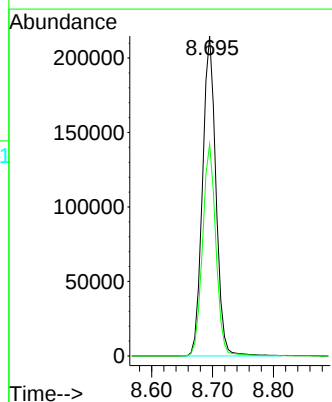
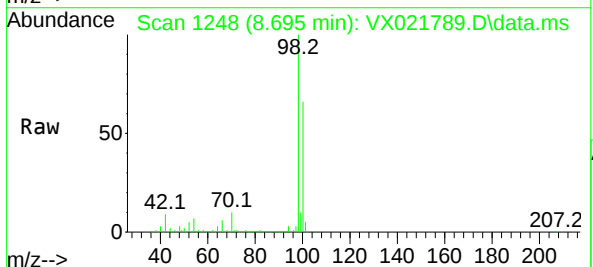
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-58-60

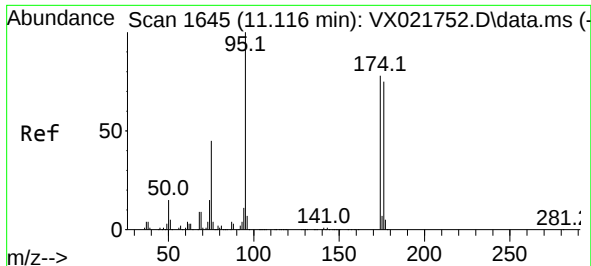
Tgt Ion:130 Resp: 979
Ion Ratio Lower Upper
130 100
95 77.9 0.0 198.0



#50
Toluene-d8
Concen: 48.64 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX021789.D
Acq: 21 Apr 2021 13:55

Tgt Ion: 98 Resp: 329150
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

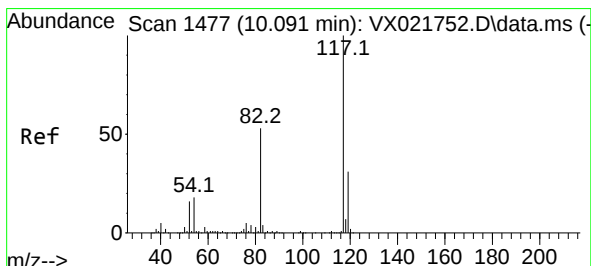
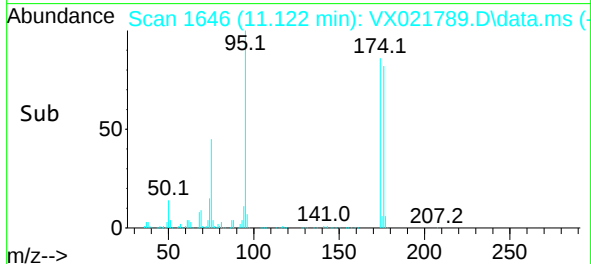
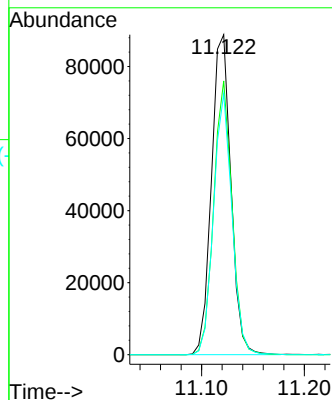
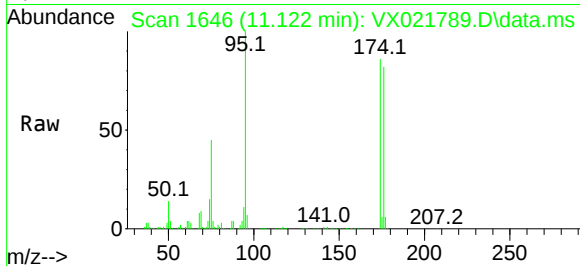




#62
4-Bromofluorobenzene
Concen: 46.05 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.006 min
Lab File: VX021789.D
Acq: 21 Apr 2021 13:55

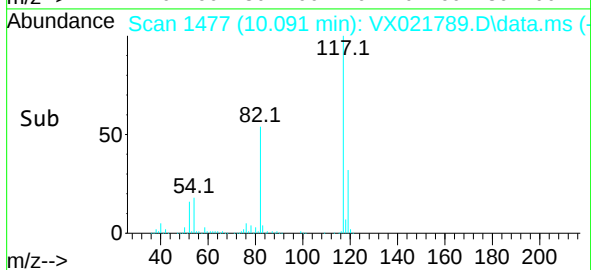
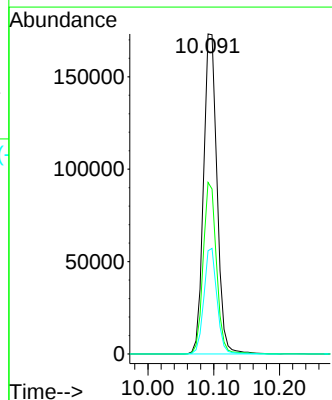
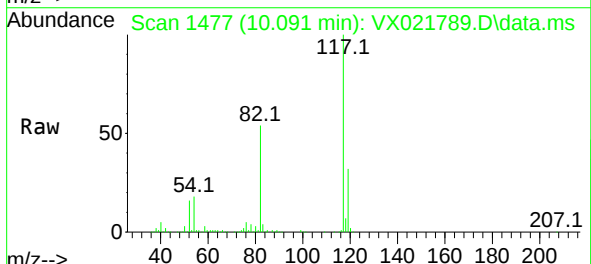
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-58-60

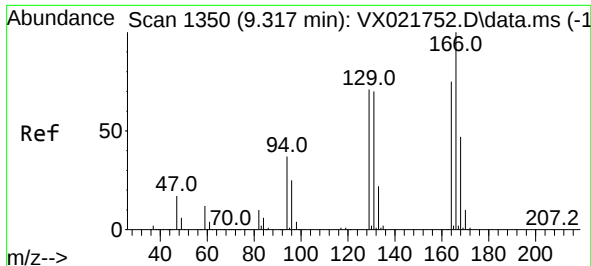
Tgt Ion: 95 Resp: 116362
Ion Ratio Lower Upper
95 100
174 80.6 0.0 154.6
176 77.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.091 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VX021789.D
Acq: 21 Apr 2021 13:55

Tgt Ion: 117 Resp: 246870
Ion Ratio Lower Upper
117 100
82 53.6 47.4 71.2
119 32.3 26.6 39.8

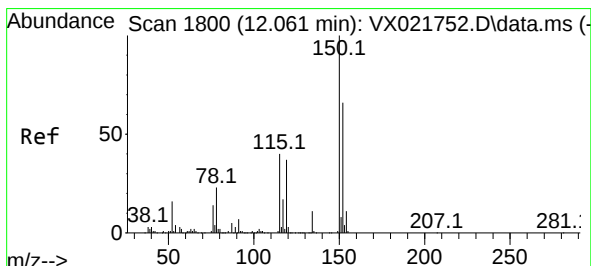
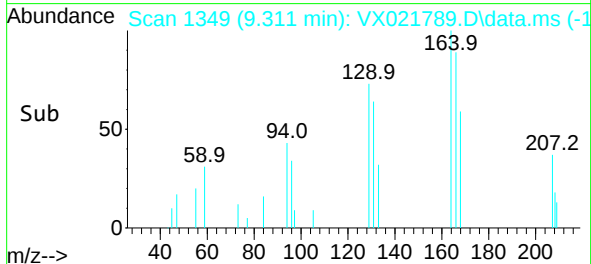
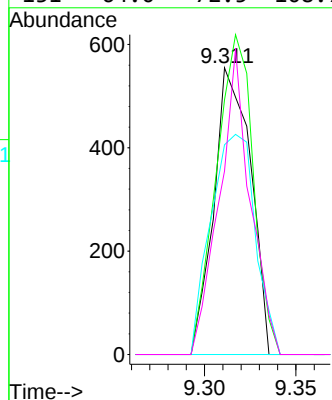
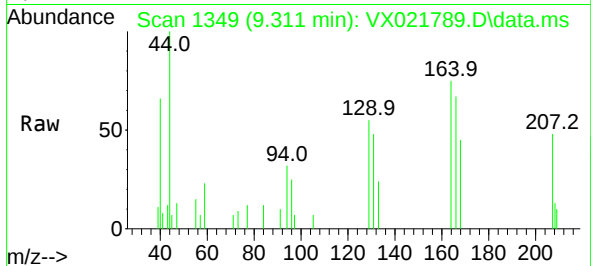




#64
Tetrachloroethene
Concen: 0.40 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VX021789.D
Acq: 21 Apr 2021 13:55

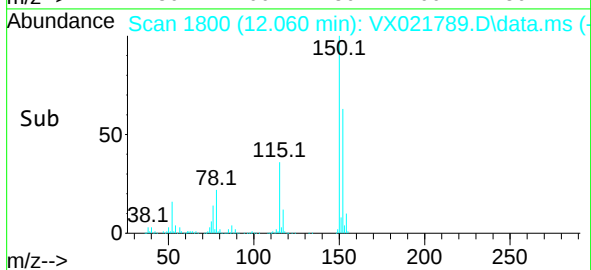
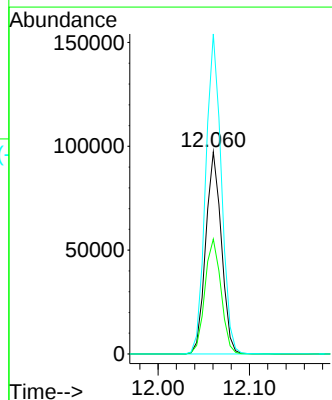
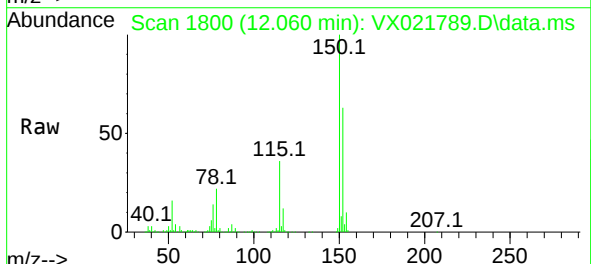
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-58-60

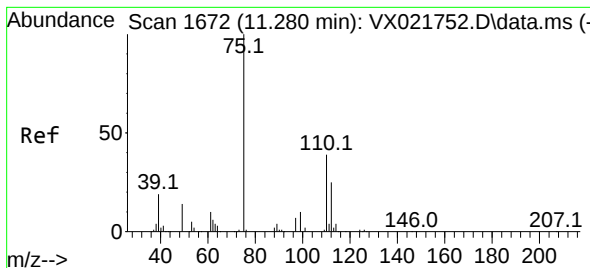
Tgt Ion:164	Resp:	776
Ion	Ratio	Lower Upper
164	100	
166	88.8	103.4 155.2#
129	73.2	70.8 106.2
131	64.0	72.5 108.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.060 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VX021789.D
Acq: 21 Apr 2021 13:55

Tgt Ion:152	Resp:	115479
Ion	Ratio	Lower Upper
152	100	
115	58.6	41.1 123.3
150	158.5	0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 23.28 ug/l

RT: 11.122 min Scan# 1646

Delta R.T. -0.158 min

Lab File: VX021789.D

Acq: 21 Apr 2021 13:55

Tgt Ion: 75 Resp: 53318

Ion Ratio Lower Upper

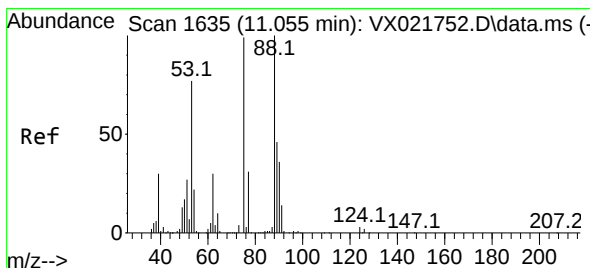
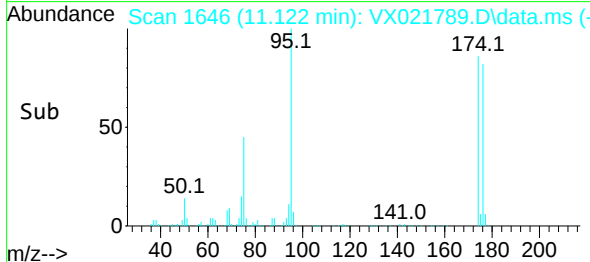
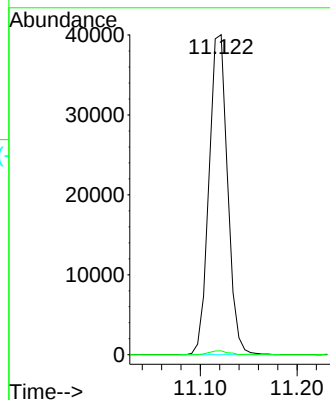
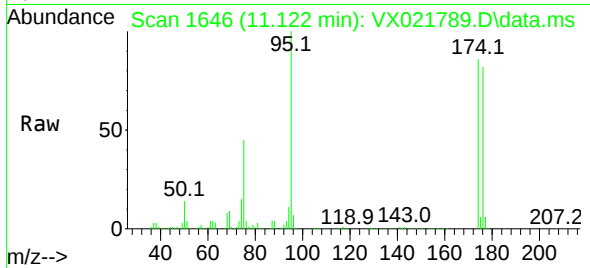
75 100
77 1.3 19.1 57.5#

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW8-GW-58-60



#81

trans-1,4-Dichloro-2-butene

Concen: 53.54 ug/l

RT: 11.122 min Scan# 1646

Delta R.T. 0.067 min

Lab File: VX021789.D

Acq: 21 Apr 2021 13:55

Tgt Ion: 75 Resp: 53318

Ion Ratio Lower Upper

75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

