

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060721\
 Data File : VX022534.D
 Acq On : 07 Jun 2021 15:21
 Operator : JC/MD
 Sample : VX0607MBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBL01

Quant Time: Jun 07 17:04:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

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

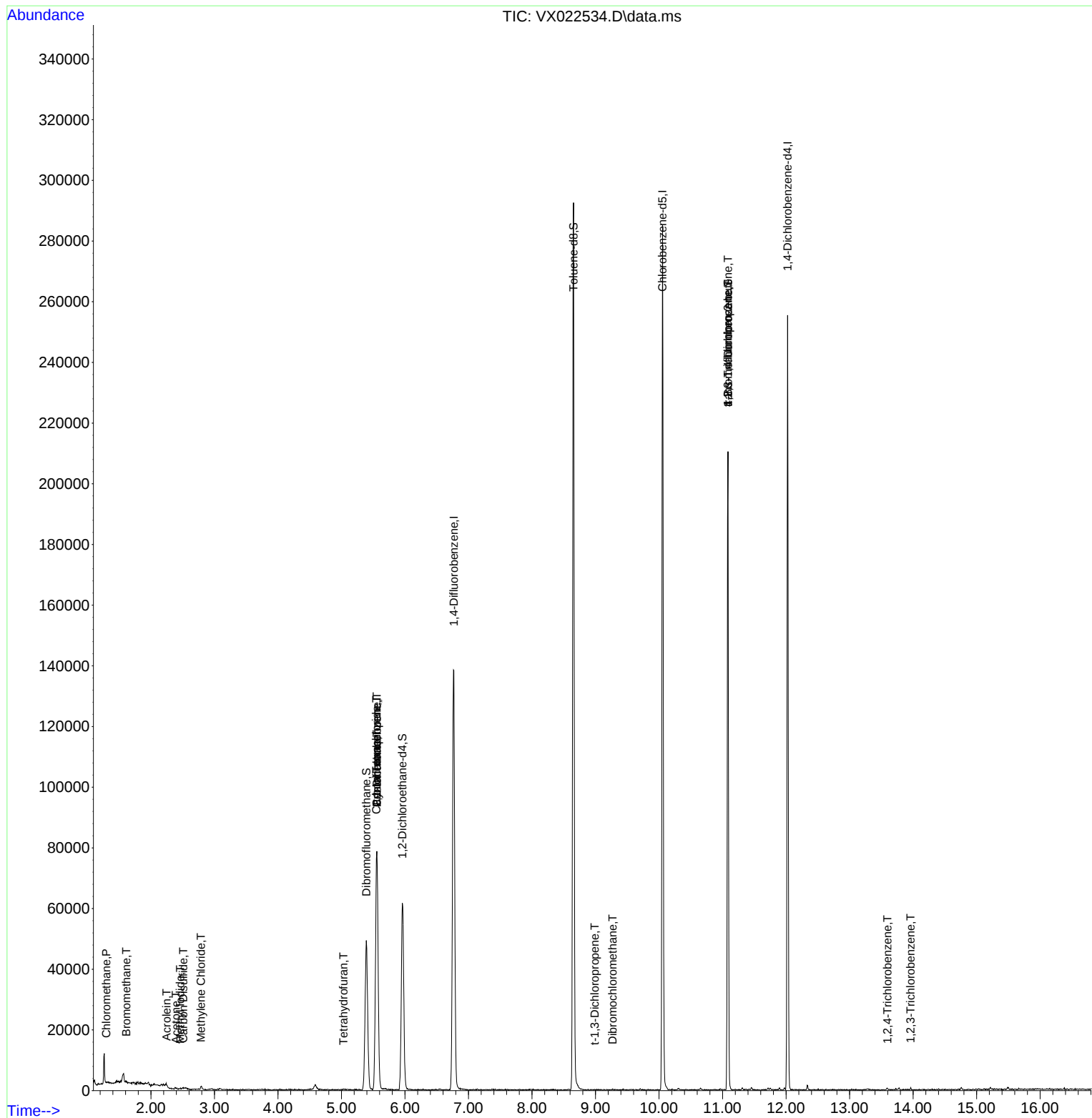
Internal Standards						
1) Pentafluorobenzene	5.556	168	67661	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	141524	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56144	46.676	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.360%		
35) Dibromofluoromethane	5.391	113	41281	46.621	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.240%		
50) Toluene-d8	8.653	98	168592	47.718	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.440%		
62) 4-Bromofluorobenzene	11.085	95	57508	43.791	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.580%		
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	329	0.345	ug/l	# 77
5) Bromomethane	1.611	94	254	0.520	ug/l	84
10) Methyl Iodide	2.459	142	356	0.364	ug/l	# 55
13) Acrolein	2.245	56	49	3.496	ug/l	# 54
16) Acetone	2.392	43	470	0.870	ug/l	# 86
17) Carbon Disulfide	2.508	76	690	3.684	ug/l	# 77
20) Methylene Chloride	2.788	84	433	0.384	ug/l	# 92
29) Tetrahydrofuran	5.032	42	118	0.225	ug/l	# 27
31) Cyclohexane	5.556	56	2080	1.462	ug/l	# 27
36) 1,1-Dichloropropene	5.556	75	6634	4.846	ug/l	# 44
38) Carbon Tetrachloride	5.550	117	8188	8.252	ug/l	# 15
53) t-1,3-Dichloropropene	8.988	75	77	3.302	ug/l	# 44
60) Dibromochloromethane	9.269	129	22	3.592	ug/l	# 11
76) 1,2,3-Trichloropropane	11.085	75	31263	26.007	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	31263	64.123	ug/l	# 12
93) 1,2,4-Trichlorobenzene	13.597	180	253	0.280	ug/l	# 74
96) 1,2,3-Trichlorobenzene	13.963	180	247	0.274	ug/l	# 49

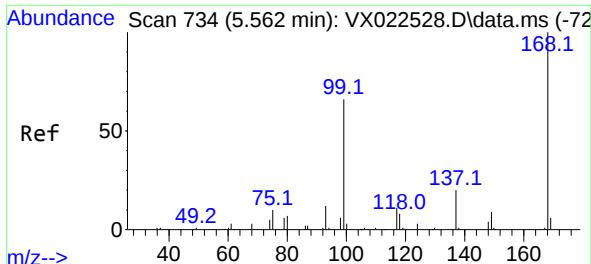
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 07 17:04:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
Response via : Initial Calibration

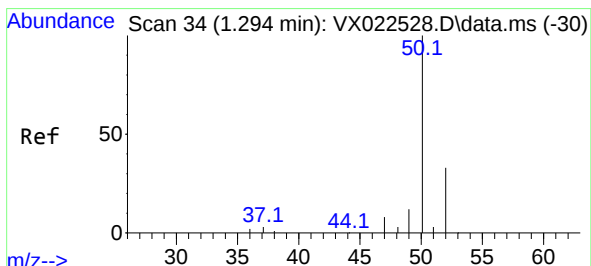
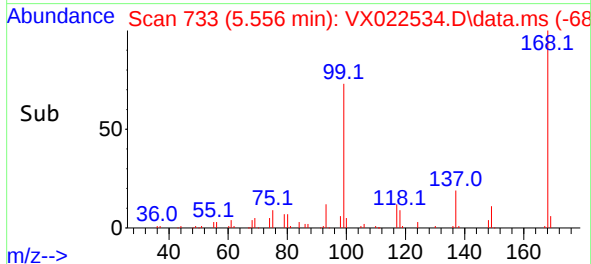
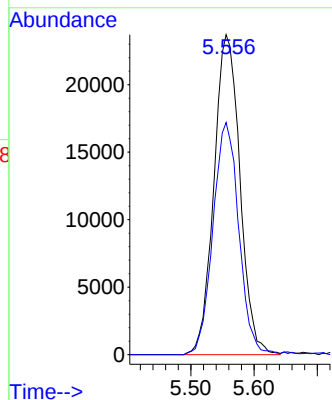
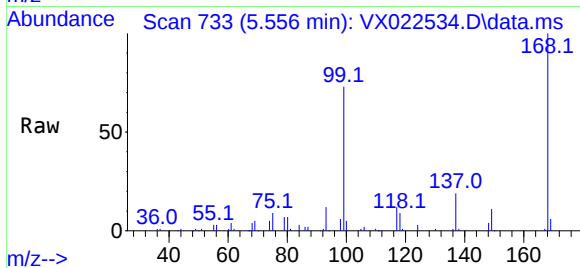




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022534.D
Acq: 07 Jun 2021 15:21

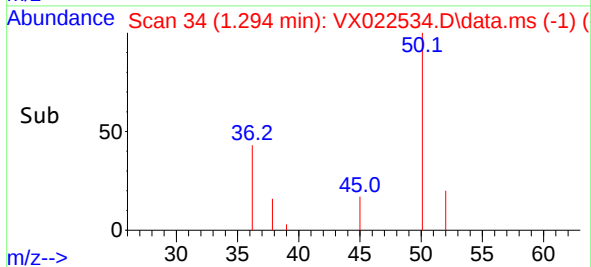
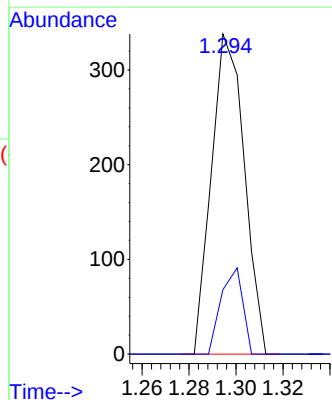
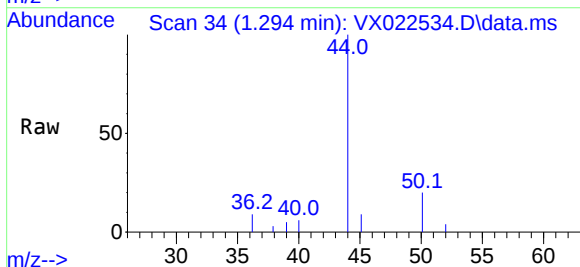
Instrument :
MSVOA_X
ClientSampleId :
VX0607MBL01

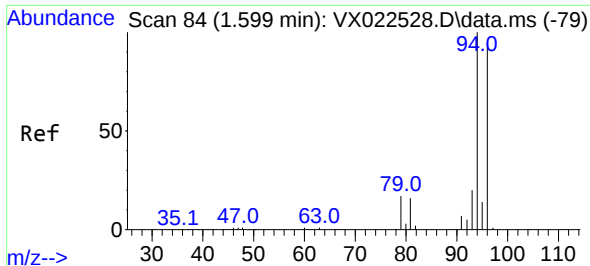
Tgt Ion:168 Resp: 67661
Ion Ratio Lower Upper
168 100
99 72.5 45.8 68.6#



#3
Chloromethane
Concen: 0.345 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX022534.D
Acq: 07 Jun 2021 15:21

Tgt Ion: 50 Resp: 329
Ion Ratio Lower Upper
50 100
52 20.1 26.4 39.6#

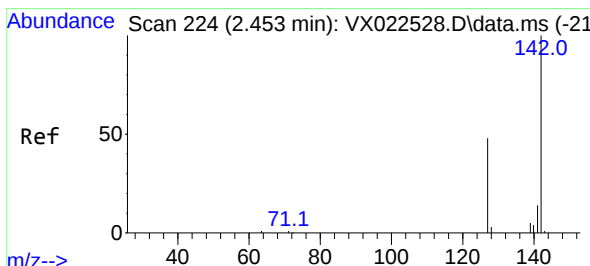
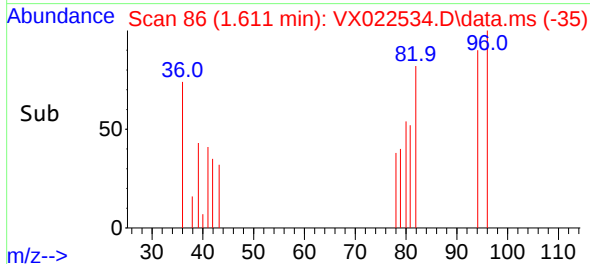
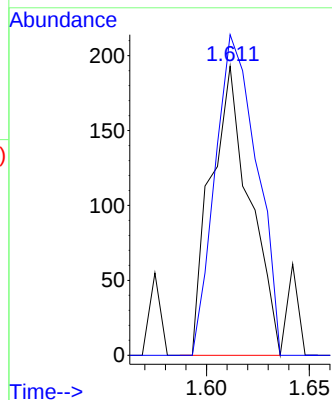
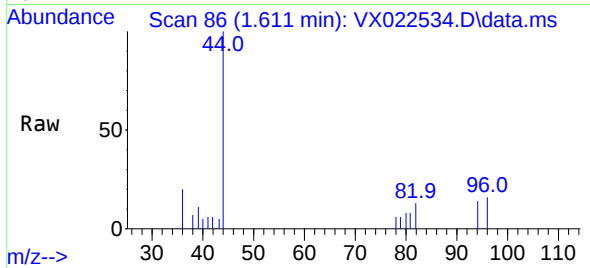




#5
Bromomethane
Concen: 0.520 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX022534.D
Acq: 07 Jun 2021 15:21

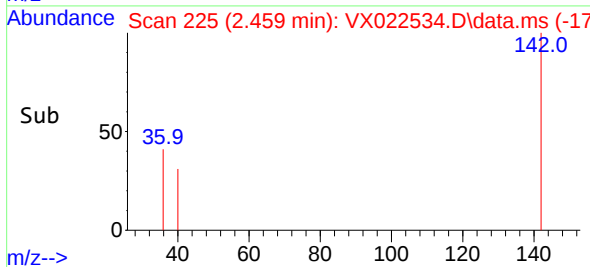
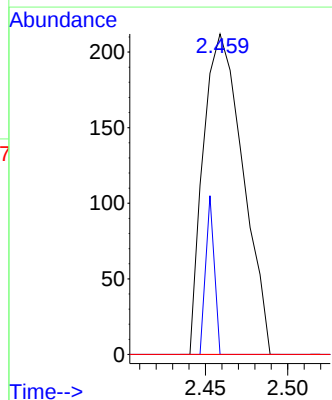
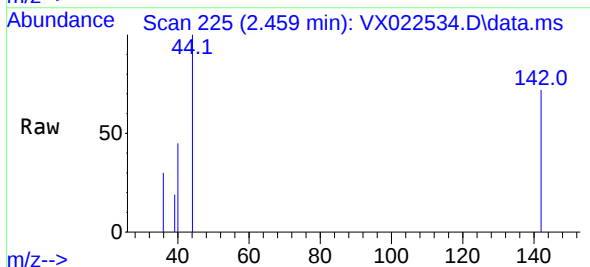
Instrument :
MSVOA_X
ClientSampleId :
VX0607MBL01

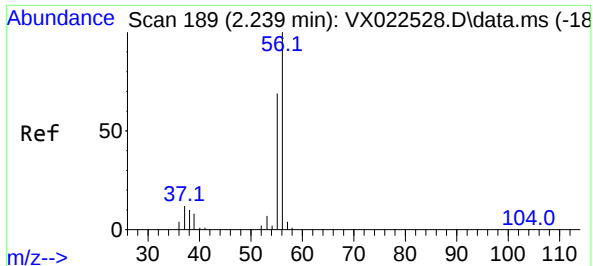
Tgt Ion: 94 Resp: 254
Ion Ratio Lower Upper
94 100
96 110.9 76.4 114.6



#10
Methyl Iodide
Concen: 0.364 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022534.D
Acq: 07 Jun 2021 15:21

Tgt Ion: 142 Resp: 356
Ion Ratio Lower Upper
142 100
127 10.7 33.3 49.9#
141 0.0 11.4 17.0#

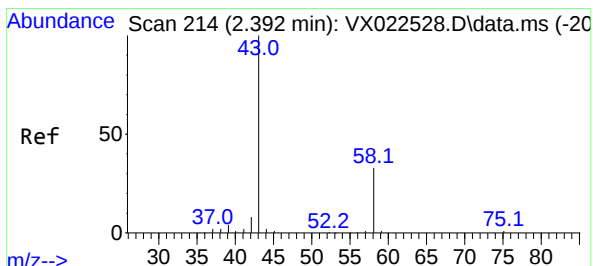
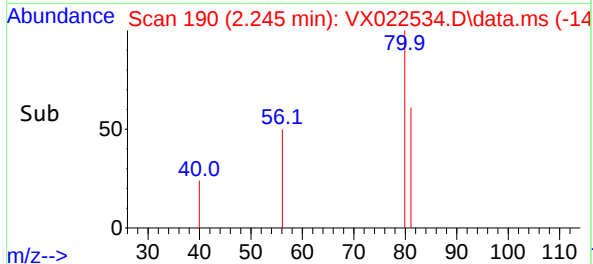
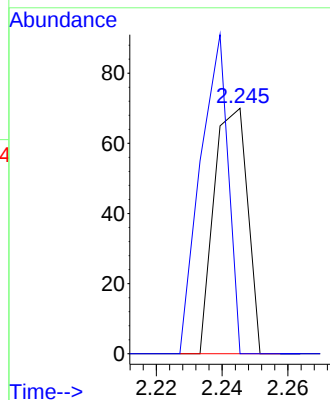
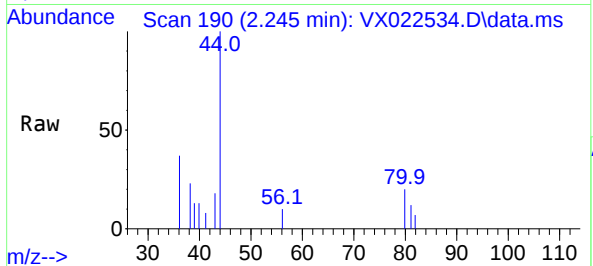




#13
Acrolein
Concen: 3.496 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX022534.D
Acq: 07 Jun 2021 15:21

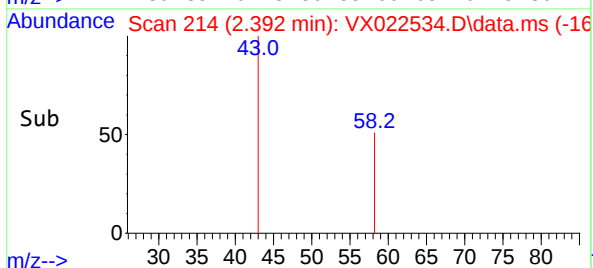
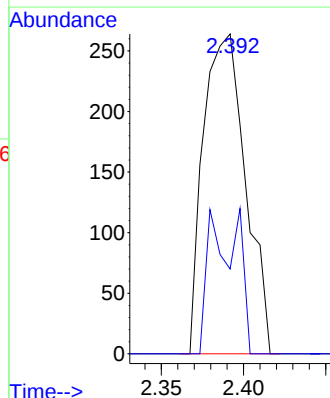
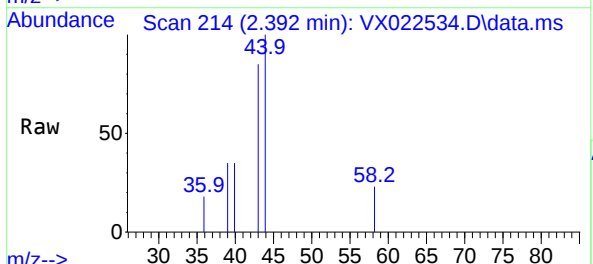
Instrument :
MSVOA_X
ClientSampleId :
VX0607MBL01

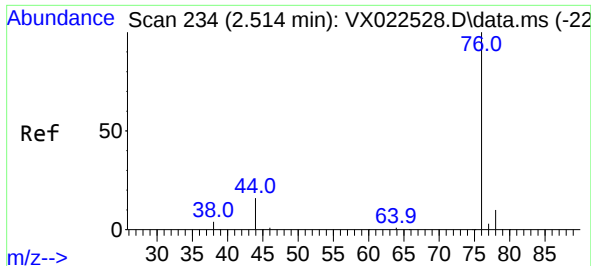
Tgt Ion: 56 Resp: 49
Ion Ratio Lower Upper
56 100
55 108.2 56.4 84.6#



#16
Acetone
Concen: 0.870 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022534.D
Acq: 07 Jun 2021 15:21

Tgt Ion: 43 Resp: 470
Ion Ratio Lower Upper
43 100
58 26.5 27.8 41.8#

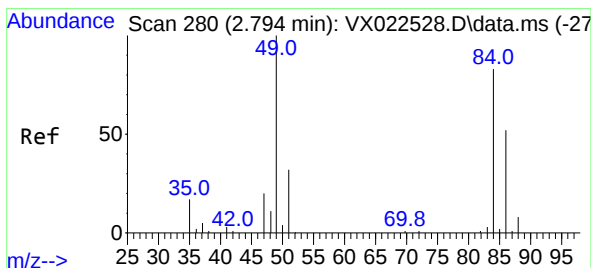
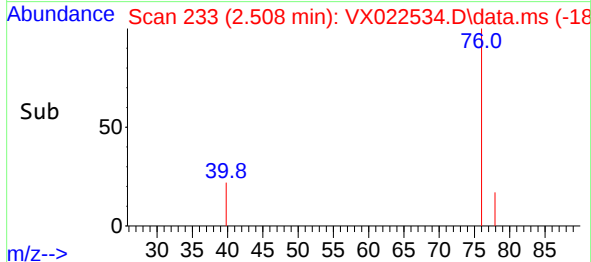
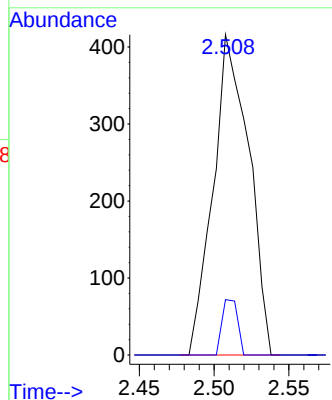
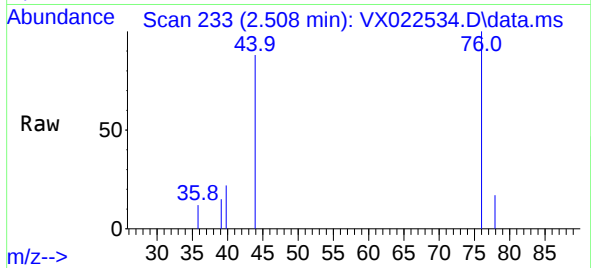




#17
Carbon Disulfide
Concen: 3.684 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX022534.D
Acq: 07 Jun 2021 15:21

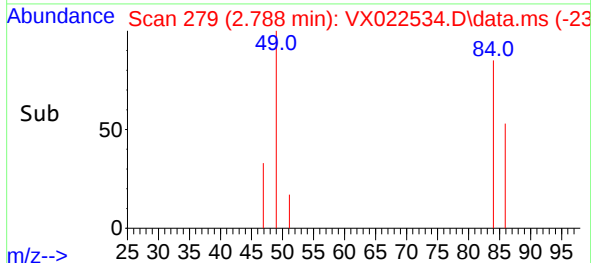
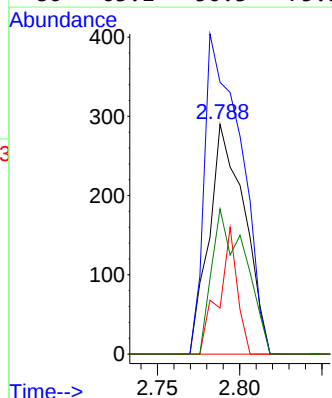
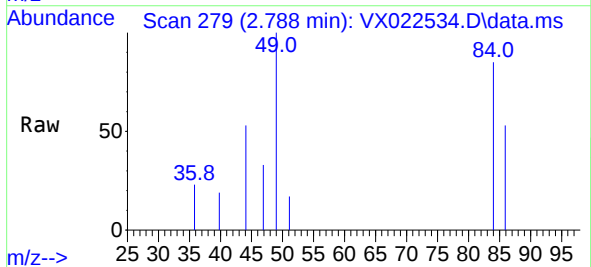
Instrument :
MSVOA_X
ClientSampleId :
VX0607MBL01

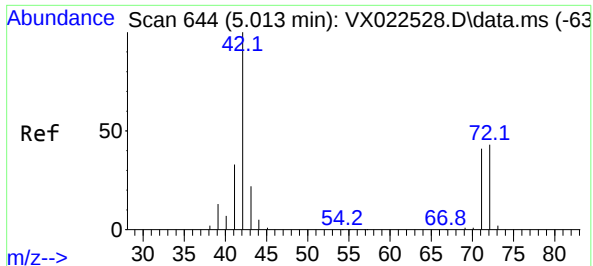
Tgt Ion: 76 Resp: 690
Ion Ratio Lower Upper
76 100
78 17.3 7.2 10.8#



#20
Methylene Chloride
Concen: 0.384 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022534.D
Acq: 07 Jun 2021 15:21

Tgt Ion: 84 Resp: 433
Ion Ratio Lower Upper
84 100
49 118.3 88.6 132.8
51 20.0 27.0 40.6#
86 63.1 50.3 75.5





#29

Tetrahydrofuran

Concen: 0.225 ug/l

RT: 5.032 min Scan# 647

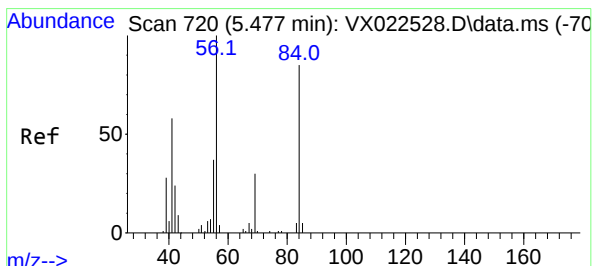
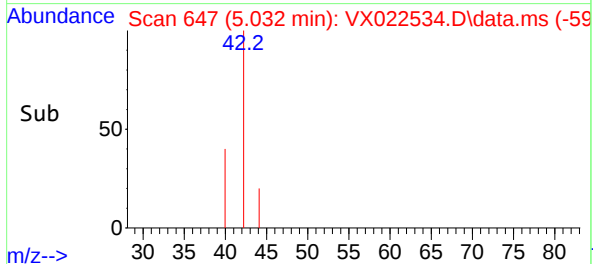
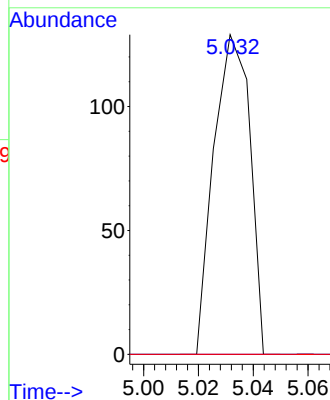
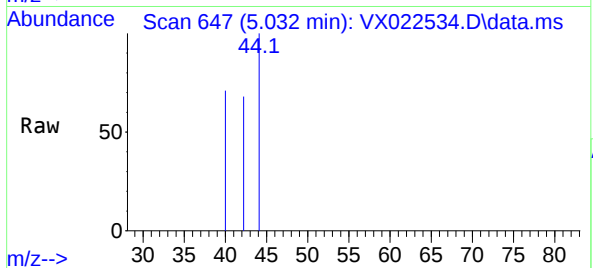
Delta R.T. 0.019 min

Lab File: VX022534.D

Acq: 07 Jun 2021 15:21

Tgt Ion:	42	Resp:	118
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBL01



#31

Cyclohexane

Concen: 1.462 ug/l

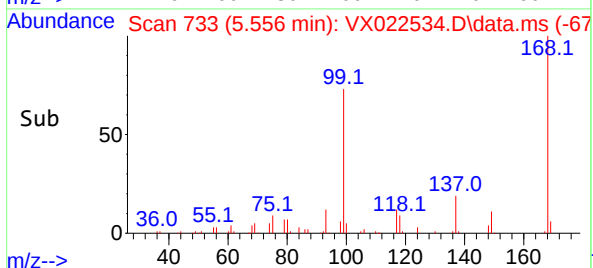
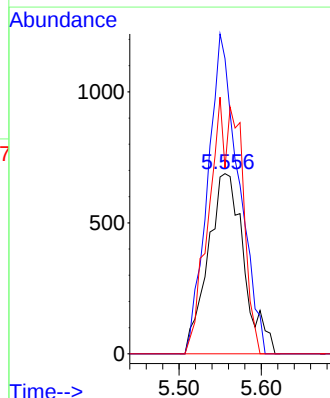
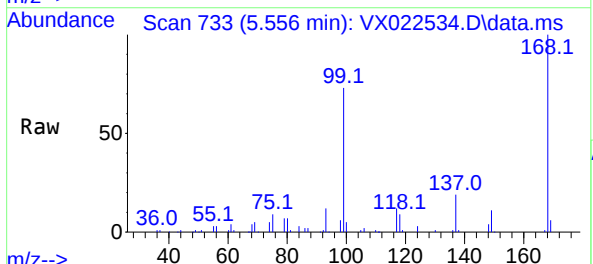
RT: 5.556 min Scan# 733

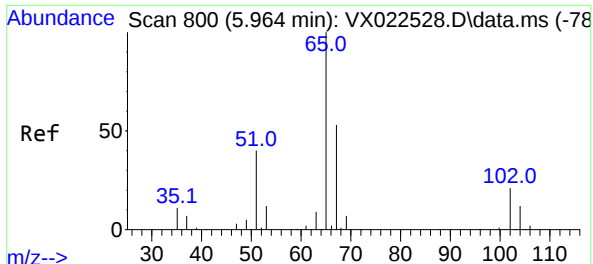
Delta R.T. 0.079 min

Lab File: VX022534.D

Acq: 07 Jun 2021 15:21

Tgt Ion:	56	Resp:	2080
Ion	Ratio	Lower	Upper
56	100		
69	163.8	25.3	37.9#
84	103.1	71.4	107.0



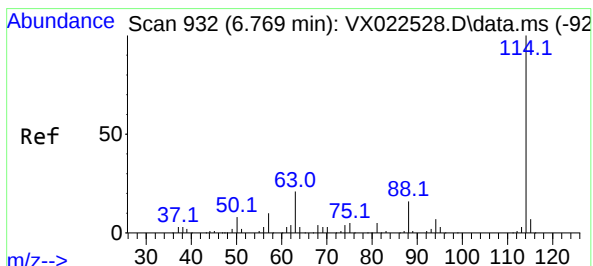
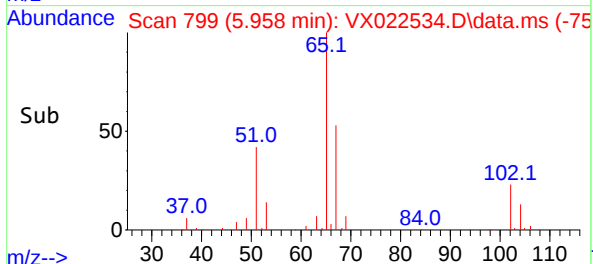
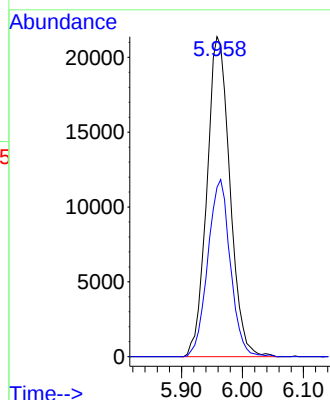
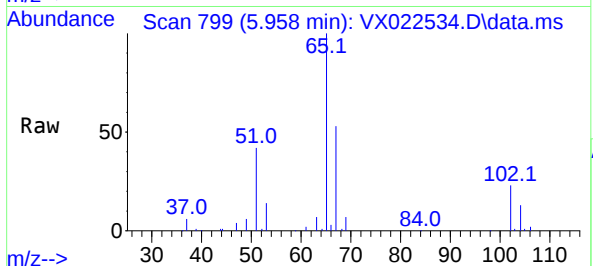


#33

1,2-Dichloroethane-d4
Concen: 46.676 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX022534.D
Acq: 07 Jun 2021 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBL01

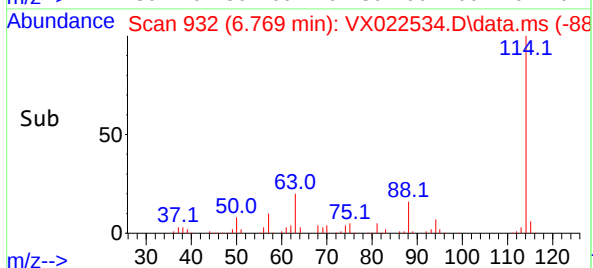
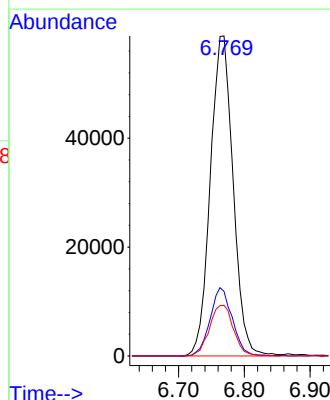
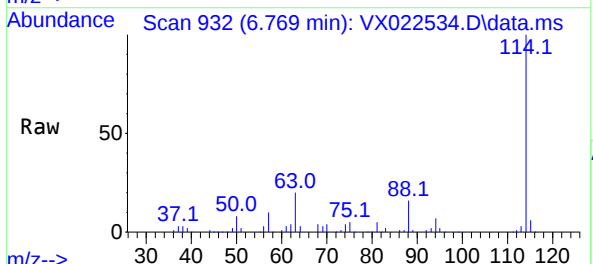
Tgt Ion: 65 Resp: 56144
Ion Ratio Lower Upper
65 100
67 54.2 0.0 105.4

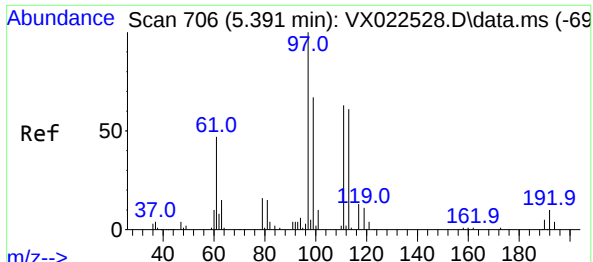


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022534.D
Acq: 07 Jun 2021 15:21

Tgt Ion: 114 Resp: 141524
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 15.8 0.0 32.8

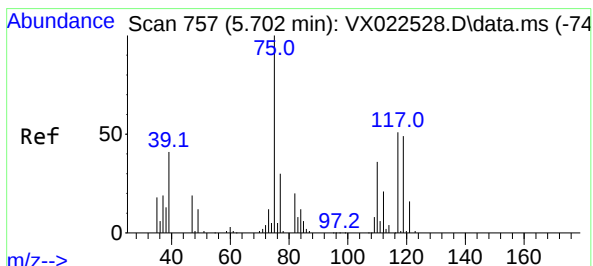
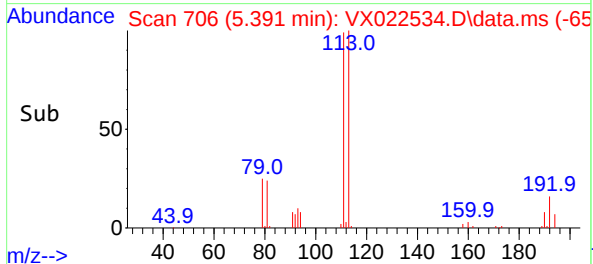
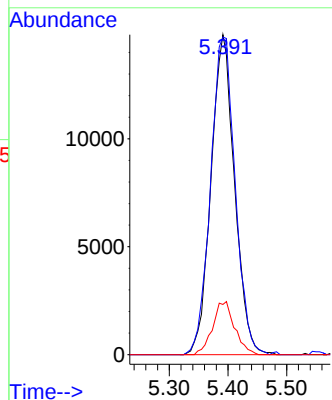
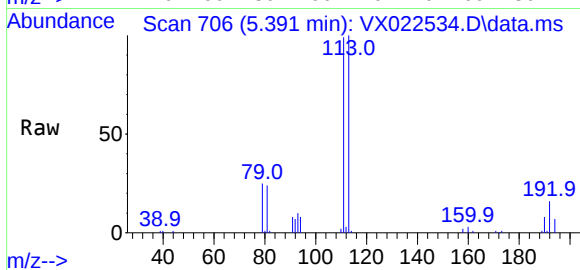




#35
Dibromofluoromethane
Concen: 46.621 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022534.D
Acq: 07 Jun 2021 15:21

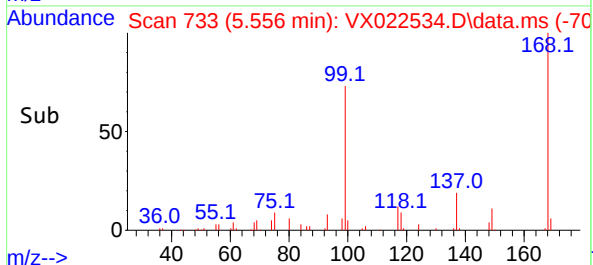
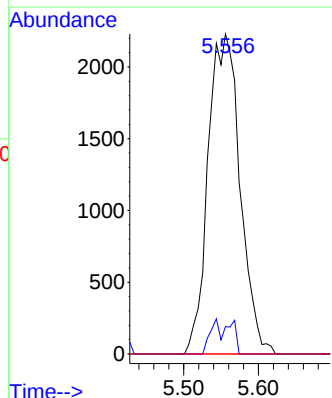
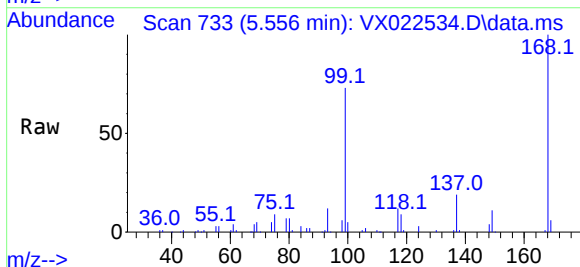
Instrument :
MSVOA_X
ClientSampleId :
VX0607MBL01

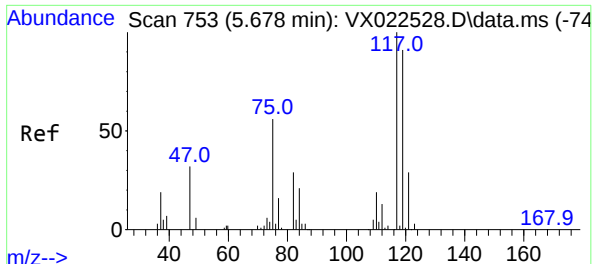
Tgt Ion:113 Resp: 41281
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 15.5 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.846 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022534.D
Acq: 07 Jun 2021 15:21

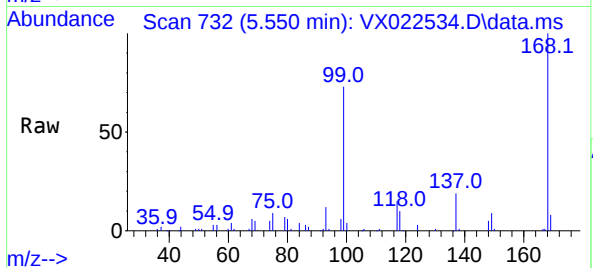
Tgt Ion: 75 Resp: 6634
Ion Ratio Lower Upper
75 100
110 3.4 18.1 54.4#
77 0.0 25.3 37.9#



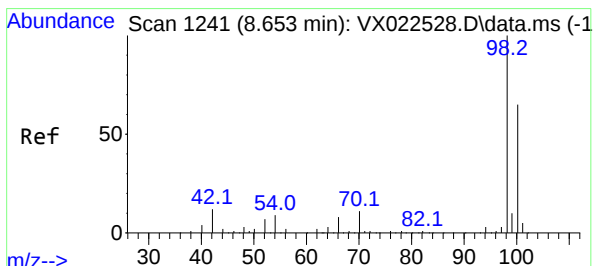
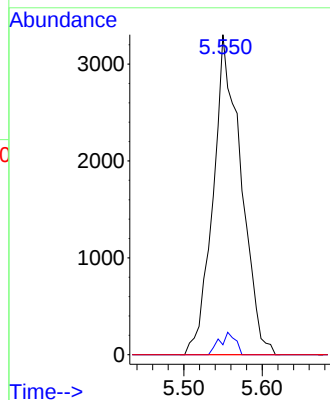
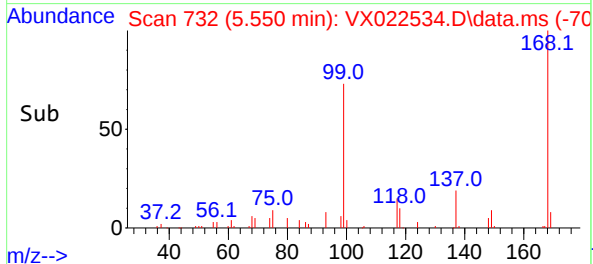


#38
Carbon Tetrachloride
Concen: 8.252 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX022534.D
Acq: 07 Jun 2021 15:21

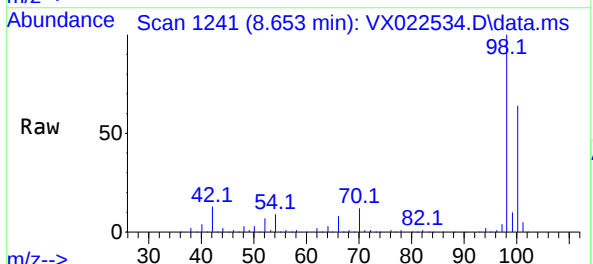
Instrument :
MSVOA_X
ClientSampleId :
VX0607MBL01



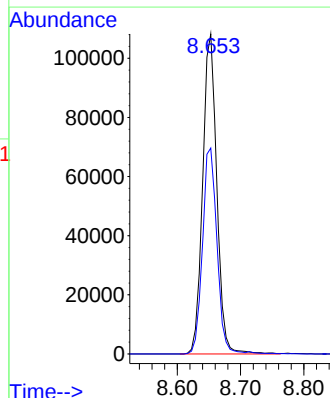
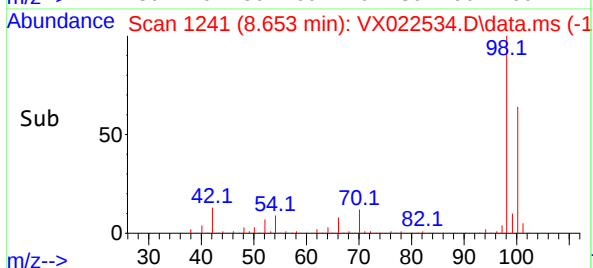
Tgt Ion:117 Resp: 8188
Ion Ratio Lower Upper
117 100
119 3.1 76.2 114.2#
121 0.0 24.8 37.2#

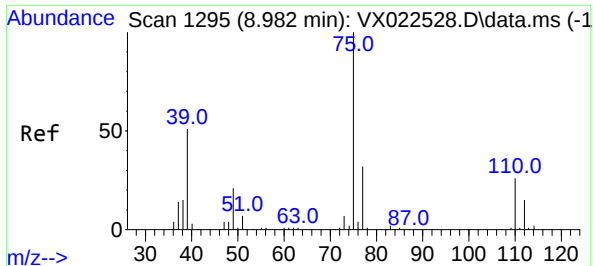


#50
Toluene-d8
Concen: 47.718 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022534.D
Acq: 07 Jun 2021 15:21



Tgt Ion: 98 Resp: 168592
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

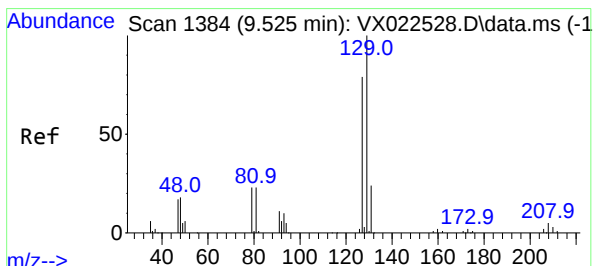
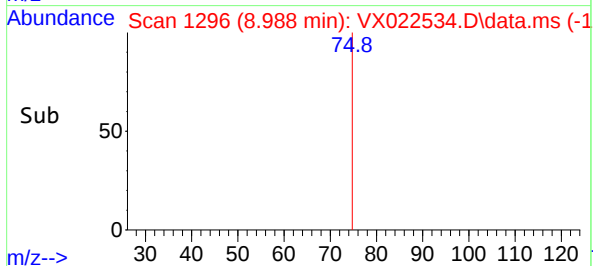
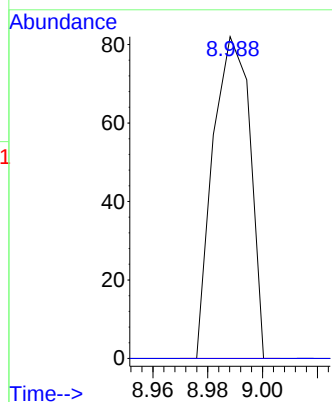
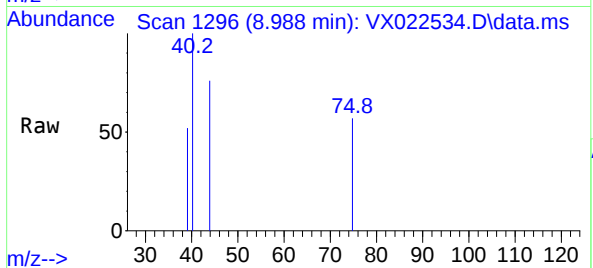




#53
t-1,3-Dichloropropene
Concen: 3.302 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX022534.D
Acq: 07 Jun 2021 15:21

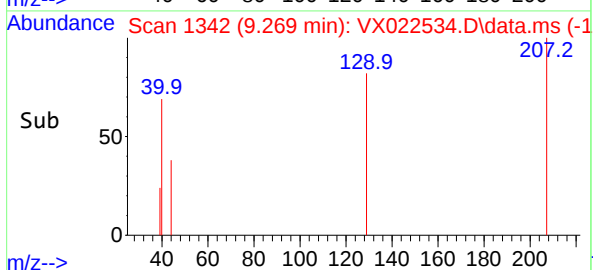
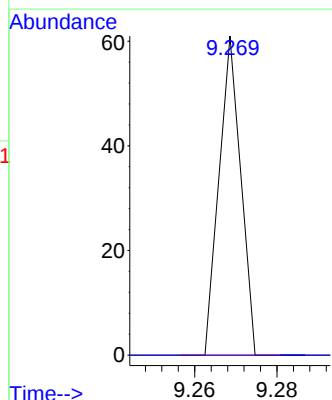
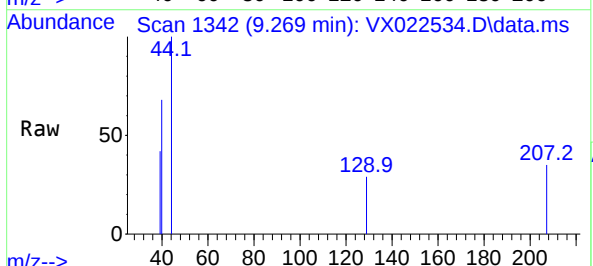
Instrument :
MSVOA_X
ClientSampleId :
VX0607MBL01

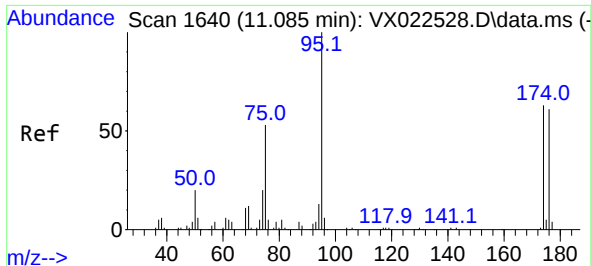
Tgt Ion: 75 Resp: 77
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#60
Dibromochloromethane
Concen: 3.592 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.256 min
Lab File: VX022534.D
Acq: 07 Jun 2021 15:21

Tgt Ion: 129 Resp: 22
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

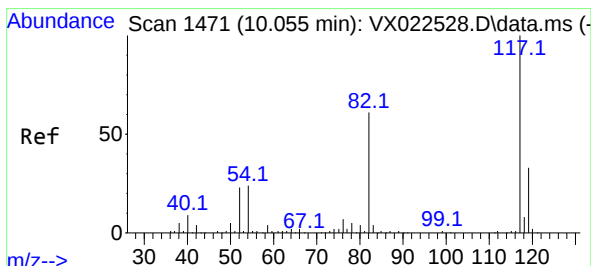
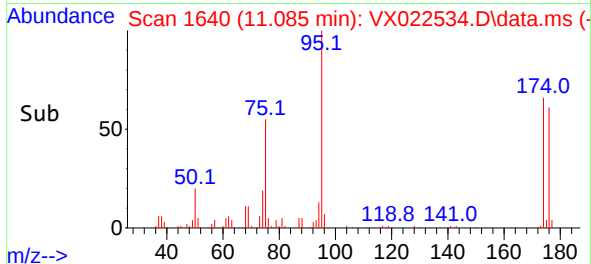
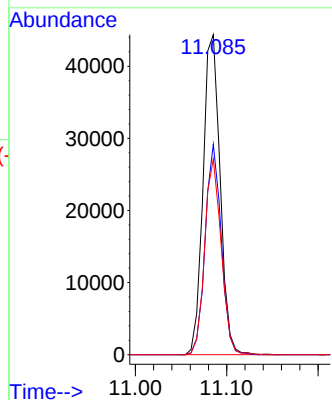
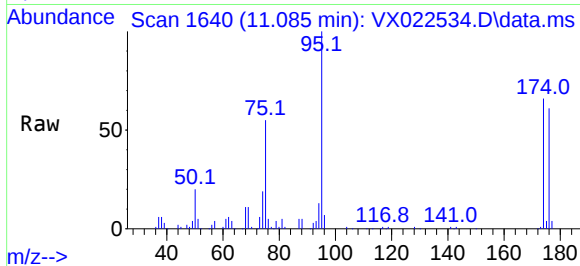




#62
4-Bromofluorobenzene
Concen: 43.791 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022534.D
Acq: 07 Jun 2021 15:21

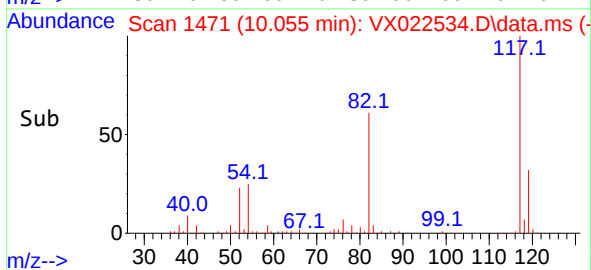
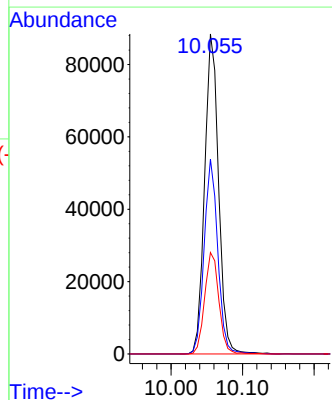
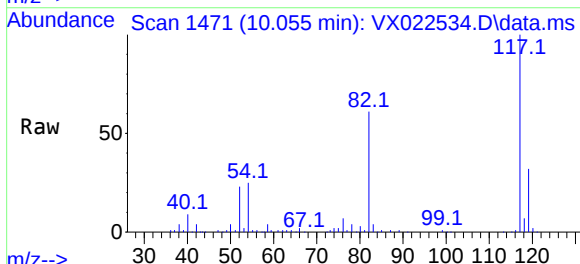
Instrument :
MSVOA_X
ClientSampleId :
VX0607MBL01

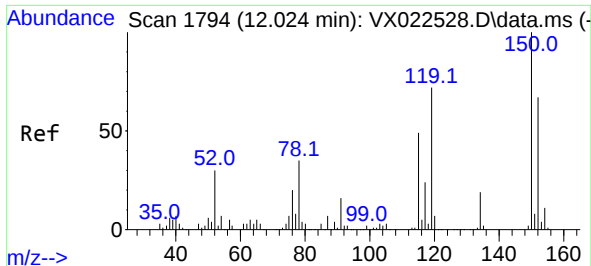
Tgt Ion: 95 Resp: 57508
Ion Ratio Lower Upper
95 100
174 61.8 0.0 154.6
176 59.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022534.D
Acq: 07 Jun 2021 15:21

Tgt Ion: 117 Resp: 119905
Ion Ratio Lower Upper
117 100
82 60.9 47.4 71.2
119 31.7 26.6 39.8

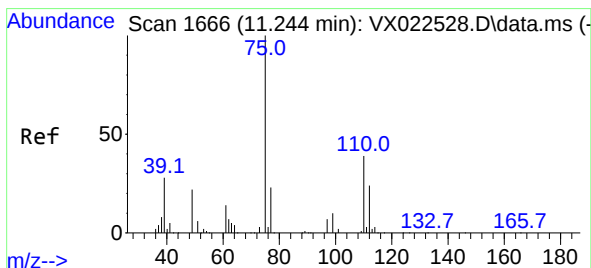
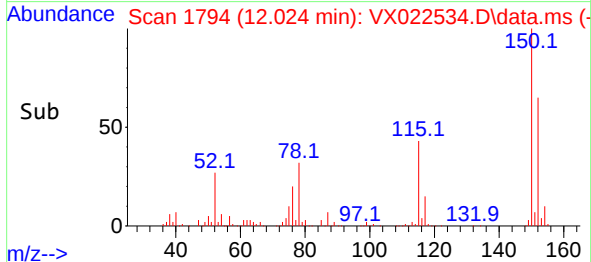
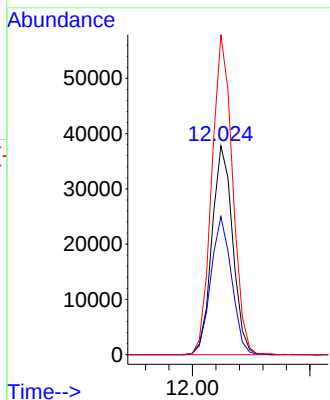
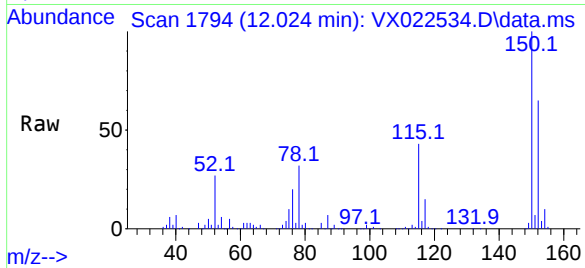




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX022534.D
 Acq: 07 Jun 2021 15:21

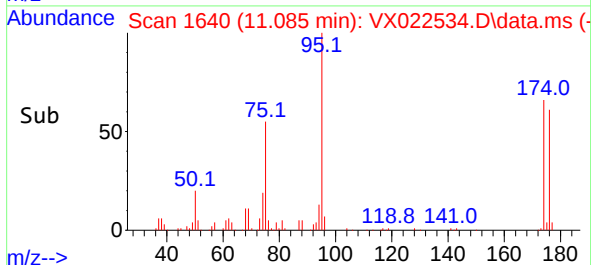
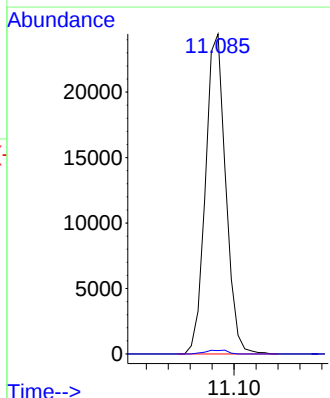
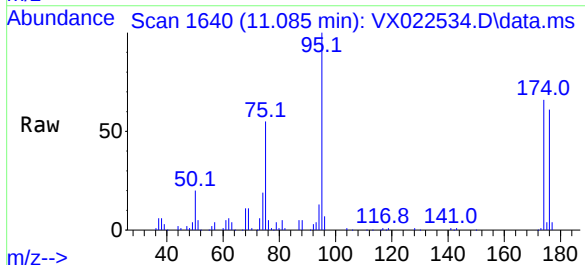
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBL01

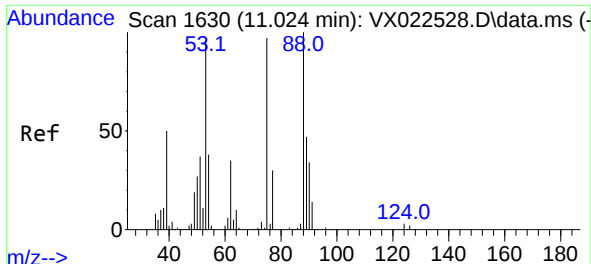
Tgt Ion:152 Resp: 46403
 Ion Ratio Lower Upper
 152 100
 115 66.3 41.1 123.3
 150 153.2 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.007 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022534.D
 Acq: 07 Jun 2021 15:21

Tgt Ion: 75 Resp: 31263
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#

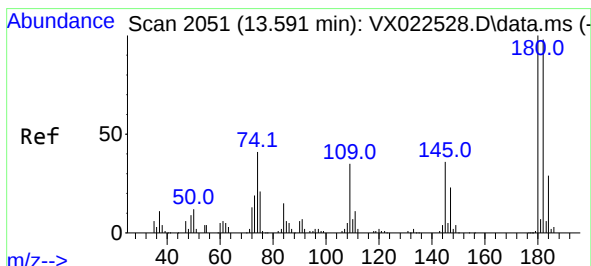
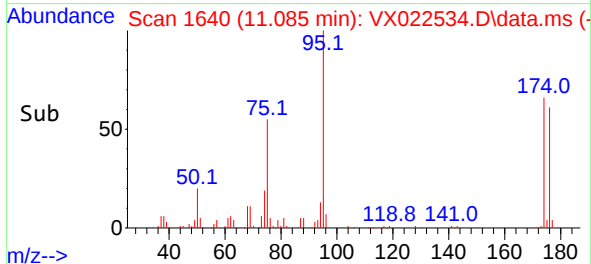
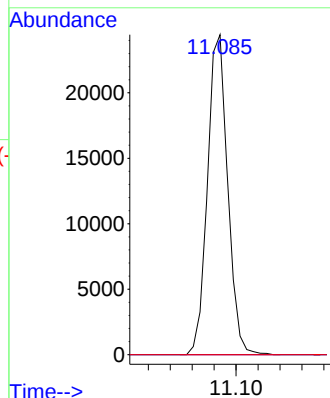
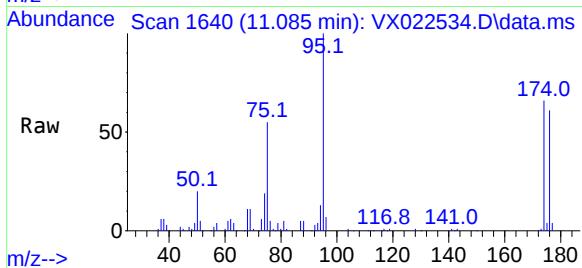




#81
trans-1,4-Dichloro-2-butene
Concen: 64.123 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022534.D
Acq: 07 Jun 2021 15:21

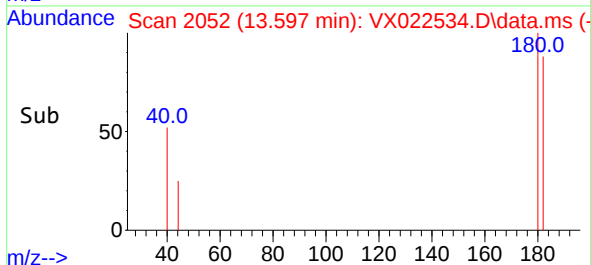
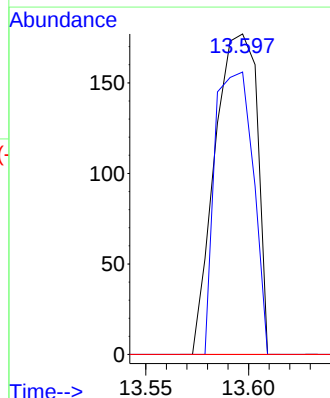
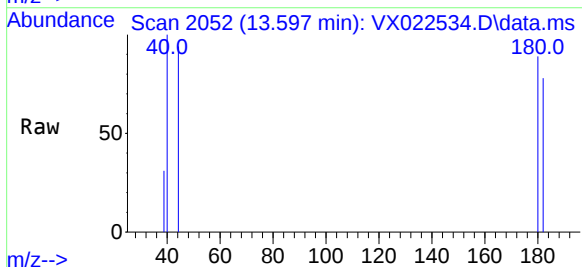
Instrument :
MSVOA_X
ClientSampleId :
VX0607MBL01

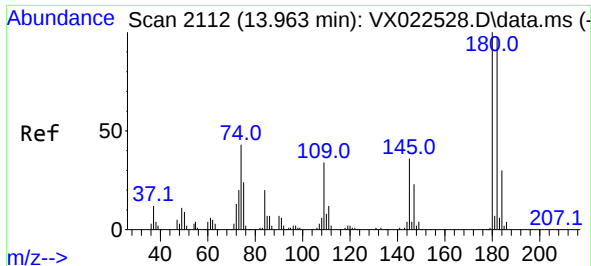
Tgt Ion: 75 Resp: 31263
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#93
1,2,4-Trichlorobenzene
Concen: 0.280 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX022534.D
Acq: 07 Jun 2021 15:21

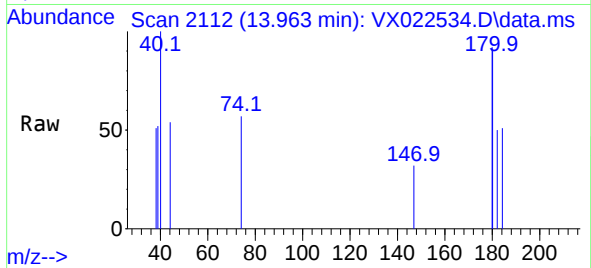
Tgt Ion:180 Resp: 253
Ion Ratio Lower Upper
180 100
182 79.1 47.7 143.1
145 0.0 15.0 45.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.274 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX022534.D
 Acq: 07 Jun 2021 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBL01



Tgt Ion:	180	Resp:	247
Ion	Ratio	Lower	Upper
180	100		
182	48.2	47.6	142.9
145	0.0	16.1	48.3#

