

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082221\
 Data File : VX023877.D
 Acq On : 20 Aug 2021 15:09
 Operator : JC/MD
 Sample : VX0822WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 20 16:19:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

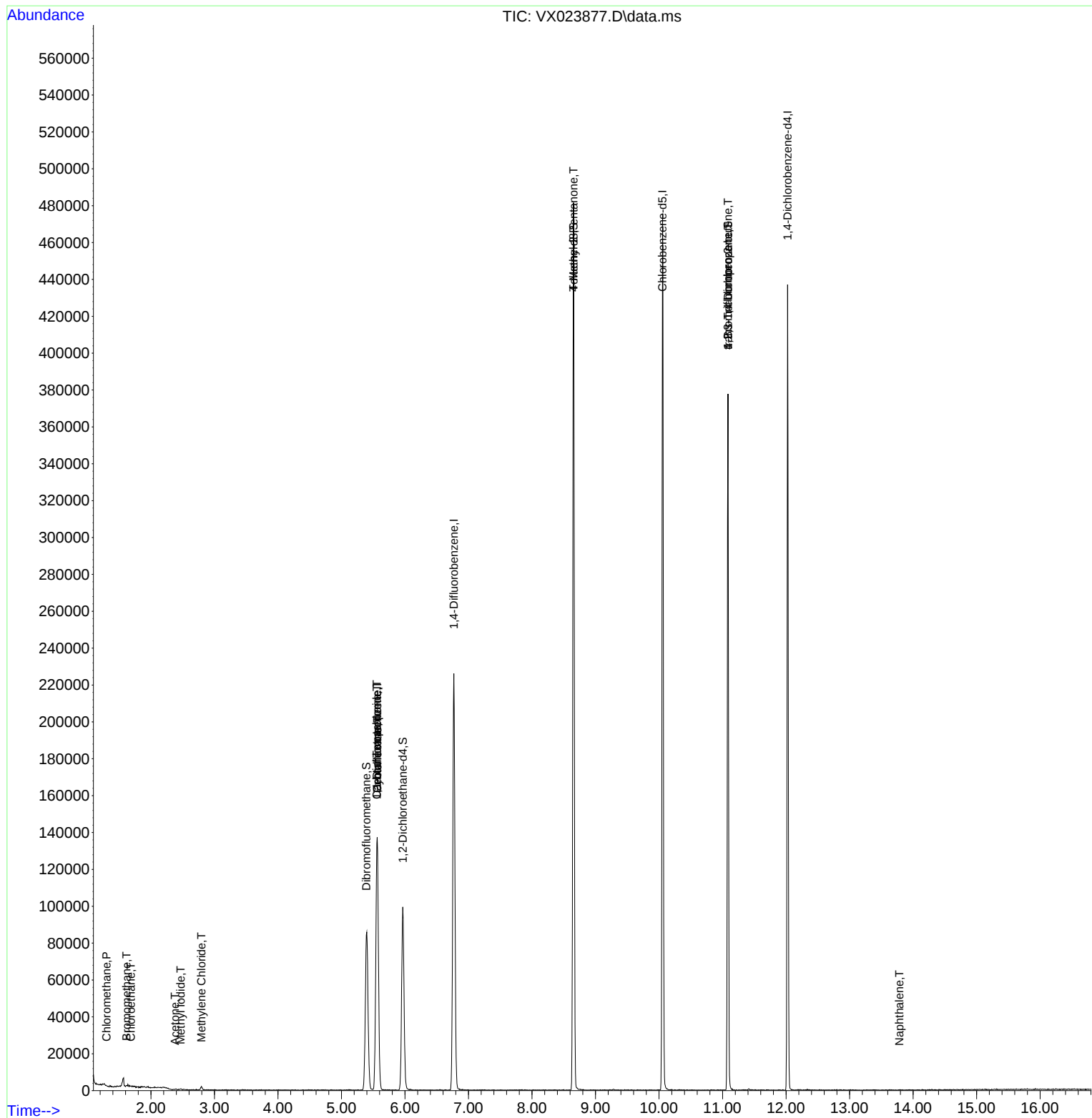
Internal Standards						
1) Pentafluorobenzene	5.562	168	128514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	223797	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	95439	53.209	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.420%	
35) Dibromofluoromethane	5.391	113	74461	50.269	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.540%	
50) Toluene-d8	8.653	98	273122	48.445	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.900%	
62) 4-Bromofluorobenzene	11.085	95	94237	45.407	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.820%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	310	0.208	ug/l #	87
5) Bromomethane	1.618	94	503	0.551	ug/l	87
6) Chloroethane	1.685	64	19	2.233	ug/l #	43
10) Methyl Iodide	2.465	142	376	0.209	ug/l #	68
16) Acetone	2.380	43	222	0.277	ug/l	93
20) Methylene Chloride	2.794	84	778	0.508	ug/l #	86
31) Cyclohexane	5.562	56	2908	1.262	ug/l #	27
36) 1,1-Dichloropropene	5.556	75	10402	5.019	ug/l #	48
38) Carbon Tetrachloride	5.556	117	13627	6.305	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1505	0.584	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	50480	25.215	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	50480	74.172	ug/l #	12
95) Naphthalene	13.786	128	50	1.290	ug/l #	69

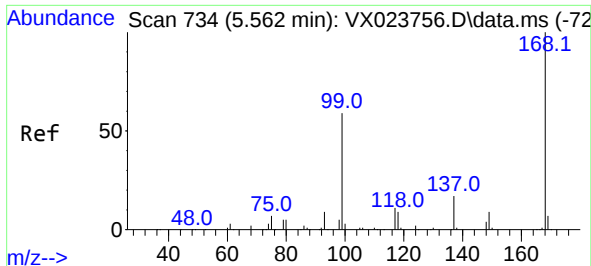
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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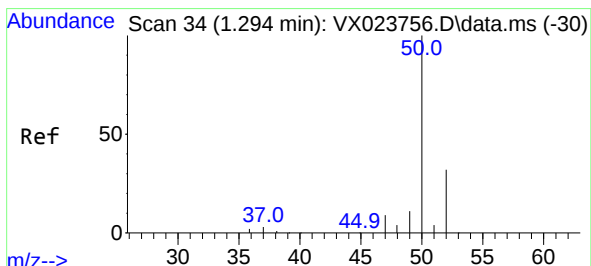
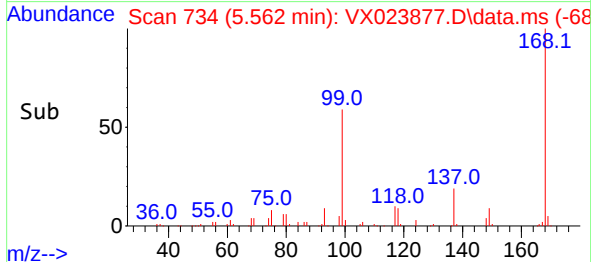
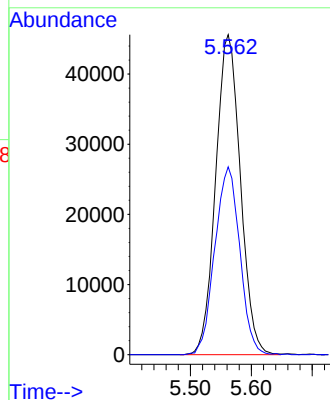
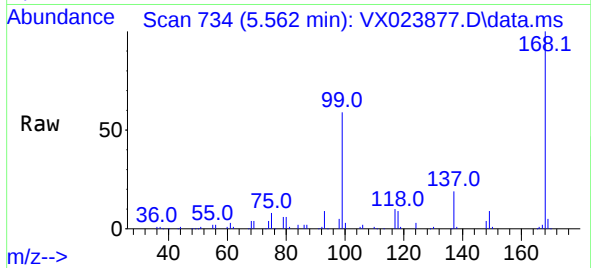




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023877.D
Acq: 20 Aug 2021 15:09

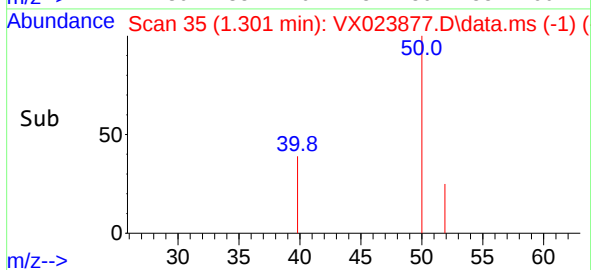
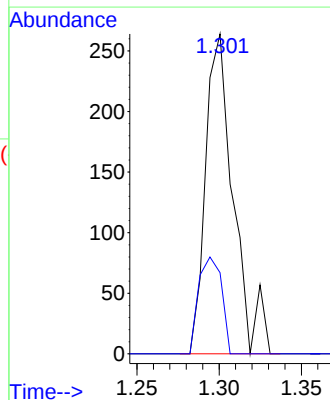
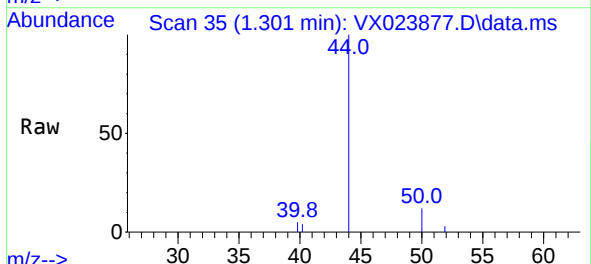
Instrument :
MSVOA_X
ClientSampleId :

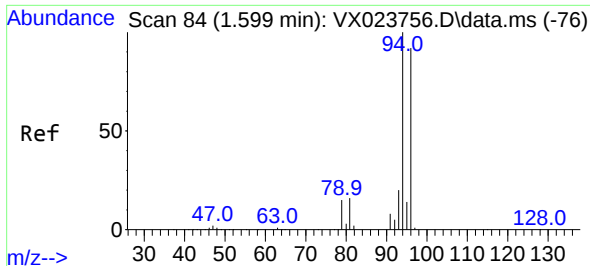
Tgt Ion:168 Resp: 128514
Ion Ratio Lower Upper
168 100
99 58.7 45.8 68.6



#3
Chloromethane
Concen: 0.208 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX023877.D
Acq: 20 Aug 2021 15:09

Tgt Ion: 50 Resp: 310
Ion Ratio Lower Upper
50 100
52 25.4 26.4 39.6#

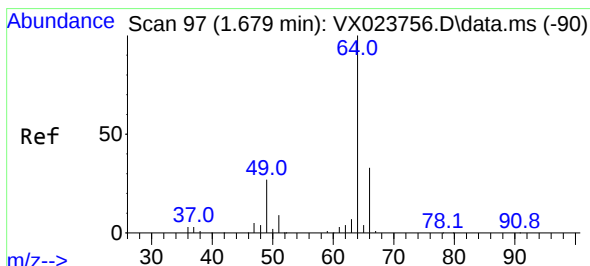
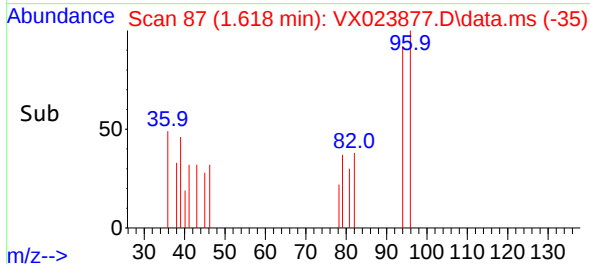
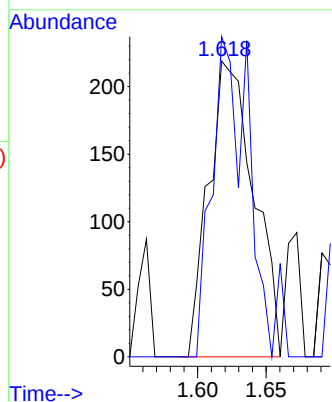
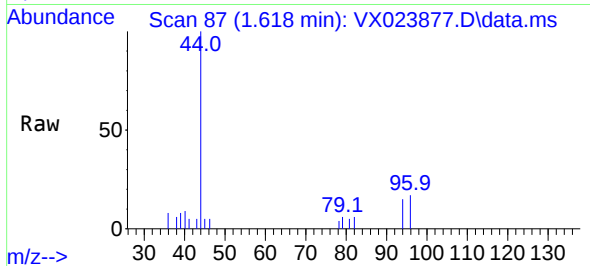




#5
Bromomethane
Concen: 0.551 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023877.D
Acq: 20 Aug 2021 15:09

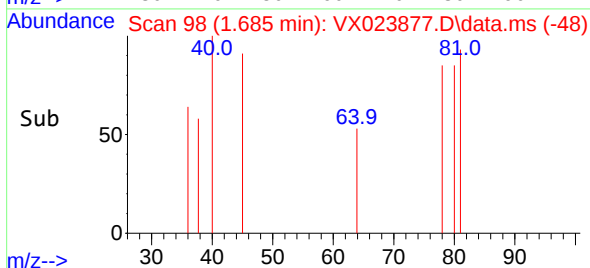
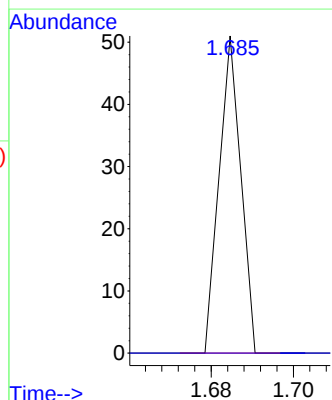
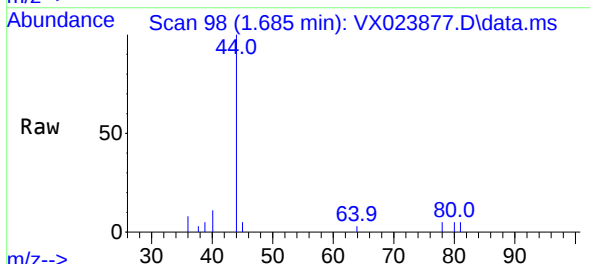
Instrument :
MSVOA_X
ClientSampled :

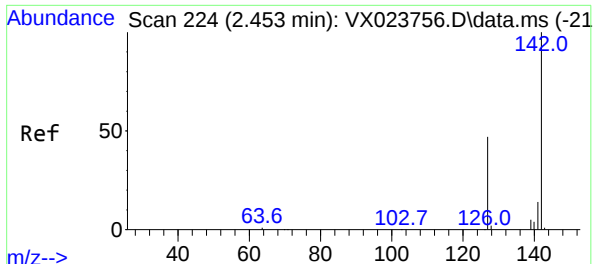
Tgt Ion: 94 Resp: 503
Ion Ratio Lower Upper
94 100
96 108.2 76.4 114.6



#6
Chloroethane
Concen: 2.233 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX023877.D
Acq: 20 Aug 2021 15:09

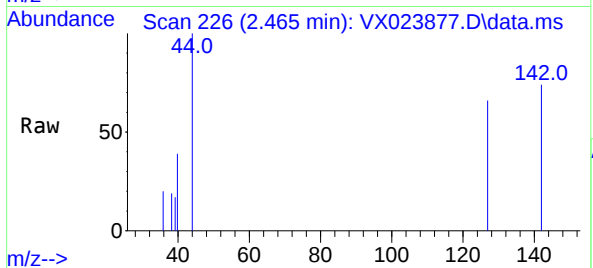
Tgt Ion: 64 Resp: 19
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



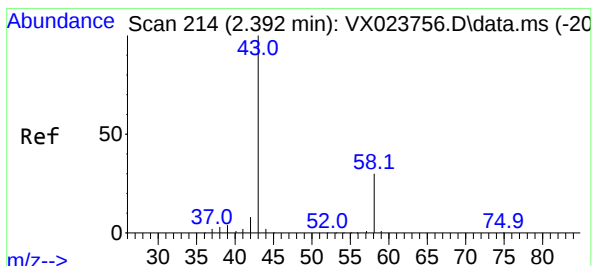
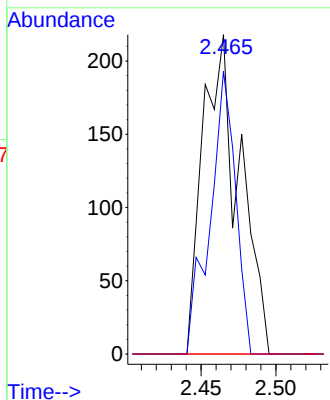
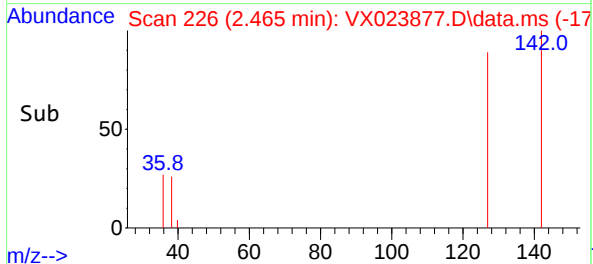


#10
Methyl Iodide
Concen: 0.209 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023877.D
Acq: 20 Aug 2021 15:09

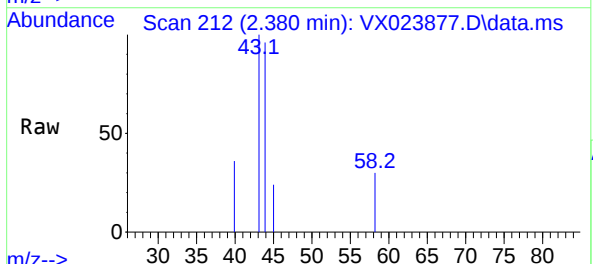
Instrument :
MSVOA_X
ClientSampled :



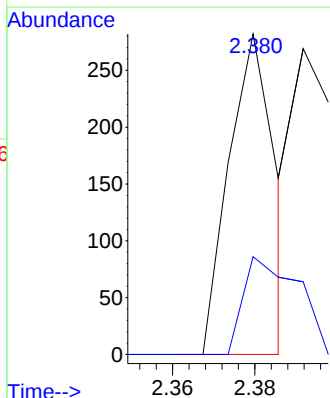
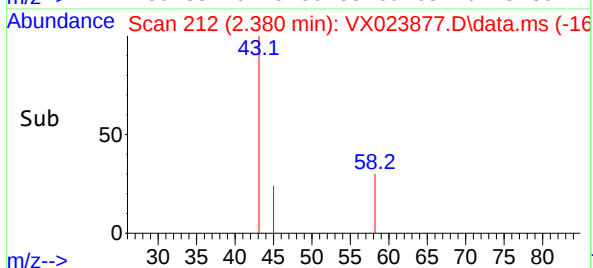
Tgt Ion:142 Resp: 376
Ion Ratio Lower Upper
142 100
127 61.2 33.3 49.9#
141 0.0 11.4 17.0#

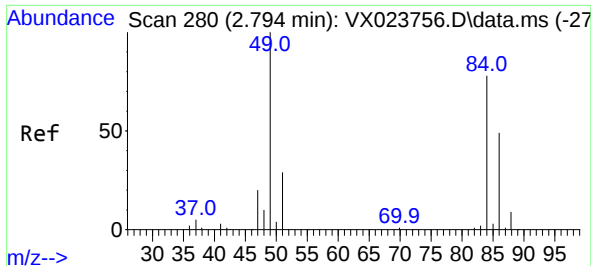


#16
Acetone
Concen: 0.277 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX023877.D
Acq: 20 Aug 2021 15:09



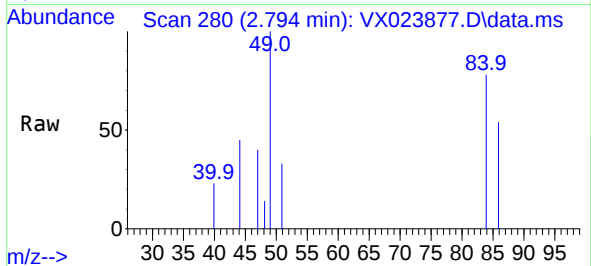
Tgt Ion: 43 Resp: 222
Ion Ratio Lower Upper
43 100
58 30.5 27.8 41.8





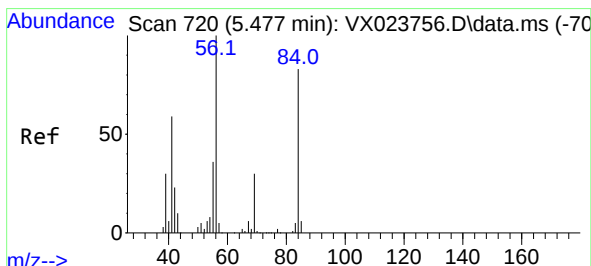
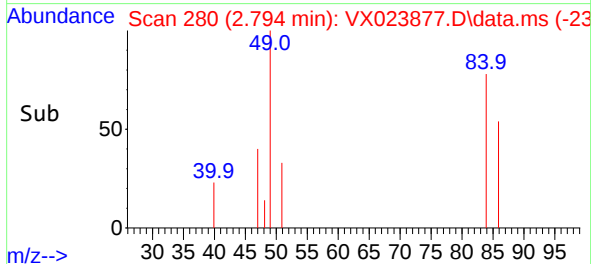
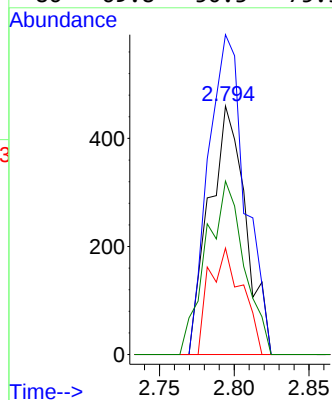
#20
Methylene Chloride
Concen: 0.508 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023877.D
Acq: 20 Aug 2021 15:09

Instrument :
MSVOA_X
ClientSampled :

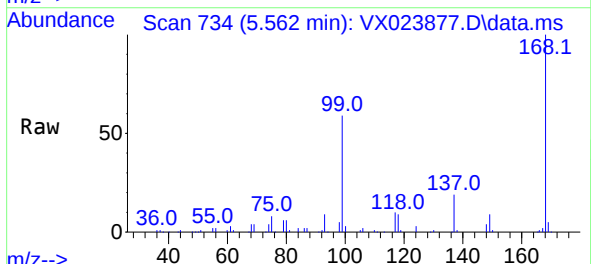


Tgt Ion: 84 Resp: 778

Ion	Ratio	Lower	Upper
84	100		
49	128.7	88.6	132.8
51	42.8	27.0	40.6#
86	69.8	50.3	75.5

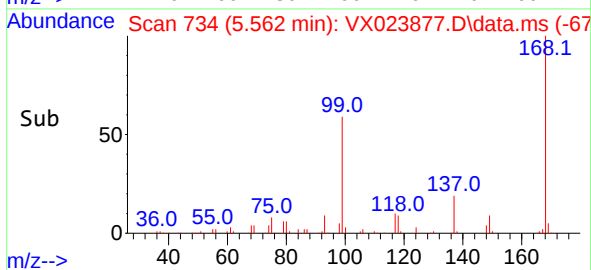
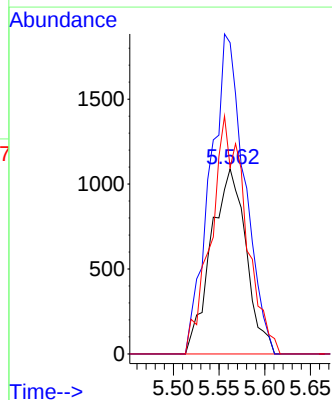


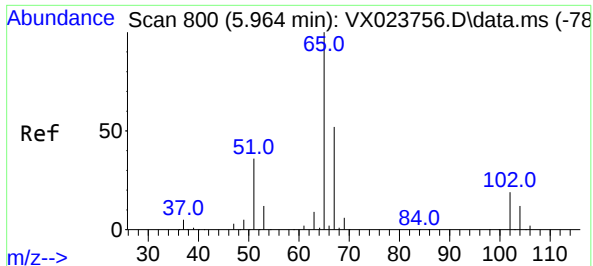
#31
Cyclohexane
Concen: 1.262 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023877.D
Acq: 20 Aug 2021 15:09



Tgt Ion: 56 Resp: 2908

Ion	Ratio	Lower	Upper
56	100		
69	168.1	25.3	37.9#
84	100.6	71.4	107.0



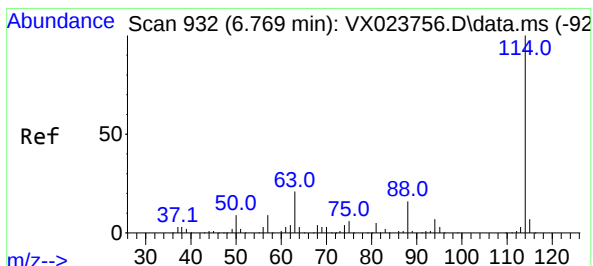
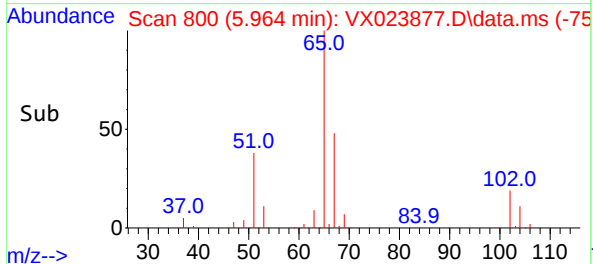
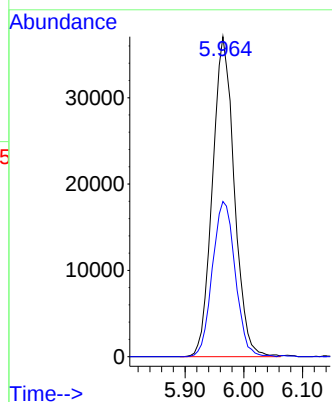
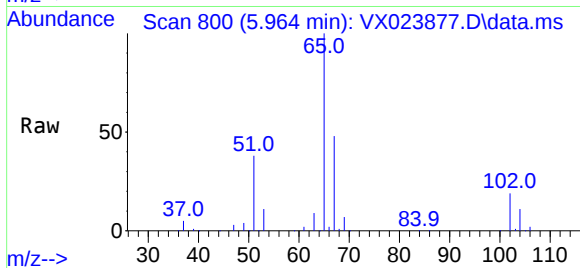


#33

1,2-Dichloroethane-d4
Concen: 53.209 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023877.D
Acq: 20 Aug 2021 15:09

Instrument :
MSVOA_X
ClientSampled :

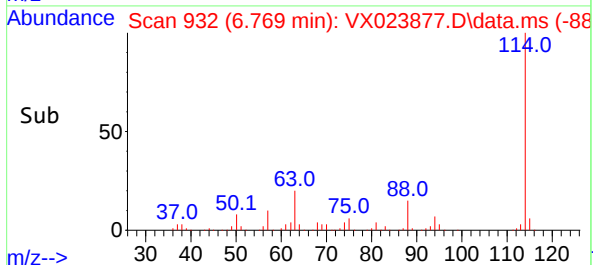
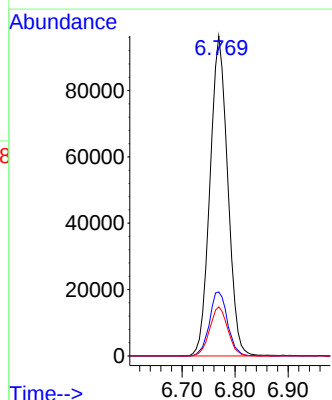
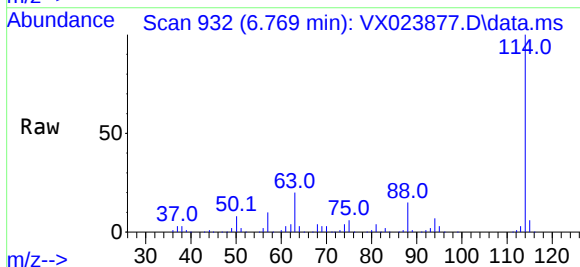
Tgt Ion: 65 Resp: 95439
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4

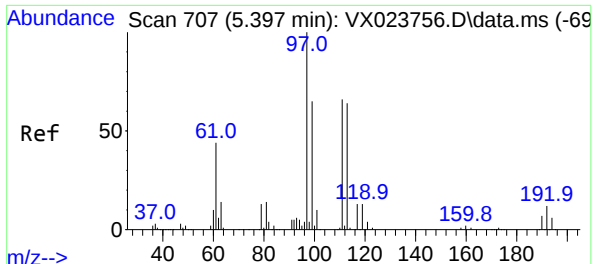


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023877.D
Acq: 20 Aug 2021 15:09

Tgt Ion: 114 Resp: 223797
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.8
88 15.3 0.0 32.8

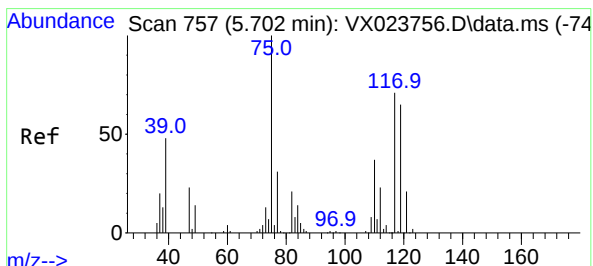
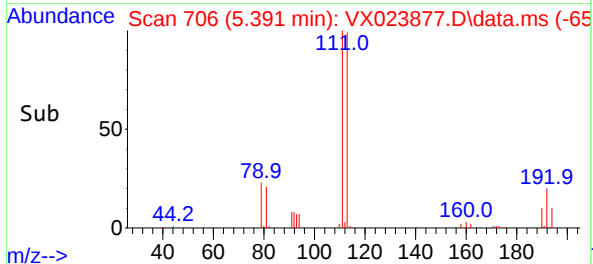
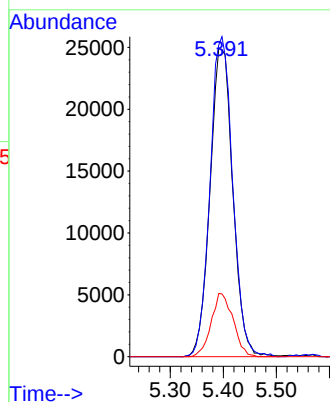
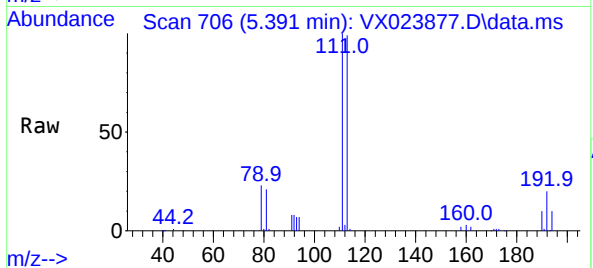




#35
Dibromofluoromethane
Concen: 50.269 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX023877.D
Acq: 20 Aug 2021 15:09

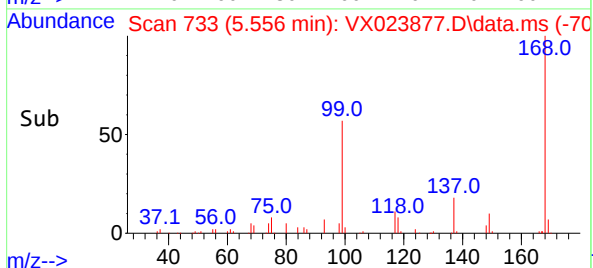
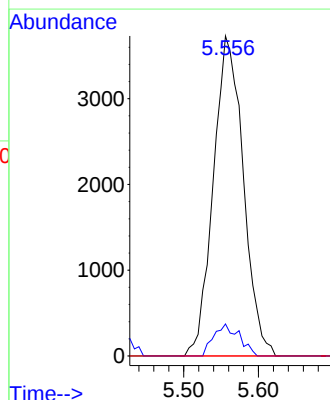
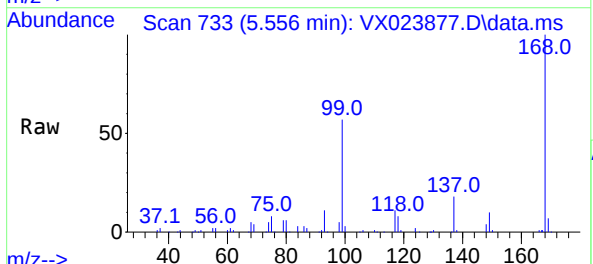
Instrument :
MSVOA_X
ClientSampleId :

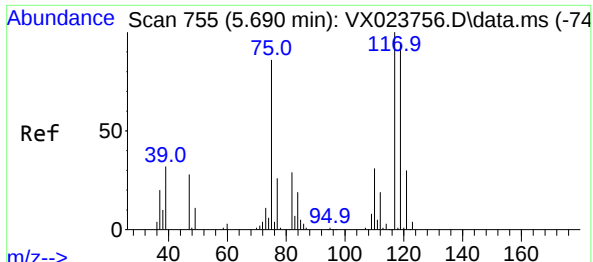
Tgt Ion:113 Resp: 74461
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 19.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.019 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX023877.D
Acq: 20 Aug 2021 15:09

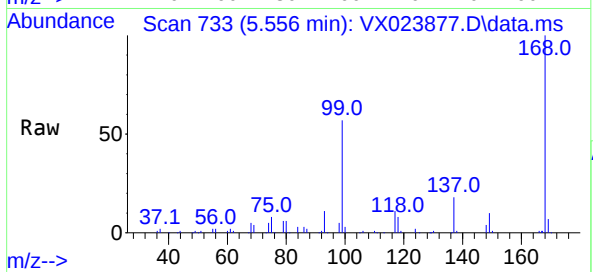
Tgt Ion: 75 Resp: 10402
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 25.3 37.9#



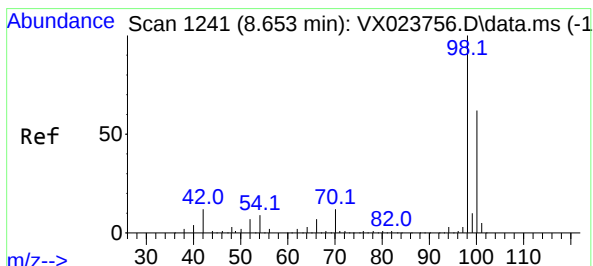
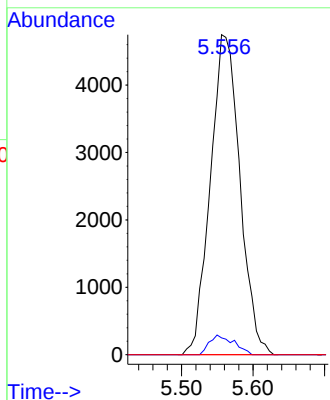
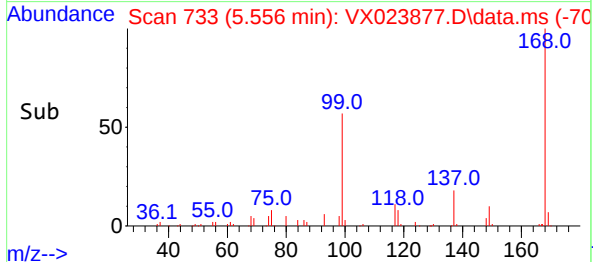


#38
Carbon Tetrachloride
Concen: 6.305 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX023877.D
Acq: 20 Aug 2021 15:09

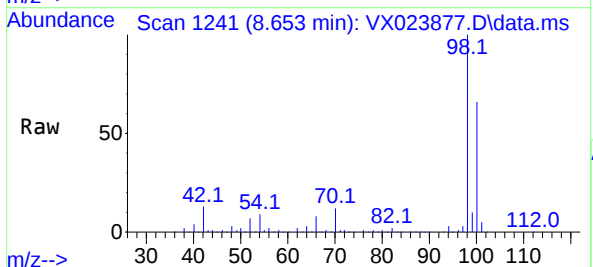
Instrument :
MSVOA_X
ClientSampled :



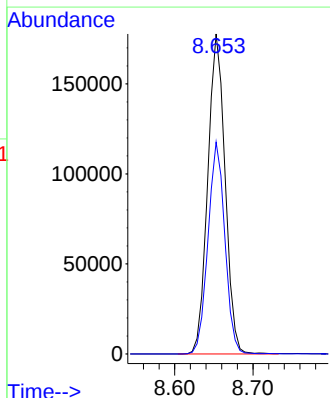
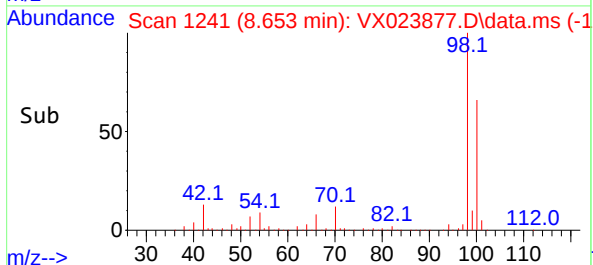
Tgt Ion:117 Resp: 13627
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#

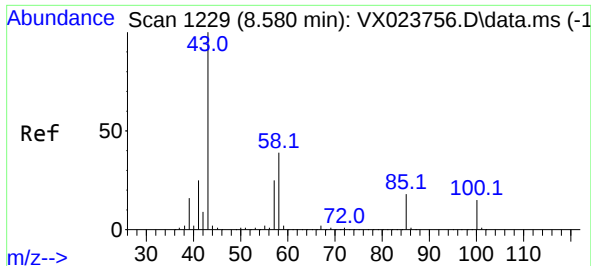


#50
Toluene-d8
Concen: 48.445 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023877.D
Acq: 20 Aug 2021 15:09



Tgt Ion: 98 Resp: 273122
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9

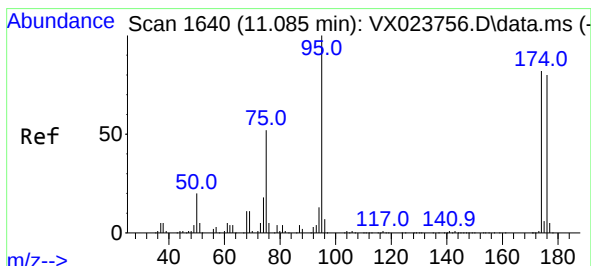
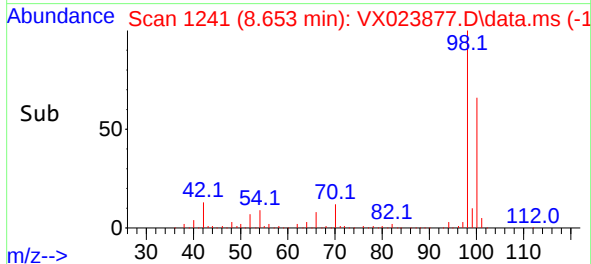
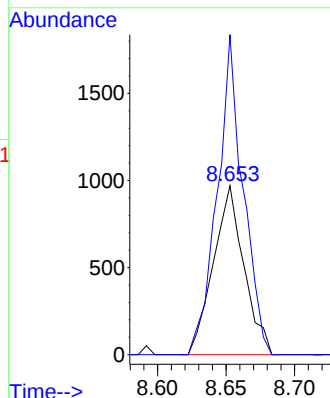
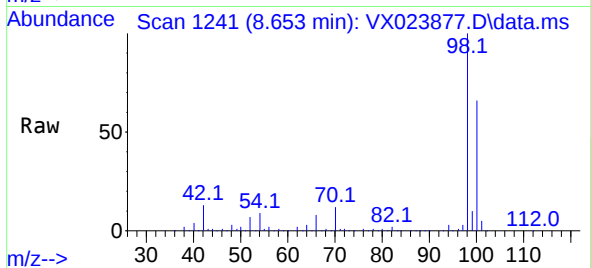




#51
4-Methyl-2-Pentanone
Concen: 0.584 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023877.D
Acq: 20 Aug 2021 15:09

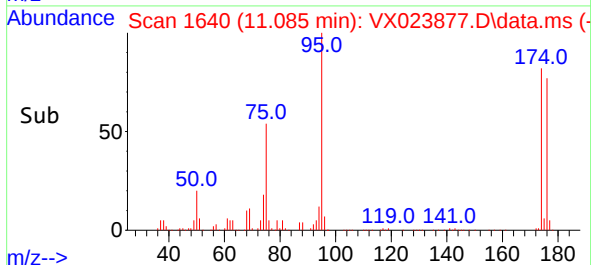
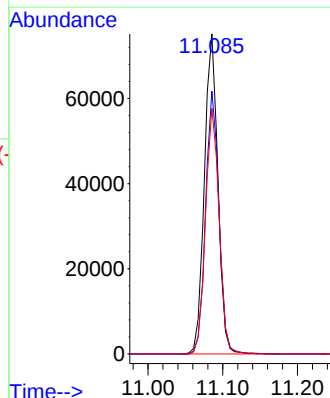
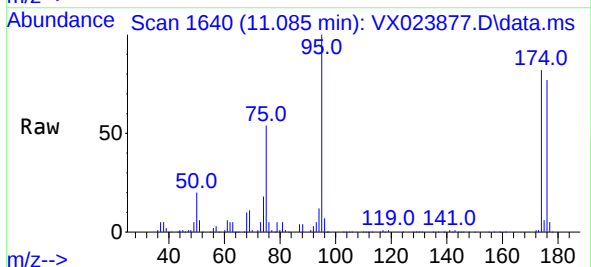
Instrument :
MSVOA_X
ClientSampled :

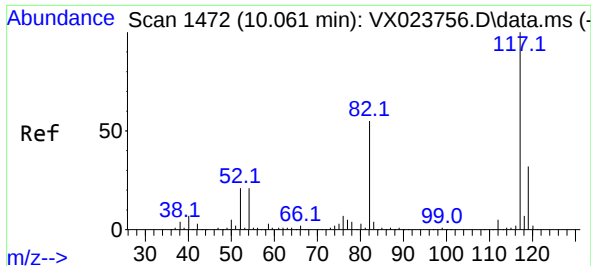
Tgt Ion: 43 Resp: 1505
Ion Ratio Lower Upper
43 100
58 160.6 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 45.407 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023877.D
Acq: 20 Aug 2021 15:09

Tgt Ion: 95 Resp: 94237
Ion Ratio Lower Upper
95 100
174 81.3 0.0 154.6
176 77.2 0.0 155.8

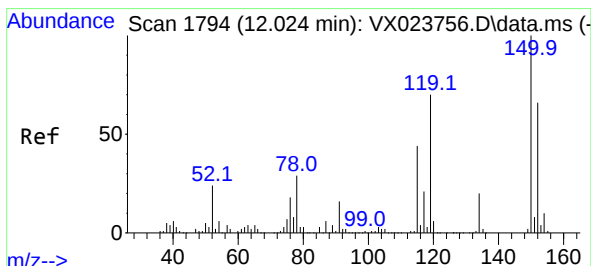
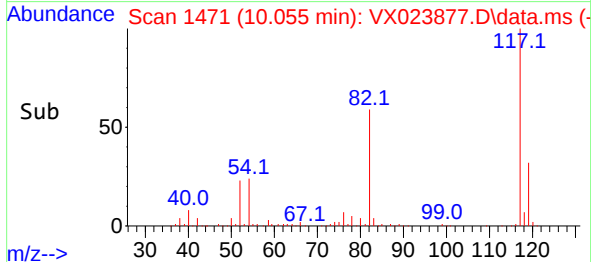
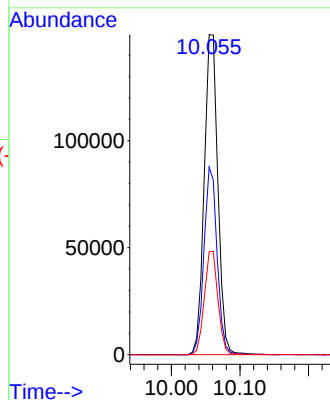
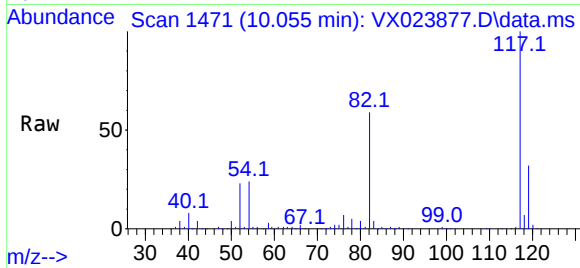




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023877.D
Acq: 20 Aug 2021 15:09

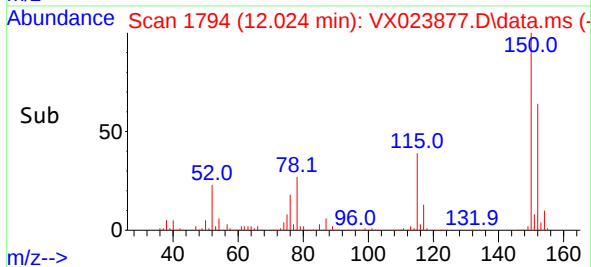
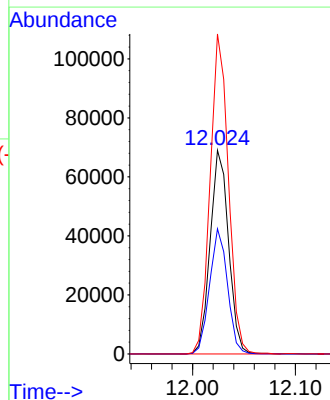
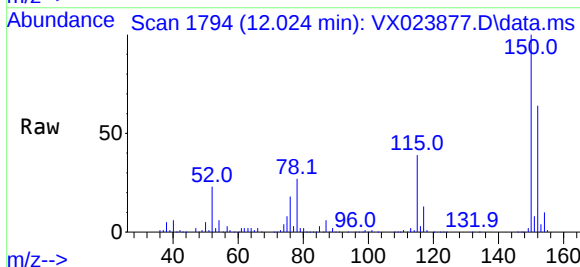
Instrument :
MSVOA_X
ClientSampled :

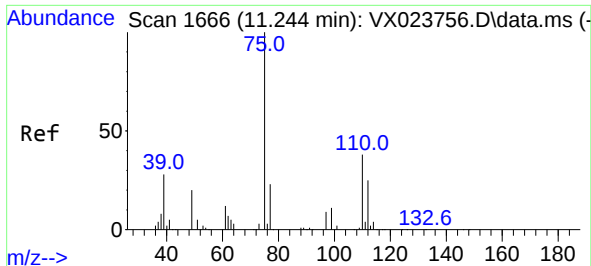
Tgt Ion:117 Resp: 208590
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023877.D
Acq: 20 Aug 2021 15:09

Tgt Ion:152 Resp: 85820
Ion Ratio Lower Upper
152 100
115 59.7 41.1 123.3
150 155.8 0.0 349.0

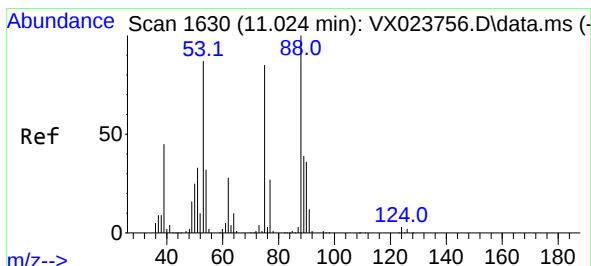
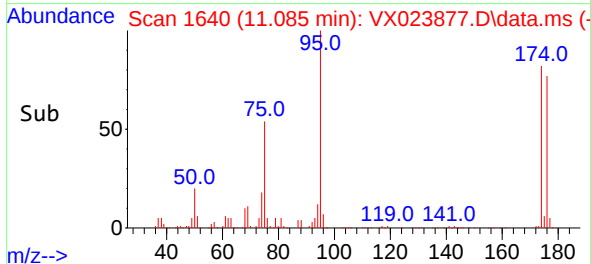
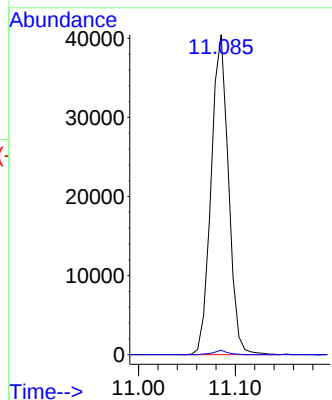
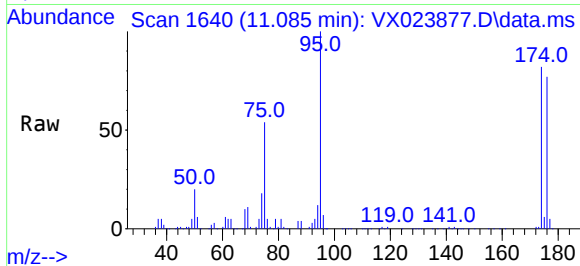




#76
1,2,3-Trichloropropane
Concen: 25.215 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023877.D
Acq: 20 Aug 2021 15:09

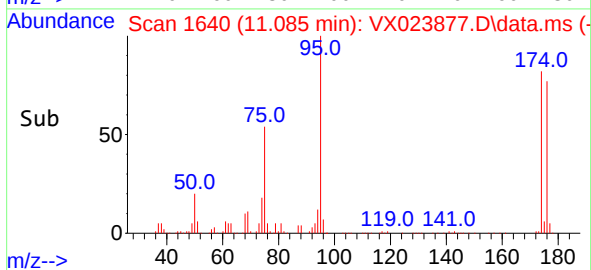
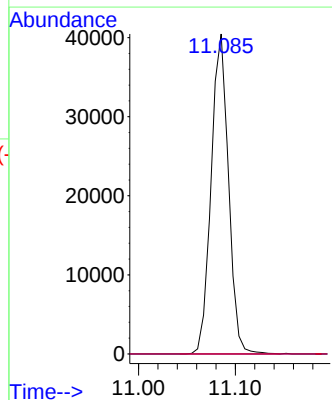
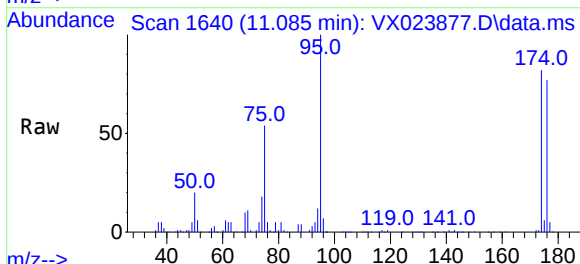
Instrument :
MSVOA_X
ClientSampled :

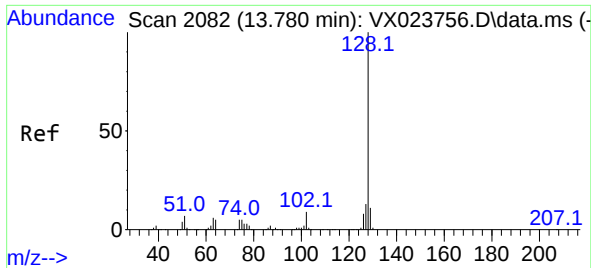
Tgt Ion: 75 Resp: 50480
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.172 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023877.D
Acq: 20 Aug 2021 15:09

Tgt Ion: 75 Resp: 50480
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.290 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023877.D
Acq: 20 Aug 2021 15:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128	Resp:	50
Ion	Ratio	Lower Upper
128	100	
127	0.0	10.3 15.5#
129	0.0	8.8 13.2#

