

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038477.D
 Acq On : 25 Oct 2023 14:11
 Operator : JC/MD
 Sample : 05007-19RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 26 04:04:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

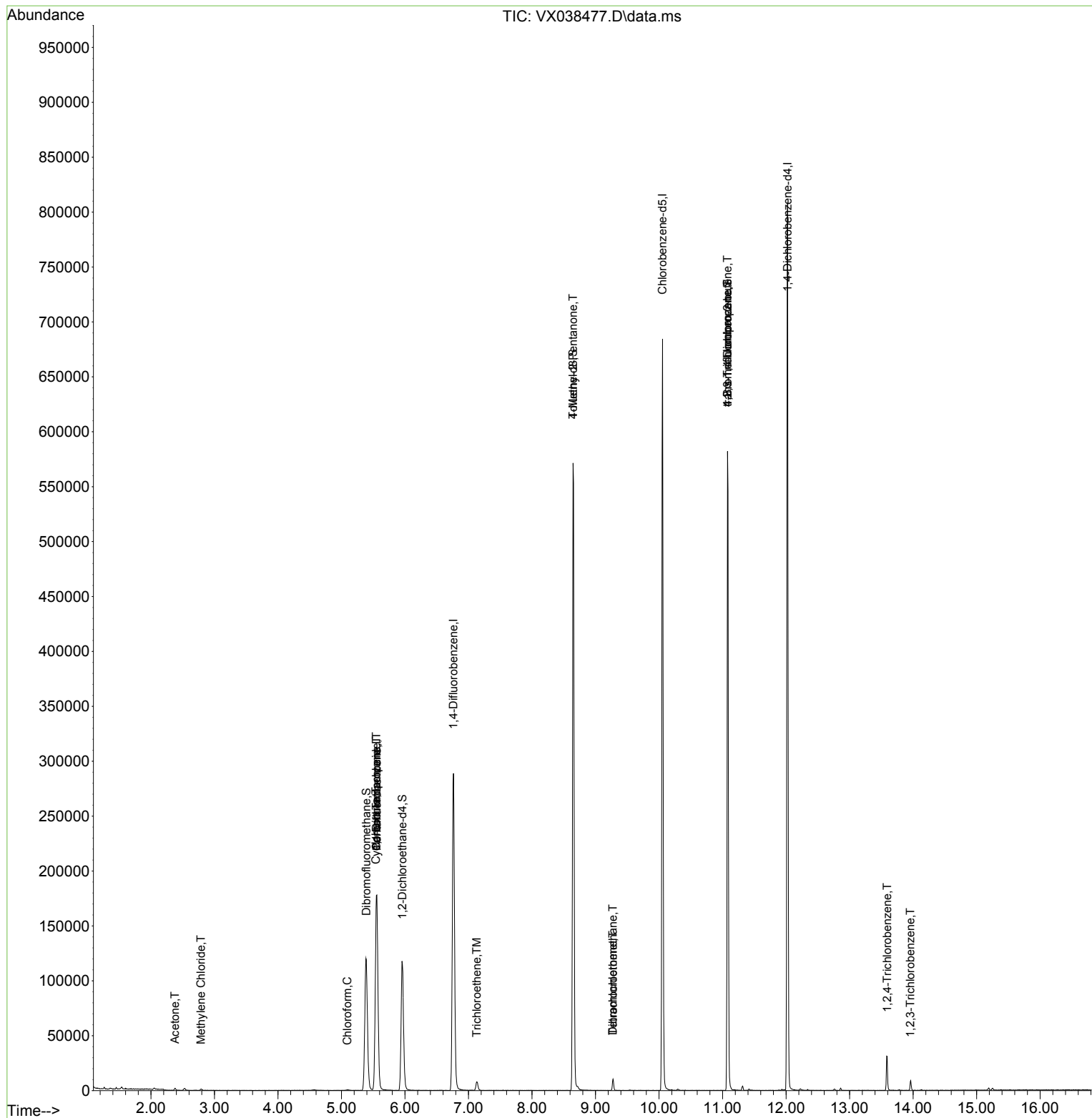
Internal Standards						
1) Pentafluorobenzene	5.556	168	176866	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	310323	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	113630	39.943	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	79.880%		
35) Dibromofluoromethane	5.391	113	105184	47.040	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.080%		
50) Toluene-d8	8.647	98	362103	42.378	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	84.760%#		
62) 4-Bromofluorobenzene	11.079	95	152712	47.143	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.280%		
Target Compounds						
						Qvalue
5) Bromomethane	1.551	94	21	Below Cal	#	3
6) Chloroethane	1.679	64	54	Below Cal	#	43
16) Acetone	2.380	43	1834	1.545	ug/l #	77
20) Methylene Chloride	2.788	84	751	0.336	ug/l #	69
30) Chloroform	5.093	83	898	0.223	ug/l	99
31) Cyclohexane	5.544	56	3596	1.167	ug/l #	23
36) 1,1-Dichloropropene	5.550	75	13064	4.237	ug/l #	51
38) Carbon Tetrachloride	5.550	117	18129	5.977	ug/l #	15
44) Trichloroethene	7.129	130	3424	1.518	ug/l	84
51) 4-Methyl-2-Pentanone	8.647	43	1576	0.418	ug/l #	1
60) Dibromochloromethane	9.275	129	1605	0.682	ug/l #	11
64) Tetrachloroethene	9.275	164	1751	0.863	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	79544	19.650	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	79544	56.782	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	8486	2.248	ug/l	90
96) 1,2,3-Trichlorobenzene	13.957	180	2391	0.654	ug/l	95

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

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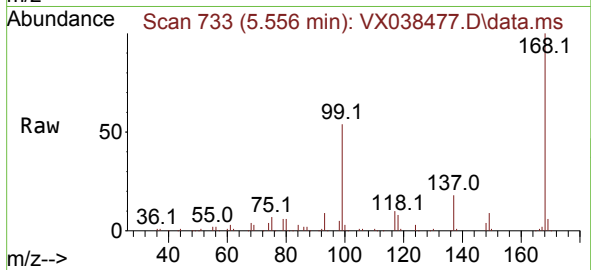
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



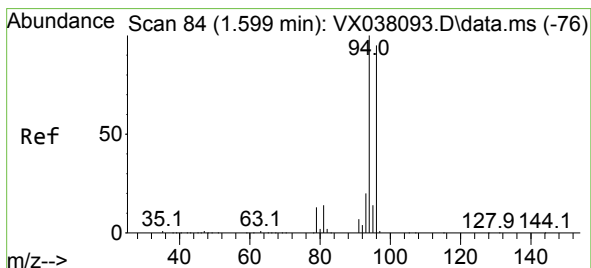
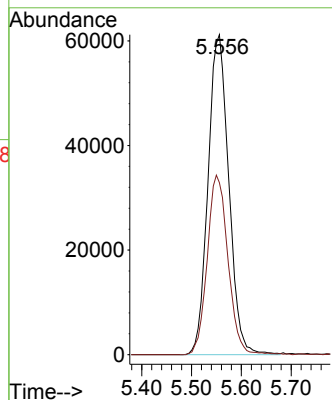
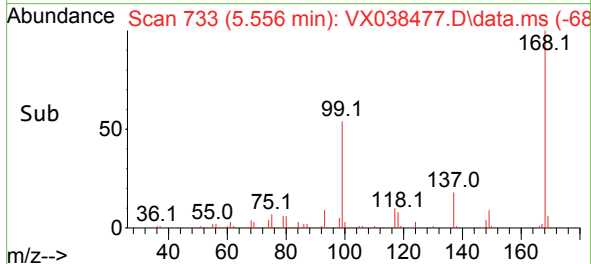


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038477.D
Acq: 25 Oct 2023 14:11

Instrument :
MSVOA_X
ClientSampleId :

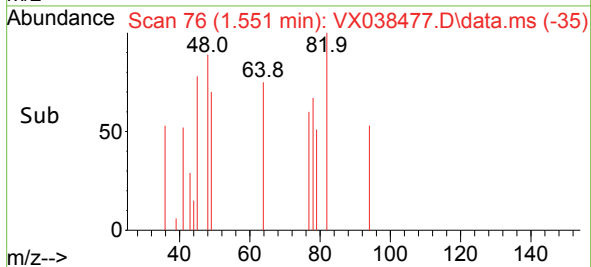
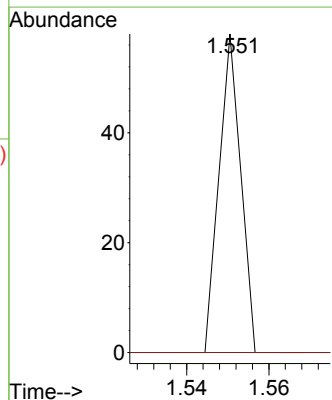
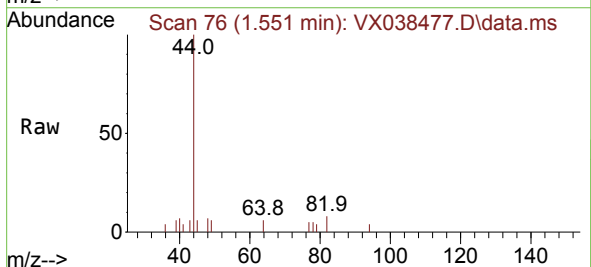


Tgt Ion:168 Resp: 176866
Ion Ratio Lower Upper
168 100
99 53.8 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.551 min Scan# 76
Delta R.T. -0.048 min
Lab File: VX038477.D
Acq: 25 Oct 2023 14:11

Tgt Ion: 94 Resp: 21
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

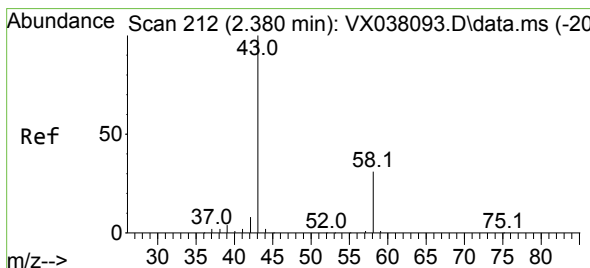
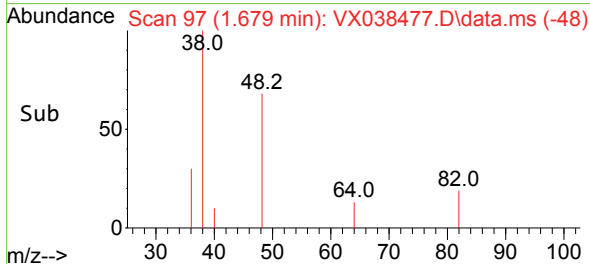
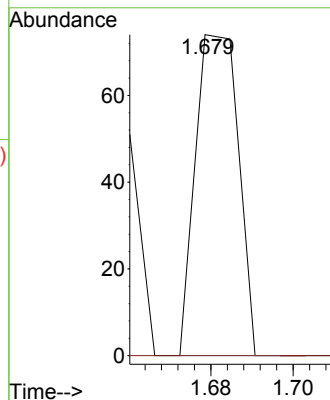
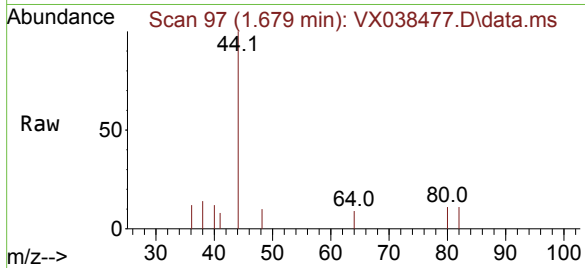




#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038477.D
Acq: 25 Oct 2023 14:11

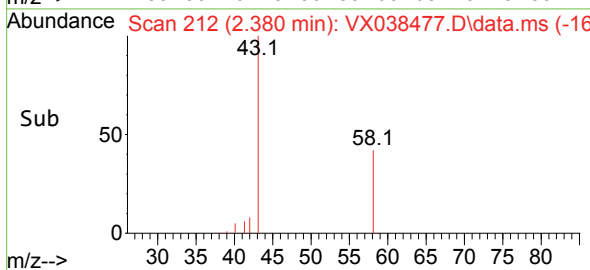
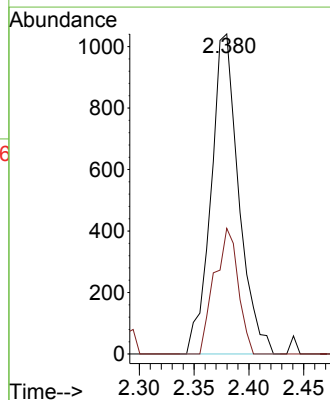
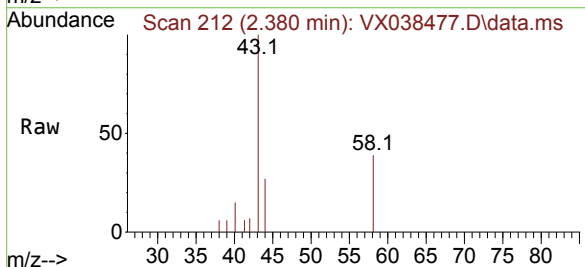
Instrument :
MSVOA_X
ClientSampleId :

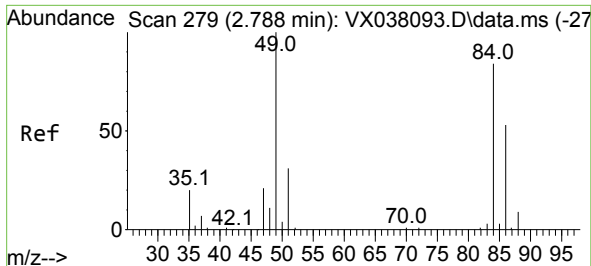
Tgt Ion: 64 Resp: 54
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 1.545 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038477.D
Acq: 25 Oct 2023 14:11

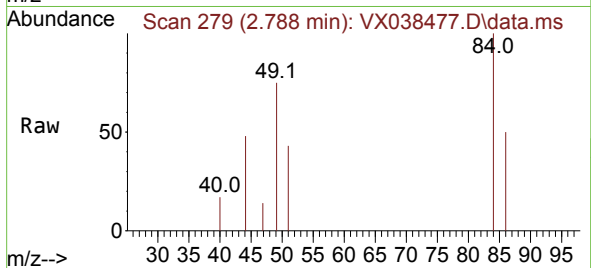
Tgt Ion: 43 Resp: 1834
Ion Ratio Lower Upper
43 100
58 39.3 21.9 32.9#



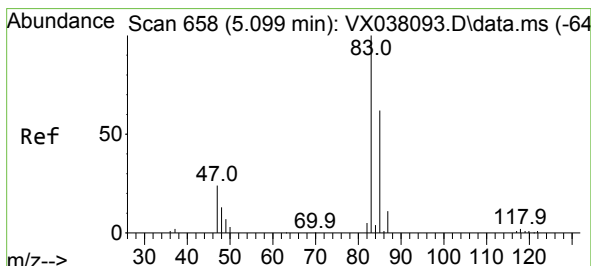
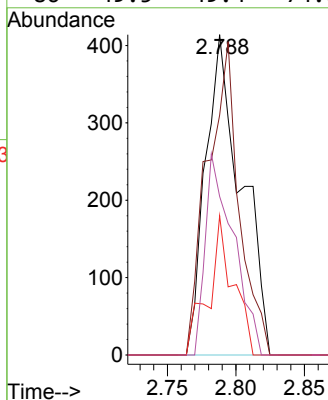
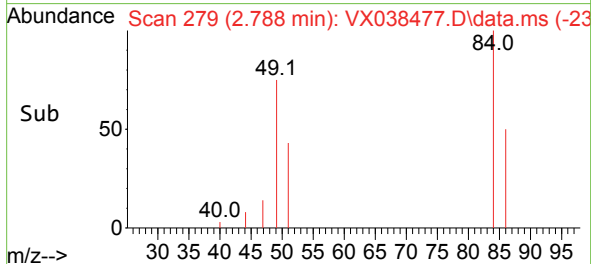


#20
Methylene Chloride
Concen: 0.336 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038477.D
Acq: 25 Oct 2023 14:11

Instrument :
MSVOA_X
ClientSampleId :

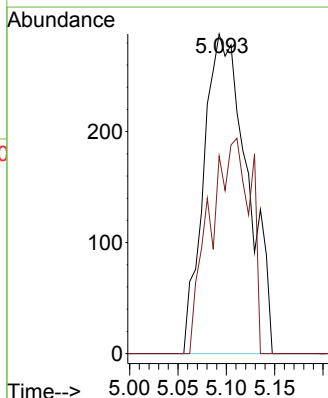
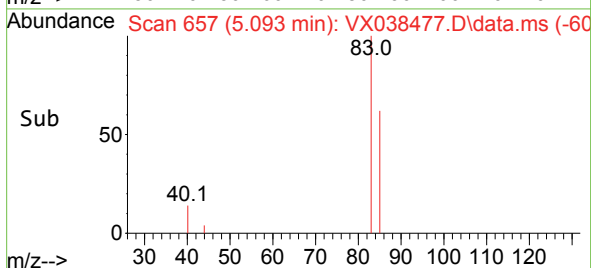
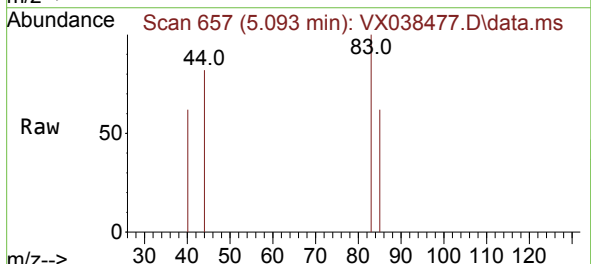


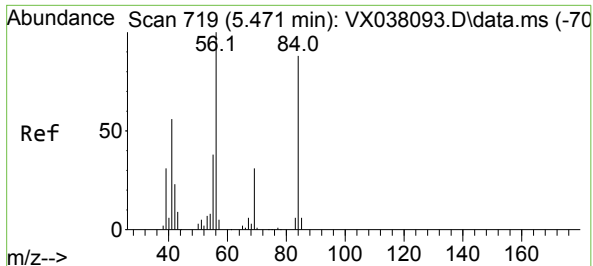
Tgt Ion: 84	Resp: 751
Ion Ratio	Lower Upper
84 100	
49 74.9	103.6 155.4#
51 43.5	33.8 50.6
86 49.5	49.4 74.0



#30
Chloroform
Concen: 0.223 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX038477.D
Acq: 25 Oct 2023 14:11

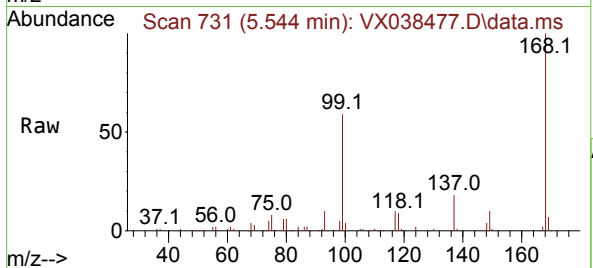
Tgt Ion: 83	Resp: 898
Ion Ratio	Lower Upper
83 100	
85 61.8	50.3 75.5



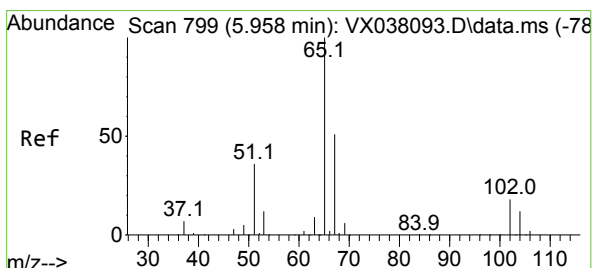
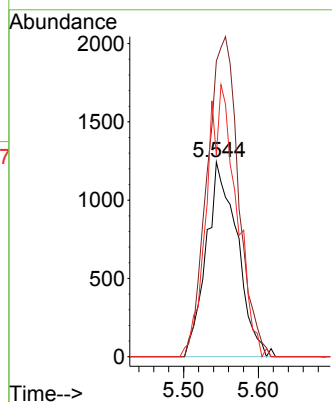
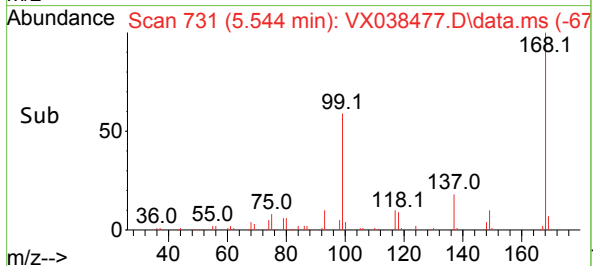


#31
Cyclohexane
Concen: 1.167 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX038477.D
Acq: 25 Oct 2023 14:11

Instrument :
MSVOA_X
ClientSampleId :

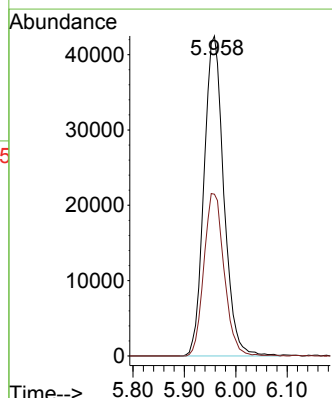
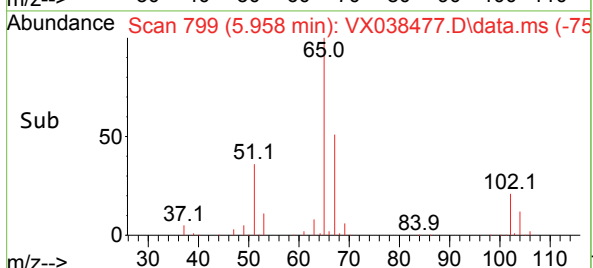
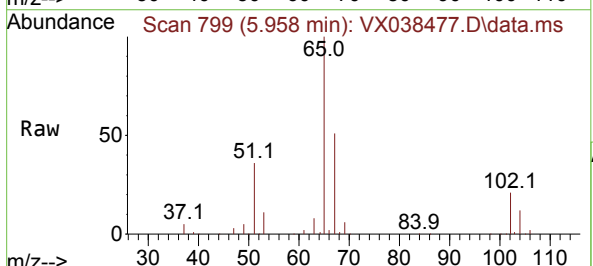


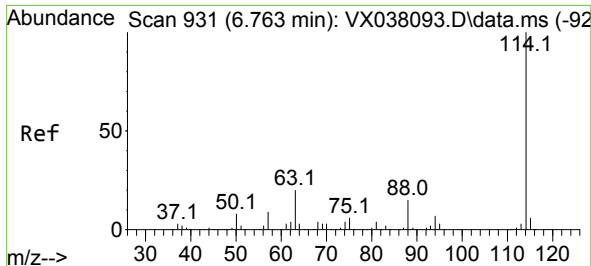
Tgt Ion: 56 Resp: 3596
Ion Ratio Lower Upper
56 100
69 151.8 23.4 35.2#
84 103.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 39.943 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038477.D
Acq: 25 Oct 2023 14:11

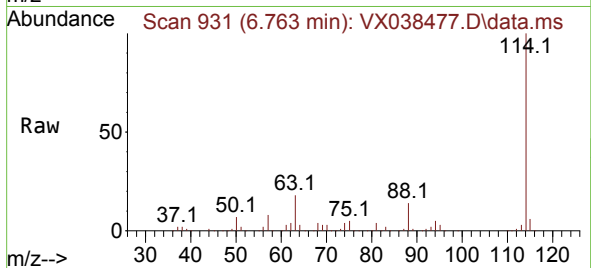
Tgt Ion: 65 Resp: 113630
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2



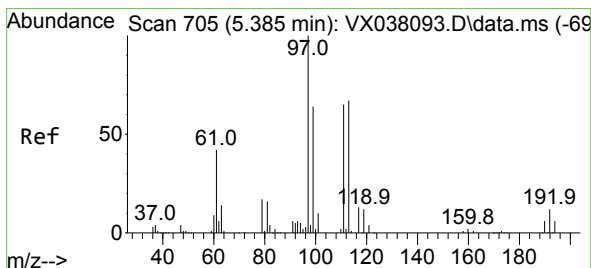
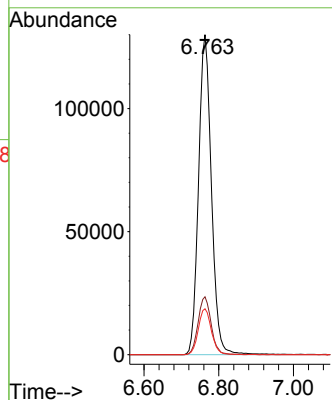
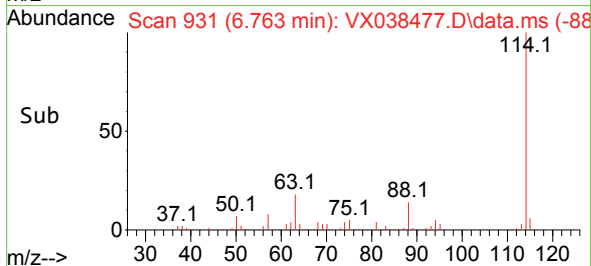


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038477.D
Acq: 25 Oct 2023 14:11

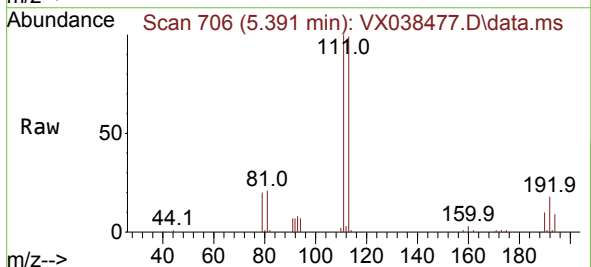
Instrument :
MSVOA_X
ClientSampleId :



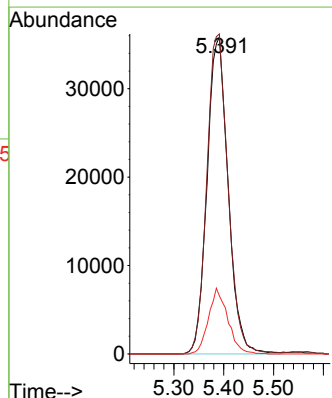
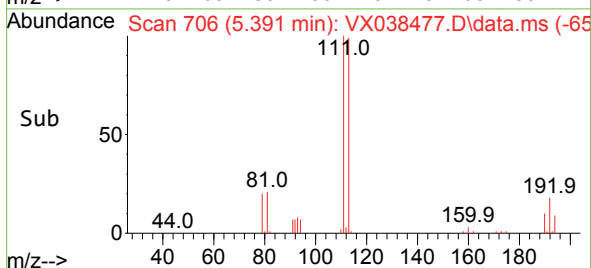
Tgt Ion:114 Resp: 310323
Ion Ratio Lower Upper
114 100
63 18.1 0.0 45.0
88 14.4 0.0 36.6

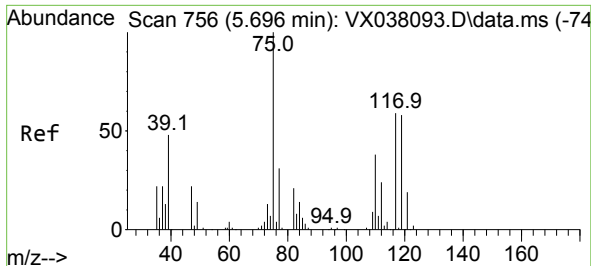


#35
Dibromofluoromethane
Concen: 47.040 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038477.D
Acq: 25 Oct 2023 14:11



Tgt Ion:113 Resp: 105184
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 19.0 13.3 19.9

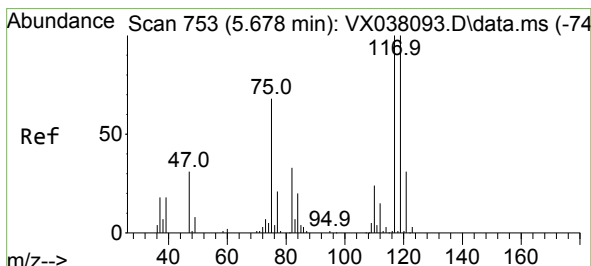
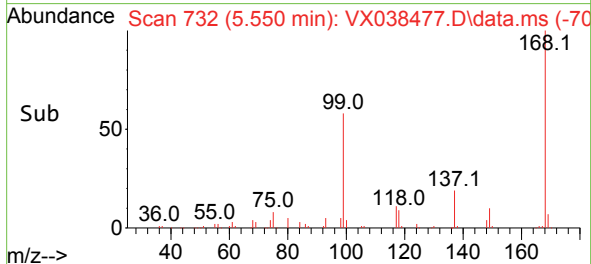
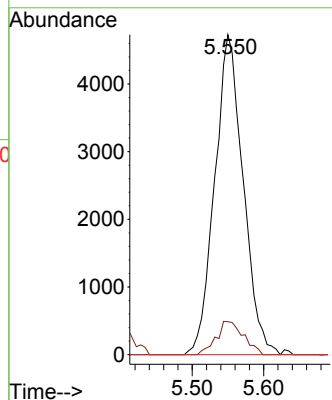
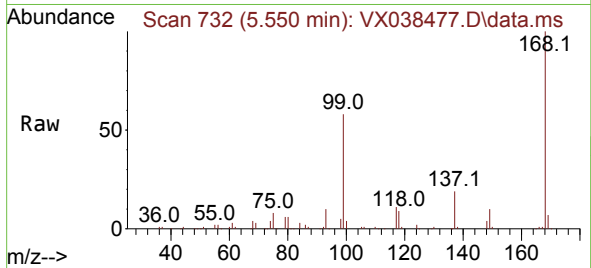




#36
1,1-Dichloropropene
Concen: 4.237 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX038477.D
Acq: 25 Oct 2023 14:11

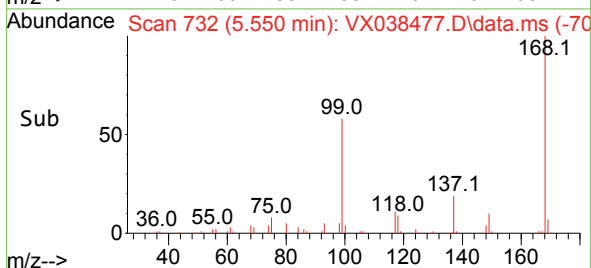
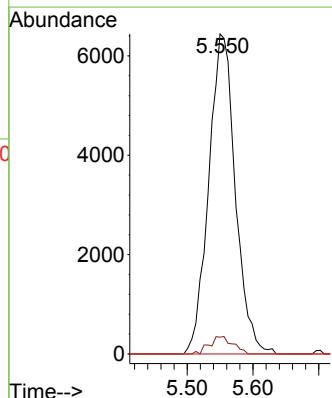
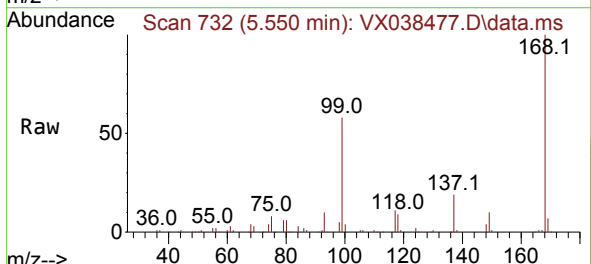
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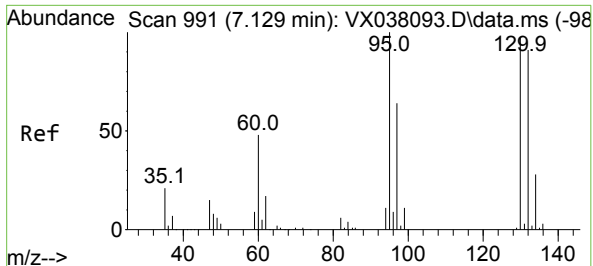
Tgt Ion: 75 Resp: 13064
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.977 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038477.D
Acq: 25 Oct 2023 14:11

Tgt Ion: 117 Resp: 18129
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#





#44

Trichloroethene

Concen: 1.518 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX038477.D

Acq: 25 Oct 2023 14:11

Instrument :

MSVOA_X

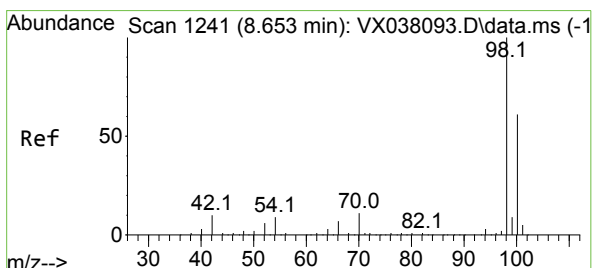
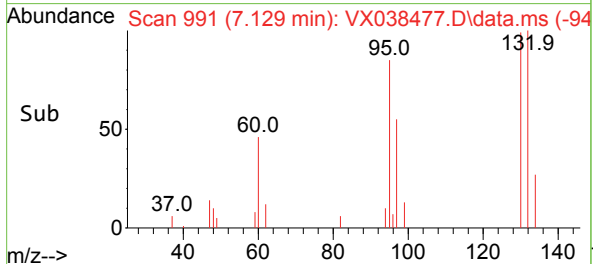
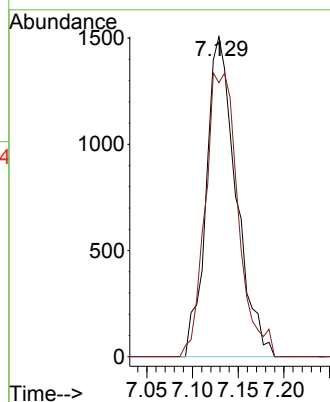
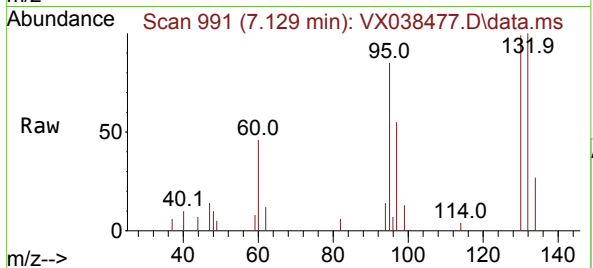
ClientSampleId :

Tgt Ion:130 Resp: 3424

Ion Ratio Lower Upper

130 100

95 85.6 0.0 204.4



#50

Toluene-d8

Concen: 42.378 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038477.D

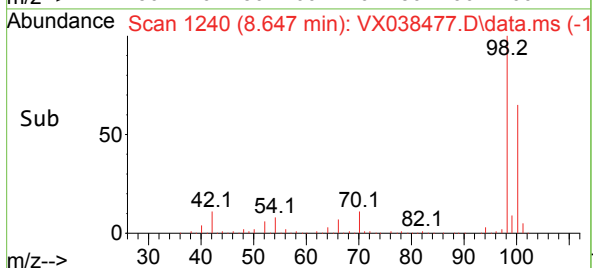
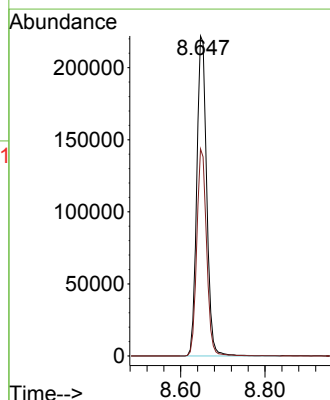
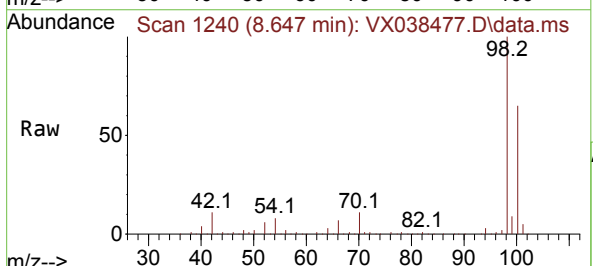
Acq: 25 Oct 2023 14:11

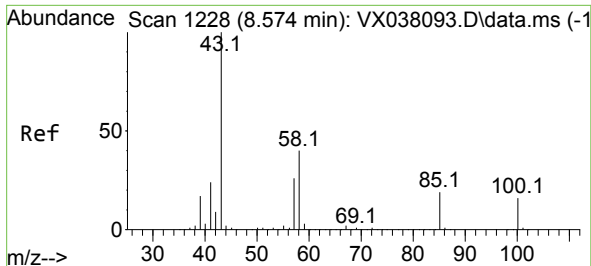
Tgt Ion: 98 Resp: 362103

Ion Ratio Lower Upper

98 100

100 64.2 53.1 79.7

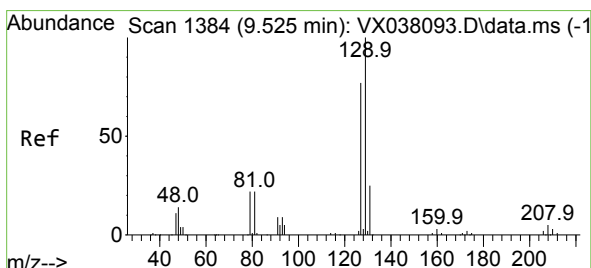
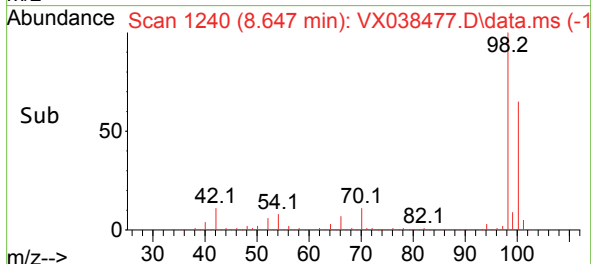
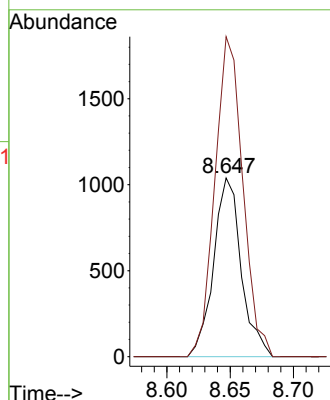
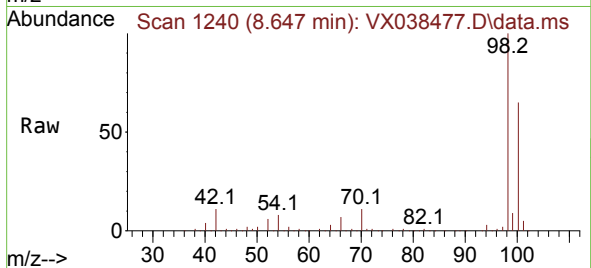




#51
4-Methyl-2-Pentanone
Concen: 0.418 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038477.D
Acq: 25 Oct 2023 14:11

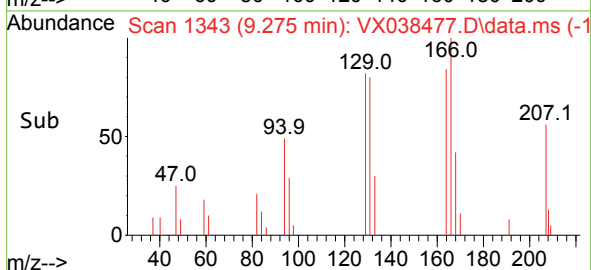
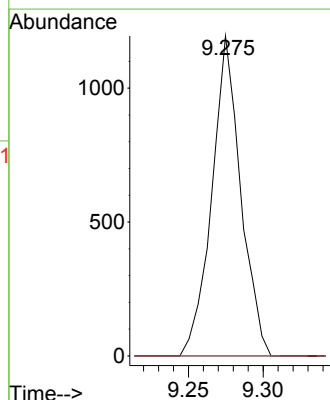
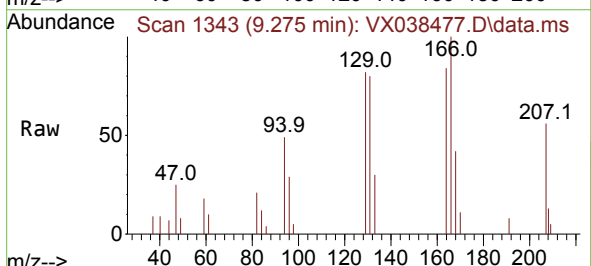
Instrument :
MSVOA_X
ClientSampleId :

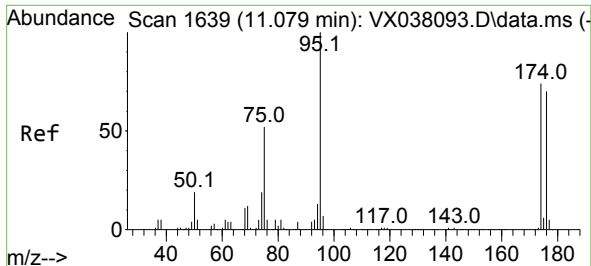
Tgt Ion: 43 Resp: 1576
Ion Ratio Lower Upper
43 100
58 181.1 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.682 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX038477.D
Acq: 25 Oct 2023 14:11

Tgt Ion: 129 Resp: 1605
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

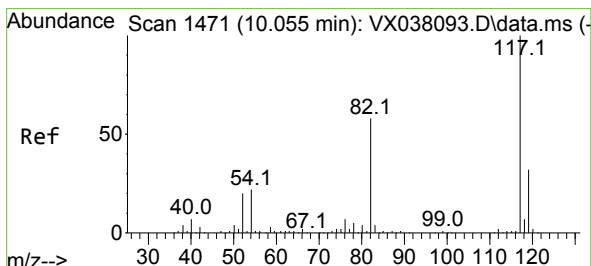
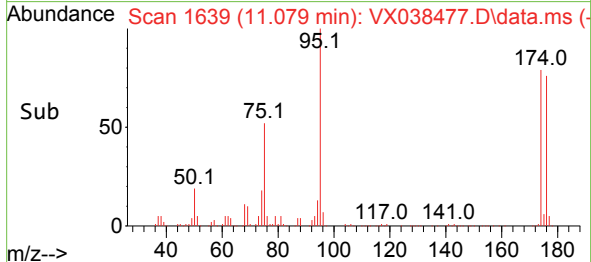
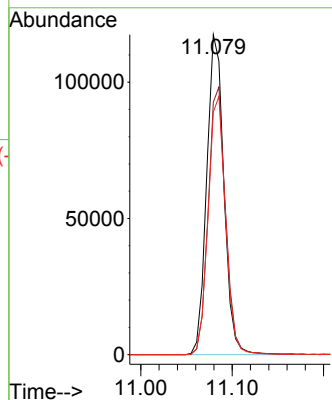
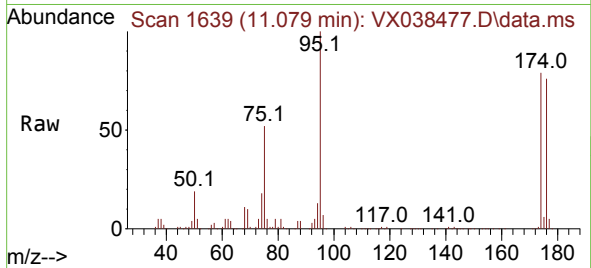




#62
4-Bromofluorobenzene
Concen: 47.143 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038477.D
Acq: 25 Oct 2023 14:11

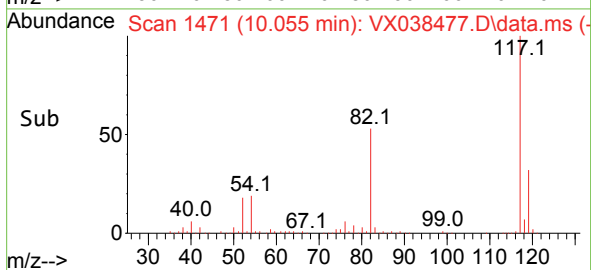
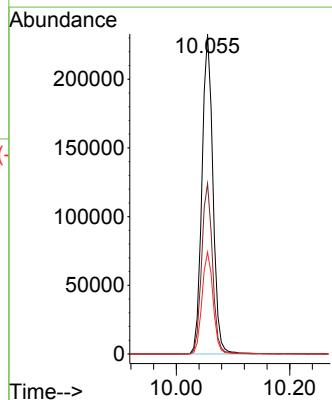
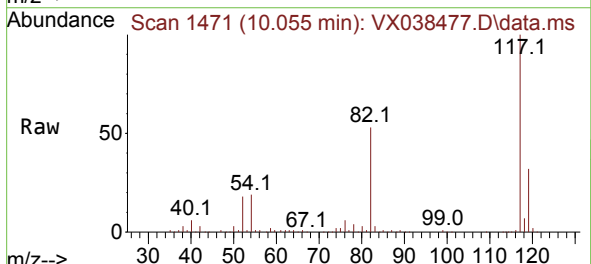
Instrument :
MSVOA_X
ClientSampleId :

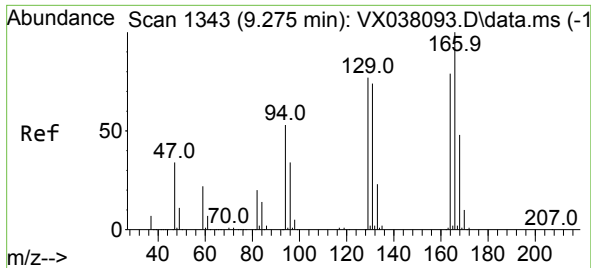
Tgt Ion: 95 Resp: 152712
Ion Ratio Lower Upper
95 100
174 84.9 0.0 135.6
176 81.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038477.D
Acq: 25 Oct 2023 14:11

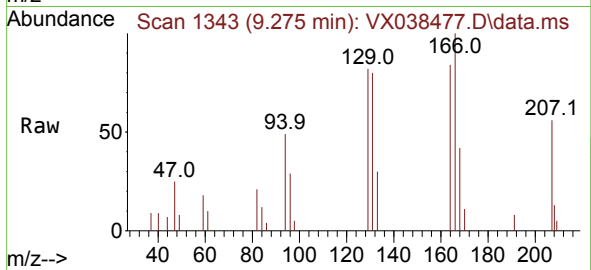
Tgt Ion: 117 Resp: 313490
Ion Ratio Lower Upper
117 100
82 53.2 46.2 69.4
119 31.8 25.5 38.3



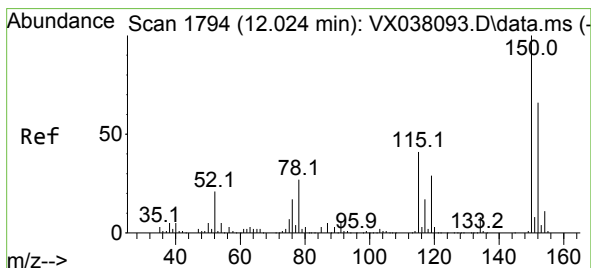
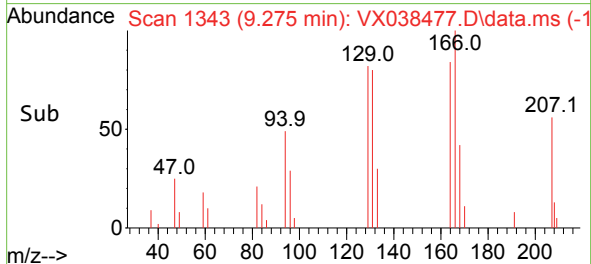
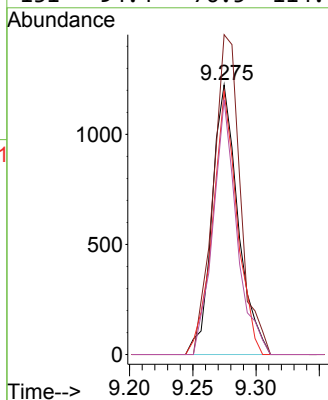


#64
Tetrachloroethene
Concen: 0.863 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038477.D
Acq: 25 Oct 2023 14:11

Instrument :
MSVOA_X
ClientSampleId :

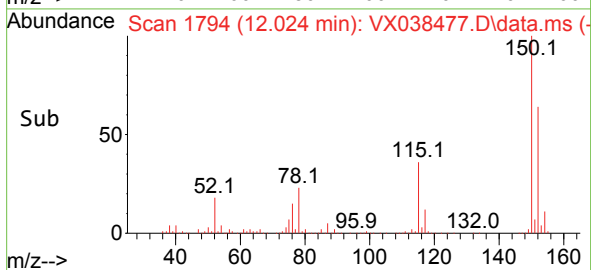
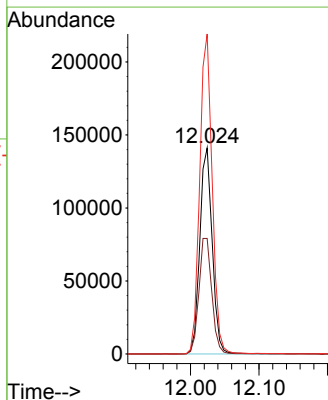
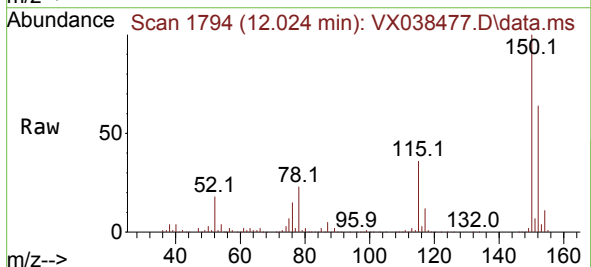


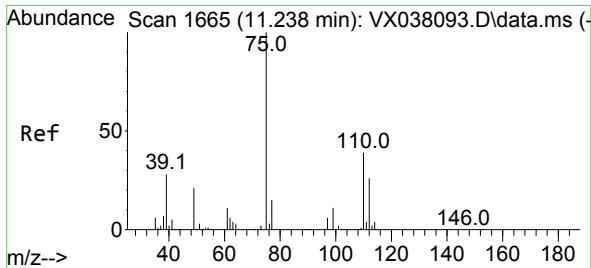
Tgt Ion:164 Resp: 1751
Ion Ratio Lower Upper
164 100
166 118.6 102.7 154.1
129 97.6 80.4 120.6
131 94.4 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038477.D
Acq: 25 Oct 2023 14:11

Tgt Ion:152 Resp: 178062
Ion Ratio Lower Upper
152 100
115 58.3 43.3 129.9
150 155.7 0.0 345.0

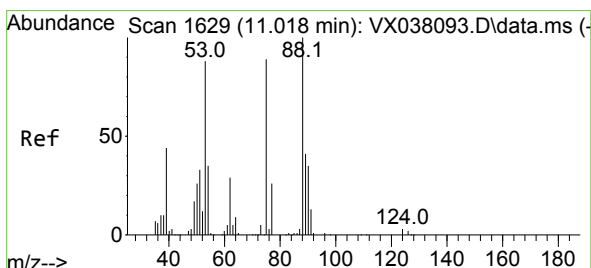
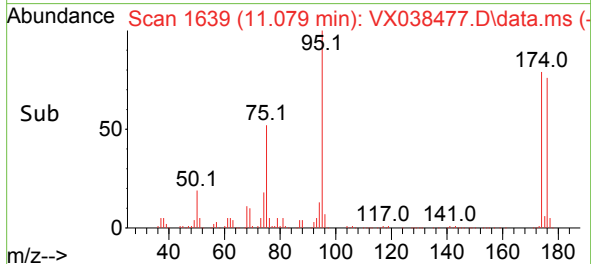
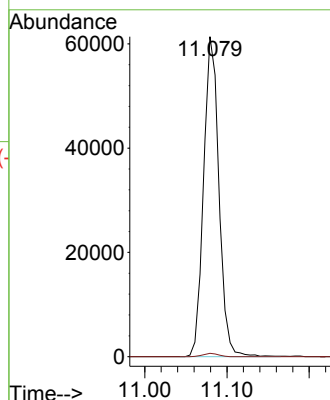
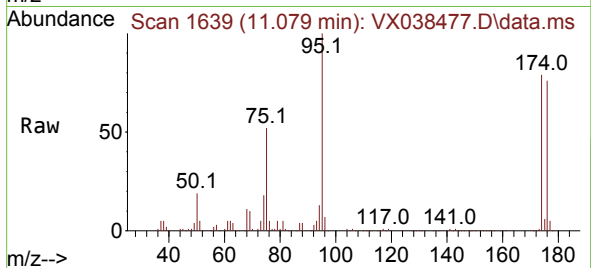




#76
1,2,3-Trichloropropane
Concen: 19.650 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038477.D
Acq: 25 Oct 2023 14:11

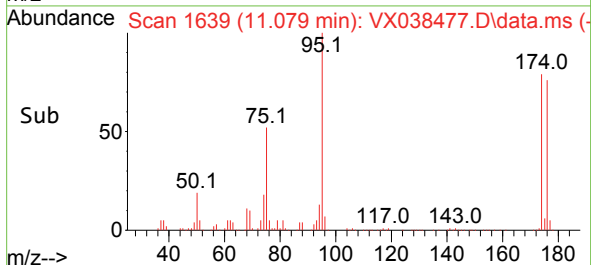
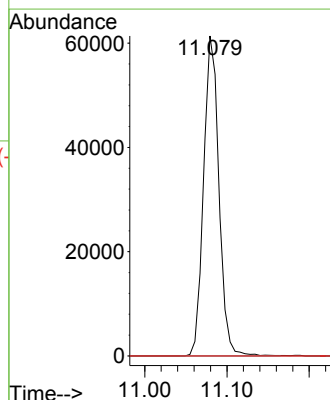
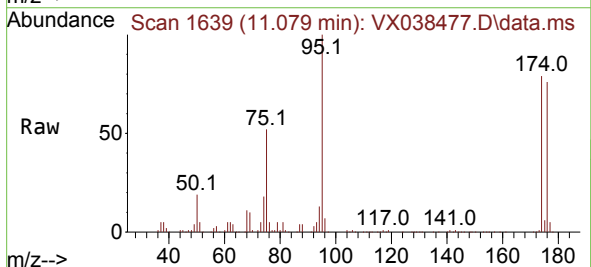
Instrument :
MSVOA_X
ClientSampleId :

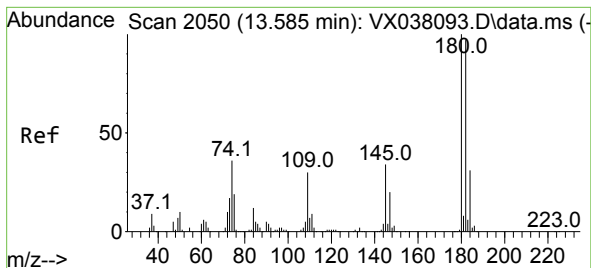
Tgt Ion: 75 Resp: 79544
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.782 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038477.D
Acq: 25 Oct 2023 14:11

Tgt Ion: 75 Resp: 79544
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 2.248 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX038477.D

Acq: 25 Oct 2023 14:11

Instrument :

MSVOA_X

ClientSampleId :

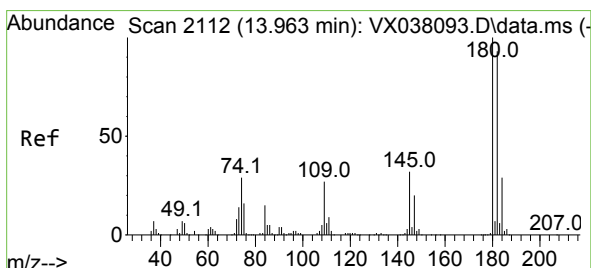
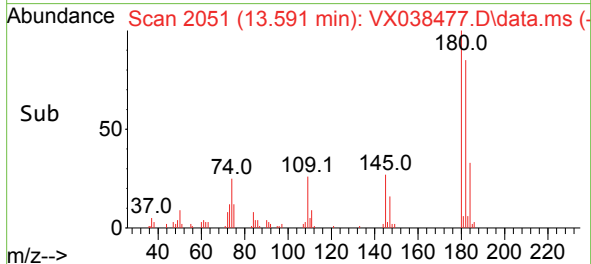
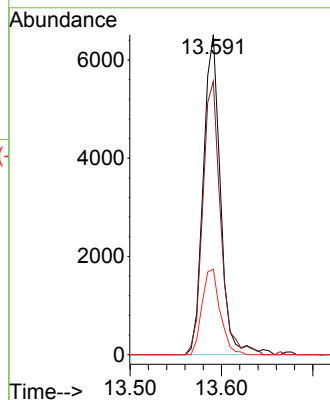
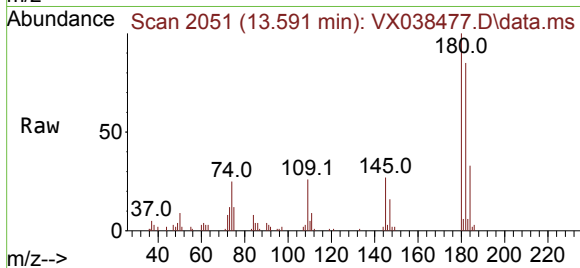
Tgt Ion:180 Resp: 8486

Ion Ratio Lower Upper

180 100

182 88.4 48.3 144.8

145 28.2 18.0 54.0



#96

1,2,3-Trichlorobenzene

Concen: 0.654 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX038477.D

Acq: 25 Oct 2023 14:11

Tgt Ion:180 Resp: 2391

Ion Ratio Lower Upper

180 100

182 99.1 46.9 140.6

145 33.5 17.8 53.5

