

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012224\
 Data File : VX039879.D
 Acq On : 22 Jan 2024 13:29
 Operator : JC/MD
 Sample : P1184-13RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 23 00:16:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

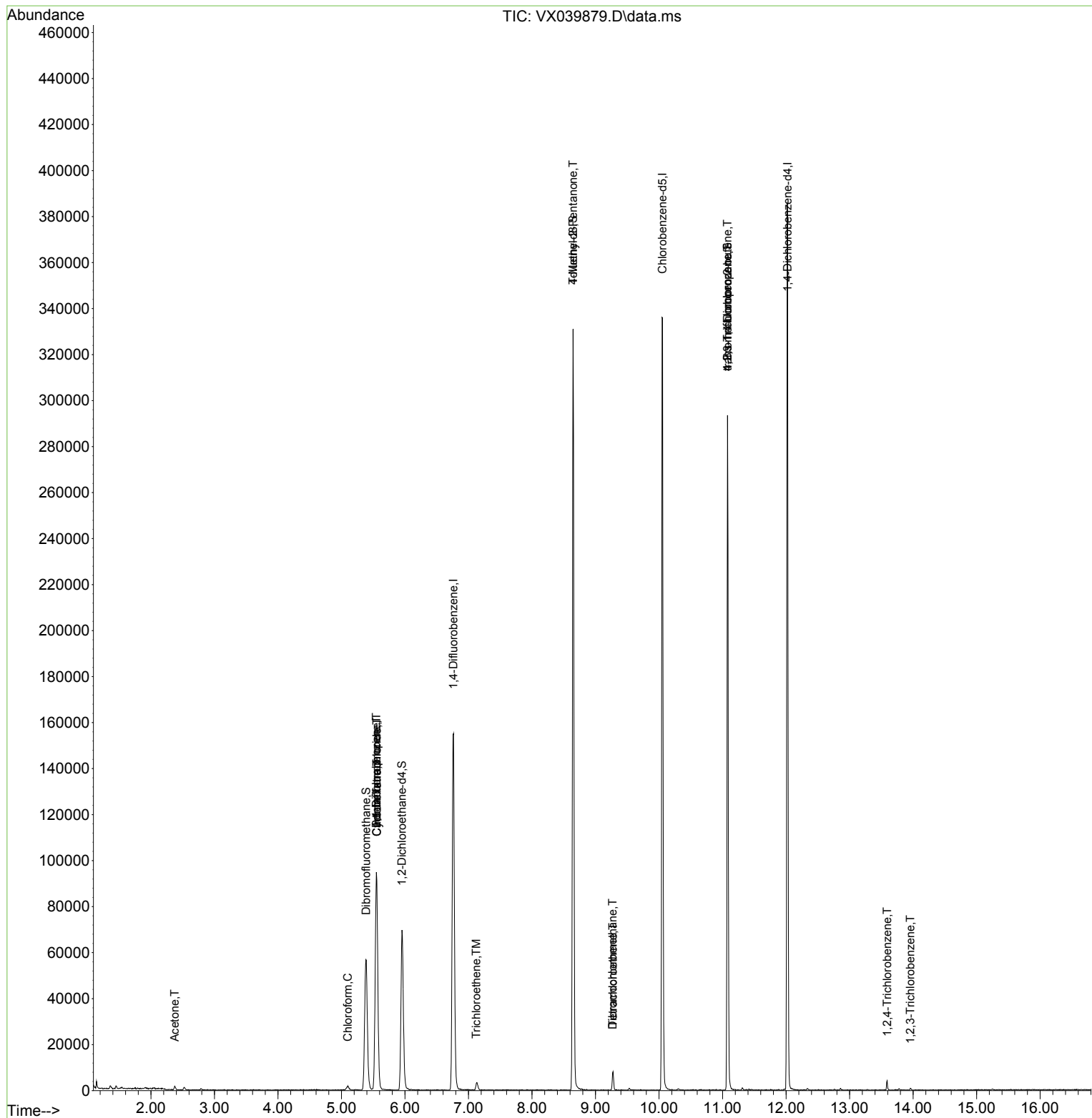
Internal Standards						
1) Pentafluorobenzene	5.549	168	84140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	152160	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66414	47.120	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.240%
35) Dibromofluoromethane	5.385	113	49734	48.527	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.060%
50) Toluene-d8	8.646	98	189060	48.912	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.820%
62) 4-Bromofluorobenzene	11.079	95	75070	49.665	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.320%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	1613	2.035	ug/l	94
30) Chloroform	5.098	83	1954	0.946	ug/l	95
31) Cyclohexane	5.556	56	2362	1.270	ug/l #	12
36) 1,1-Dichloropropene	5.549	75	7815	4.899	ug/l #	52
38) Carbon Tetrachloride	5.556	117	9411	6.441	ug/l #	15
44) Trichloroethene	7.122	130	1323	1.195	ug/l	91
51) 4-Methyl-2-Pentanone	8.646	43	928	0.432	ug/l #	1
60) Dibromochloromethane	9.268	129	1389	1.282	ug/l #	11
64) Tetrachloroethene	9.274	164	1337	1.396	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	42399	21.737	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	42399	63.165	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	1061	0.687	ug/l	94
96) 1,2,3-Trichlorobenzene	13.956	180	335	0.215	ug/l #	87

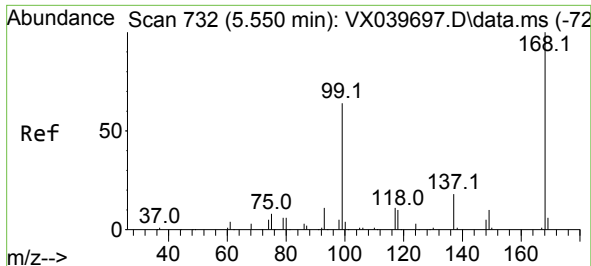
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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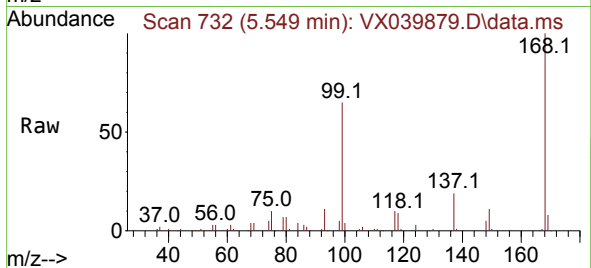
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration



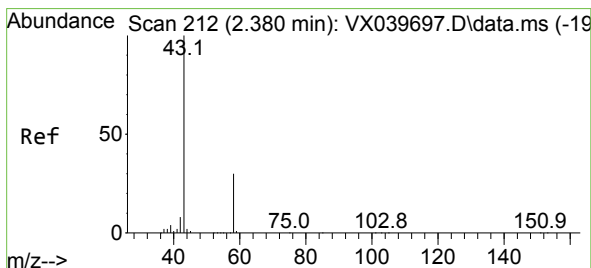
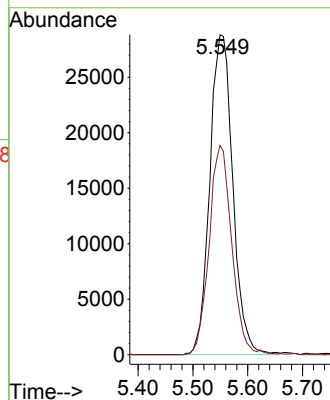
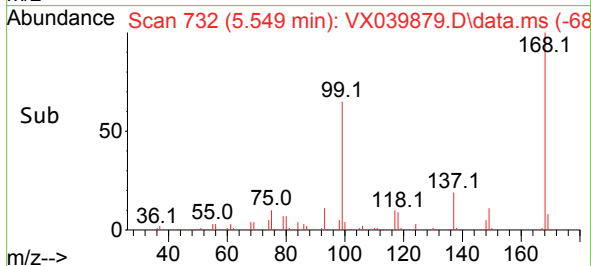


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX039879.D
Acq: 22 Jan 2024 13:29

Instrument :
MSVOA_X
ClientSampleId :

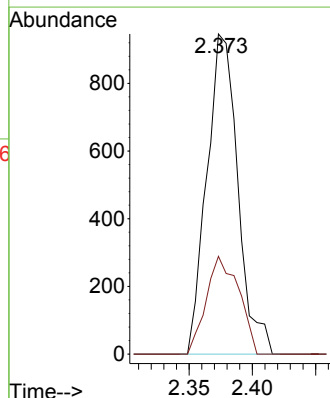
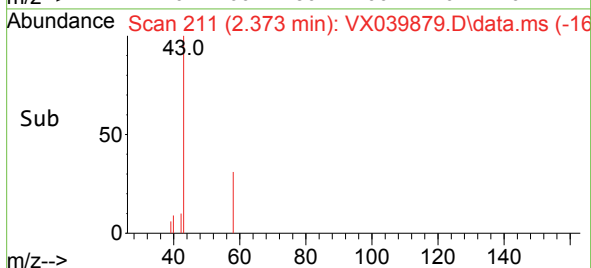
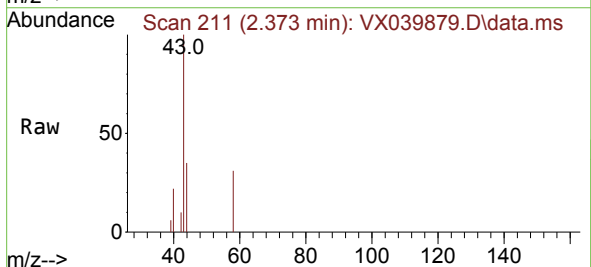


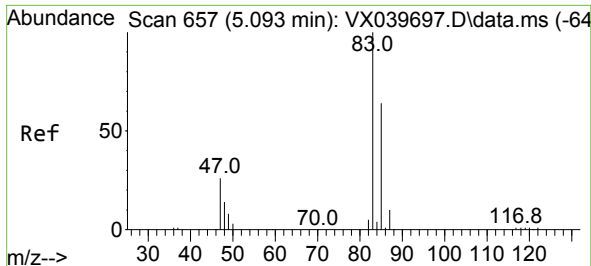
Tgt Ion:168 Resp: 84140
Ion Ratio Lower Upper
168 100
99 65.4 56.6 85.0



#16
Acetone
Concen: 2.035 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039879.D
Acq: 22 Jan 2024 13:29

Tgt Ion: 43 Resp: 1613
Ion Ratio Lower Upper
43 100
58 30.5 21.9 32.9

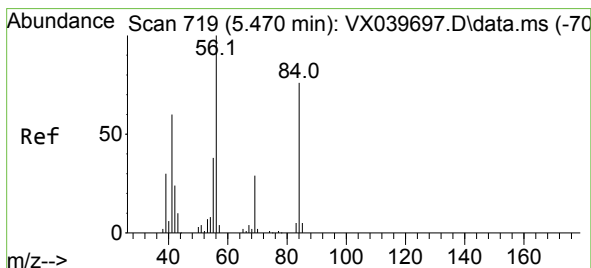
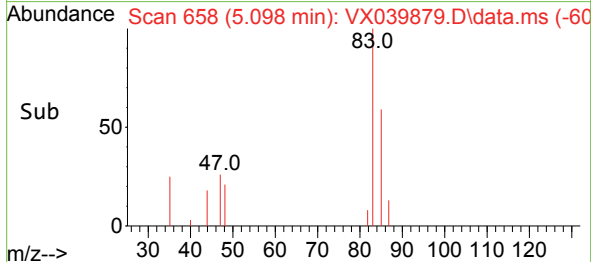
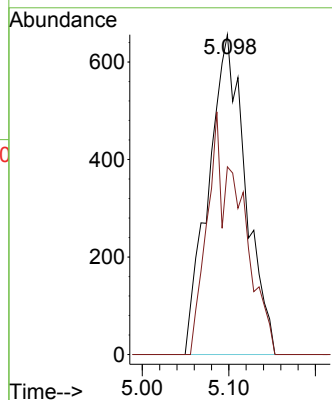
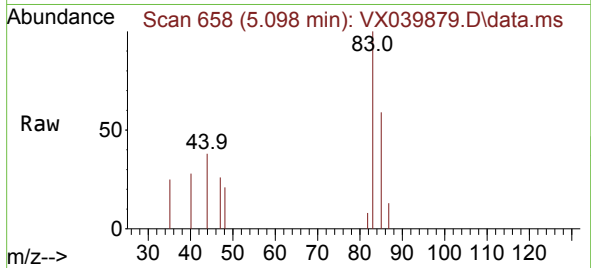




#30
Chloroform
Concen: 0.946 ug/l
RT: 5.098 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039879.D
Acq: 22 Jan 2024 13:29

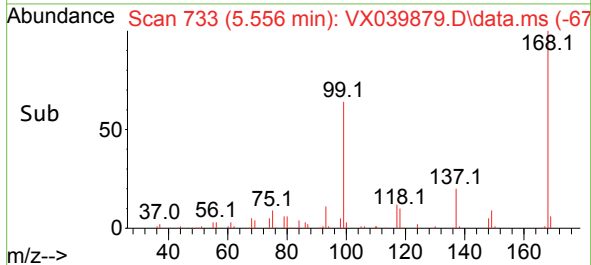
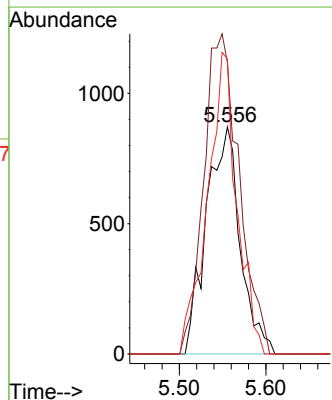
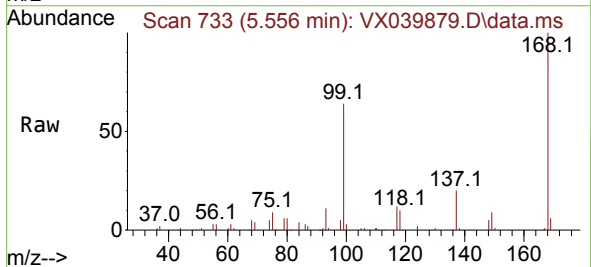
Instrument :
MSVOA_X
ClientSampleId :

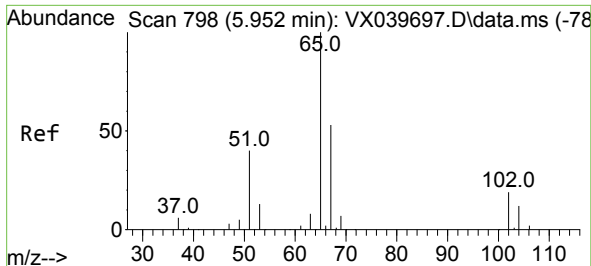
Tgt Ion: 83 Resp: 1954
Ion Ratio Lower Upper
83 100
85 58.7 50.3 75.5



#31
Cyclohexane
Concen: 1.270 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX039879.D
Acq: 22 Jan 2024 13:29

Tgt Ion: 56 Resp: 2362
Ion Ratio Lower Upper
56 100
69 128.5 23.4 35.2#
84 130.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.120 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039879.D

Acq: 22 Jan 2024 13:29

Instrument :

MSVOA_X

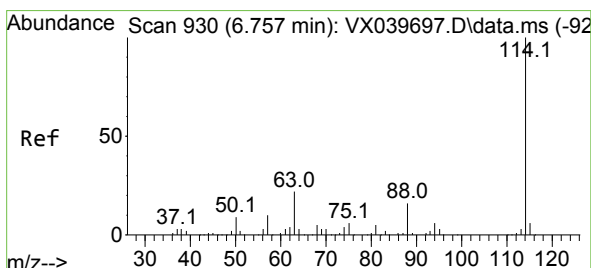
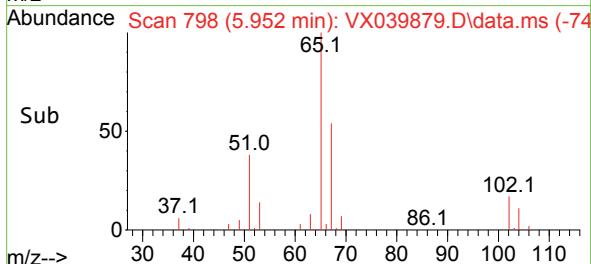
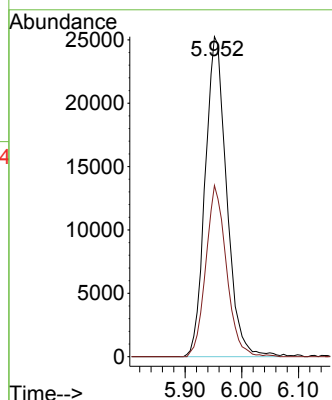
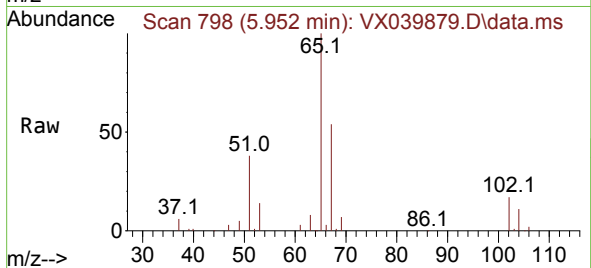
ClientSampleId :

Tgt Ion: 65 Resp: 66414

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX039879.D

Acq: 22 Jan 2024 13:29

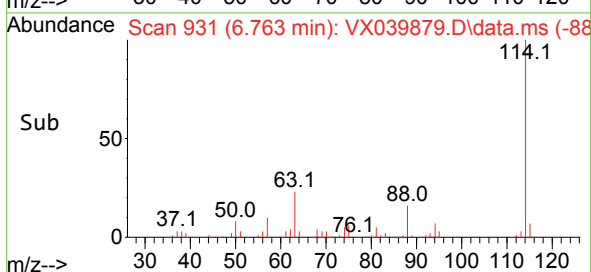
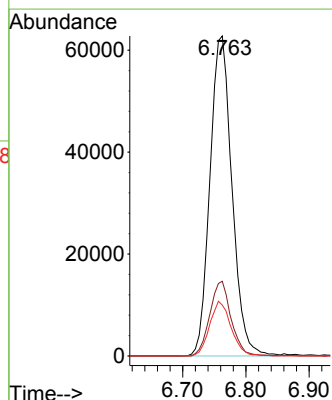
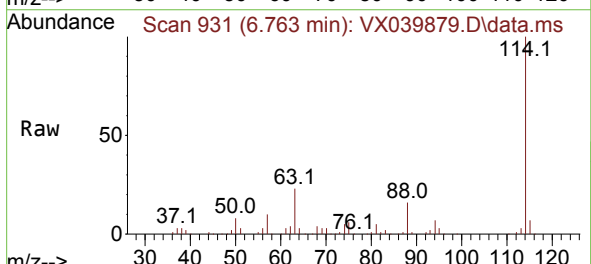
Tgt Ion: 114 Resp: 152160

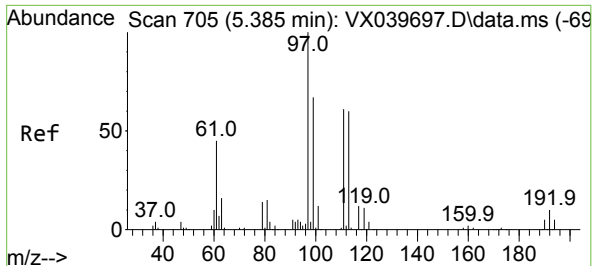
Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.0

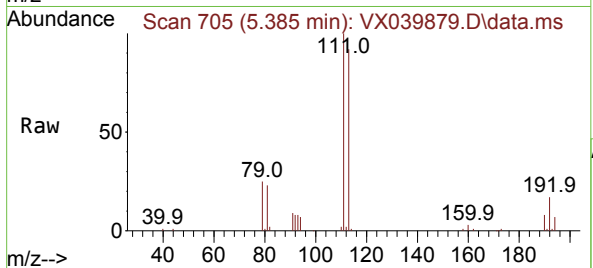
88 15.9 0.0 36.6



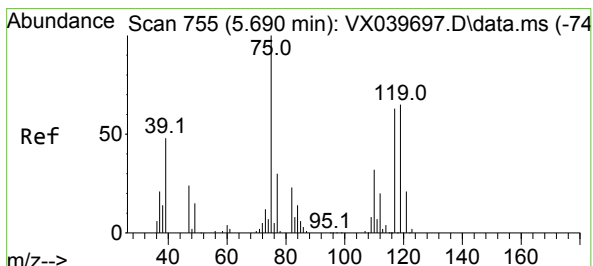
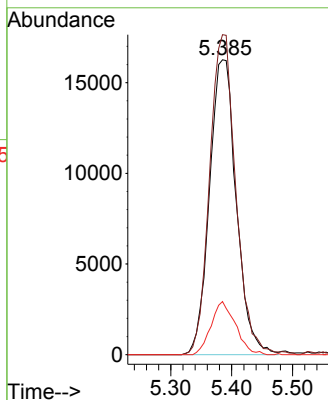
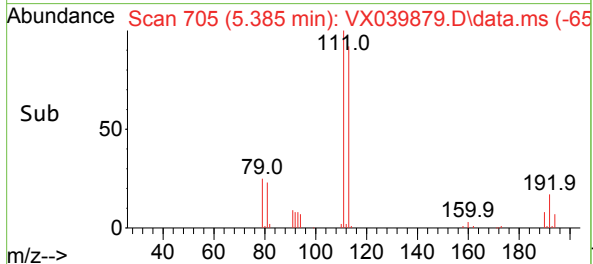


#35
Dibromofluoromethane
Concen: 48.527 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039879.D
Acq: 22 Jan 2024 13:29

Instrument :
MSVOA_X
ClientSampleId :

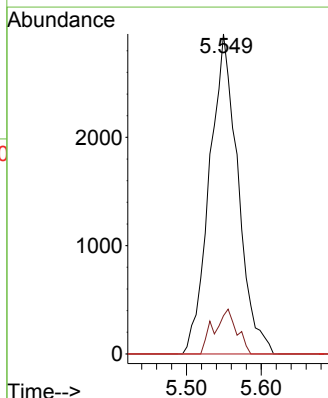
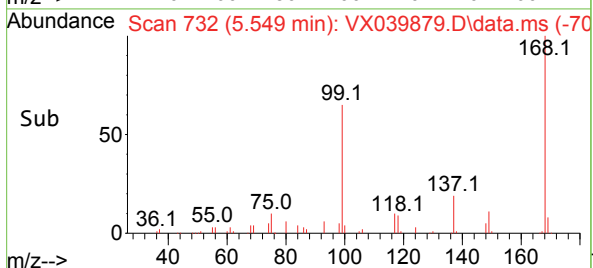
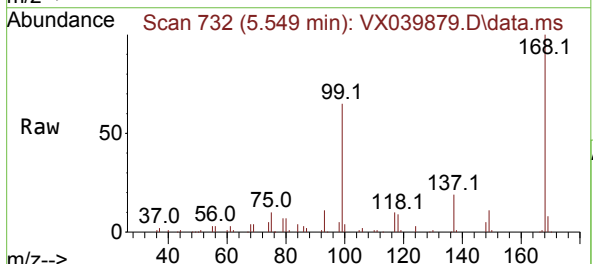


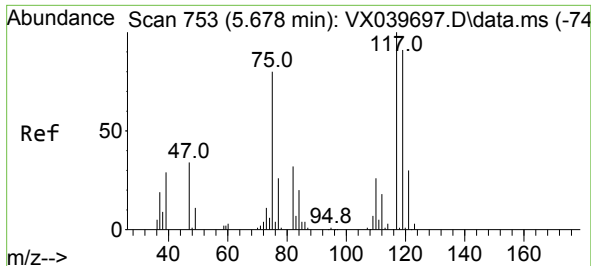
Tgt Ion:113 Resp: 49734
Ion Ratio Lower Upper
113 100
111 106.1 82.9 124.3
192 16.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.899 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.141 min
Lab File: VX039879.D
Acq: 22 Jan 2024 13:29

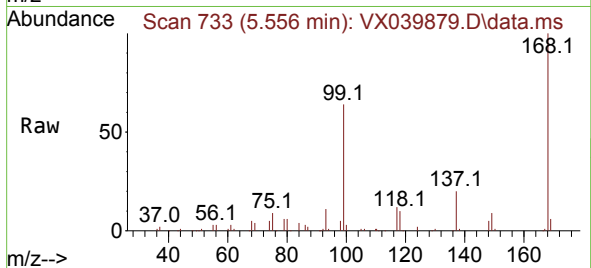
Tgt Ion: 75 Resp: 7815
Ion Ratio Lower Upper
75 100
110 11.2 17.0 50.9#
77 0.0 24.7 37.1#



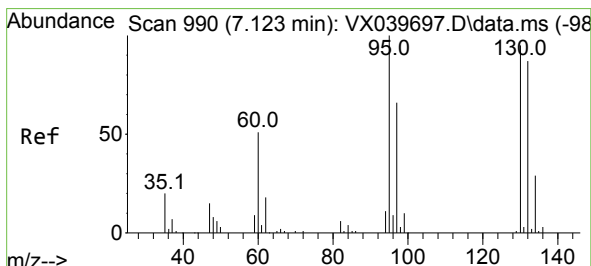
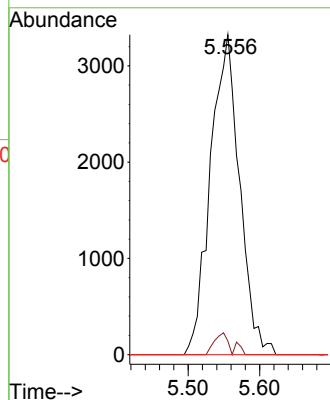
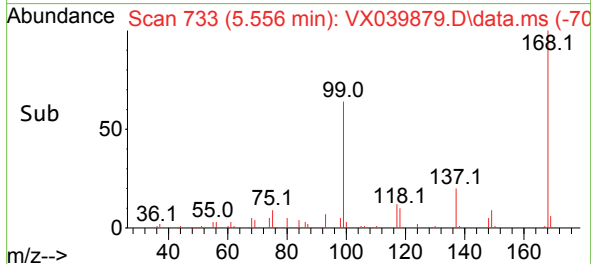


#38
Carbon Tetrachloride
Concen: 6.441 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX039879.D
Acq: 22 Jan 2024 13:29

Instrument :
MSVOA_X
ClientSampleId :

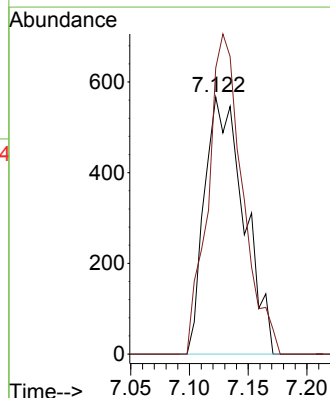
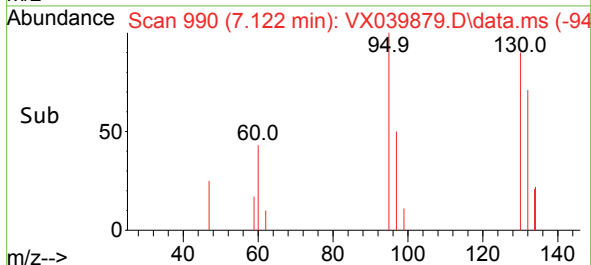
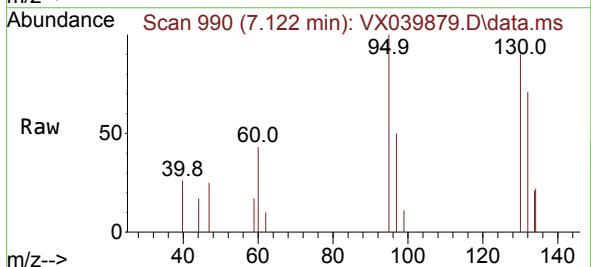


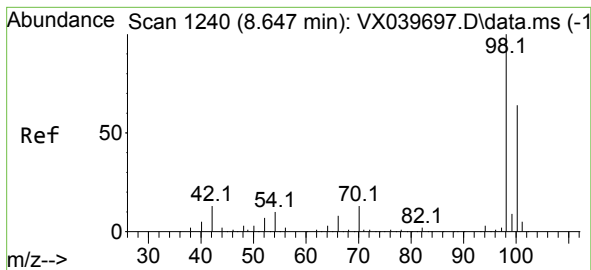
Tgt Ion:117 Resp: 9411
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 1.195 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX039879.D
Acq: 22 Jan 2024 13:29

Tgt Ion:130 Resp: 1323
Ion Ratio Lower Upper
130 100
95 111.3 0.0 204.4





#50

Toluene-d8

Concen: 48.912 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX039879.D

Acq: 22 Jan 2024 13:29

Instrument :

MSVOA_X

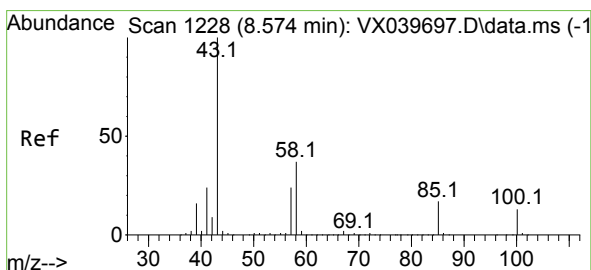
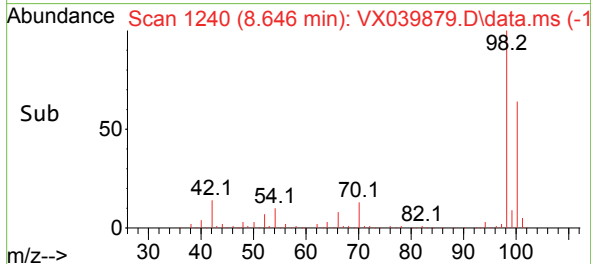
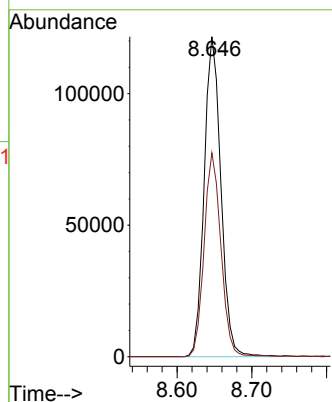
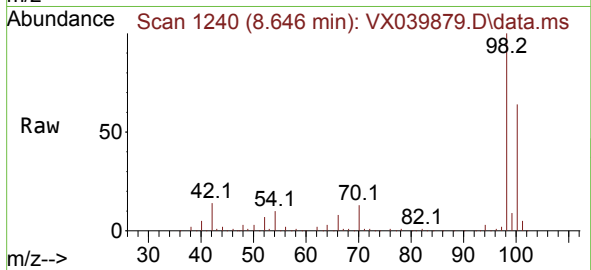
ClientSampleId :

Tgt Ion: 98 Resp: 189060

Ion Ratio Lower Upper

98 100

100 63.9 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.432 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX039879.D

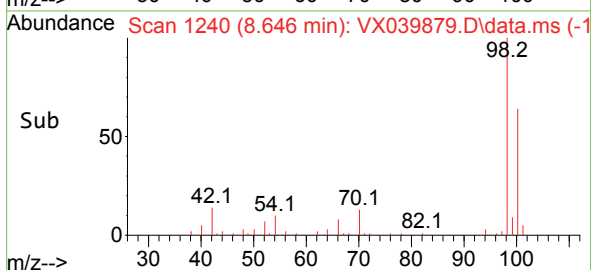
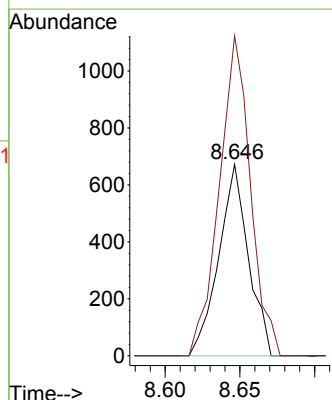
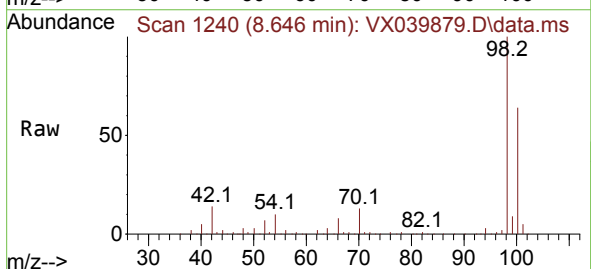
Acq: 22 Jan 2024 13:29

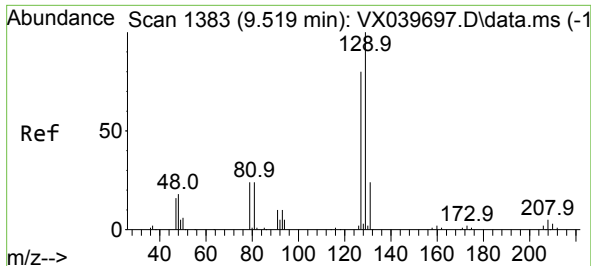
Tgt Ion: 43 Resp: 928

Ion Ratio Lower Upper

43 100

58 175.4 30.4 45.6#

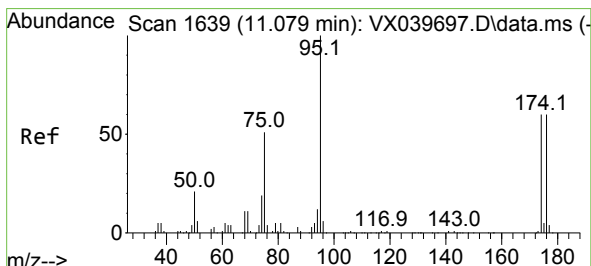
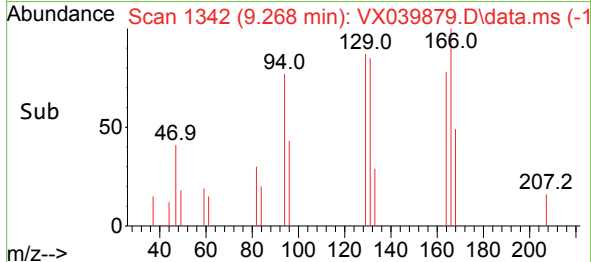
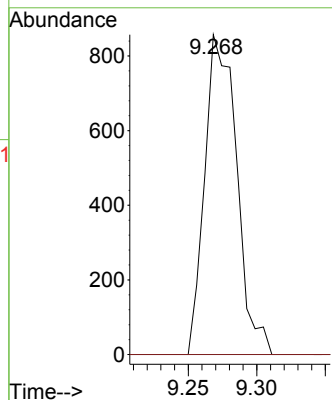
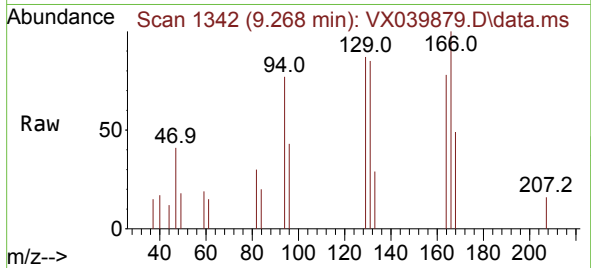




#60
Dibromochloromethane
Concen: 1.282 ug/l
RT: 9.268 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX039879.D
Acq: 22 Jan 2024 13:29

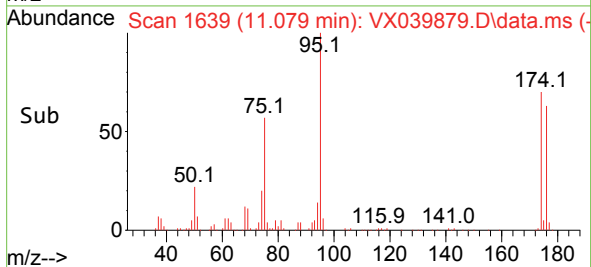
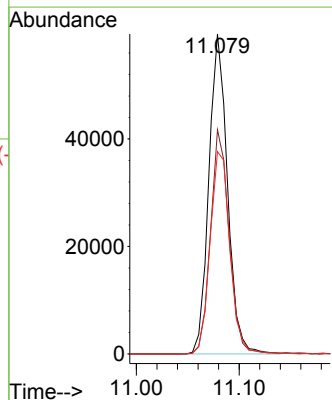
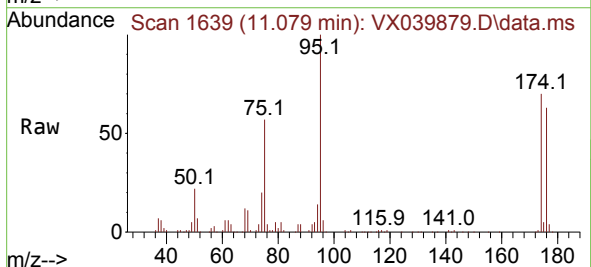
Instrument :
MSVOA_X
ClientSampleId :

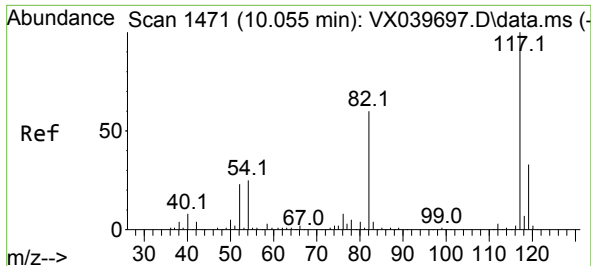
Tgt Ion:129 Resp: 1389
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 49.665 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039879.D
Acq: 22 Jan 2024 13:29

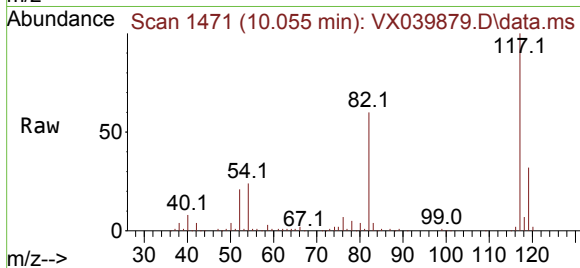
Tgt Ion: 95 Resp: 75070
Ion Ratio Lower Upper
95 100
174 70.2 0.0 135.6
176 67.0 0.0 131.0



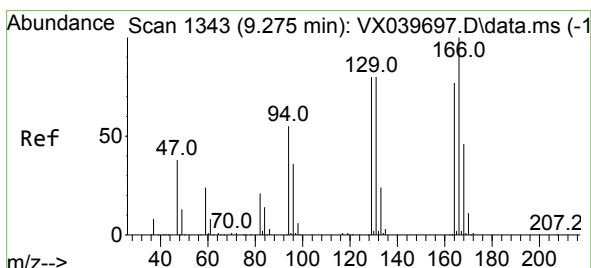
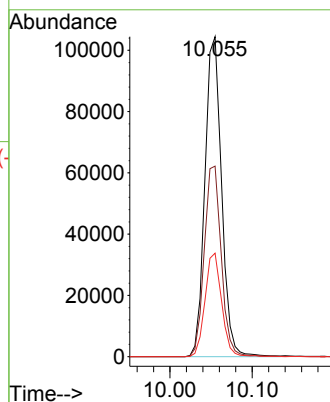
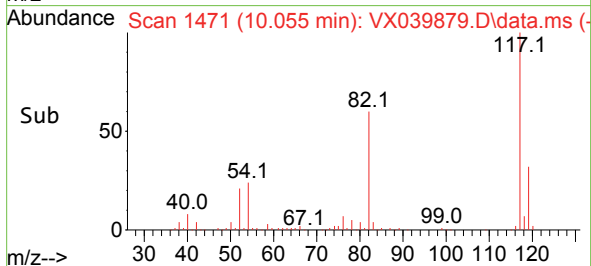


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039879.D
Acq: 22 Jan 2024 13:29

Instrument :
MSVOA_X
ClientSampleId :

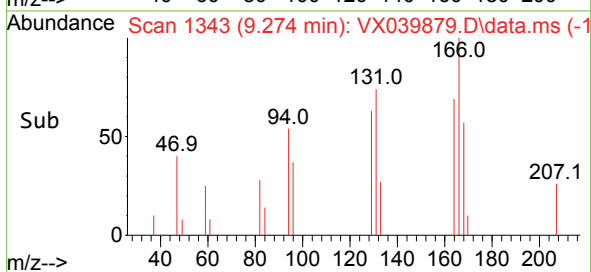
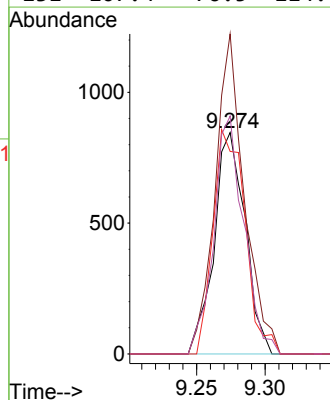
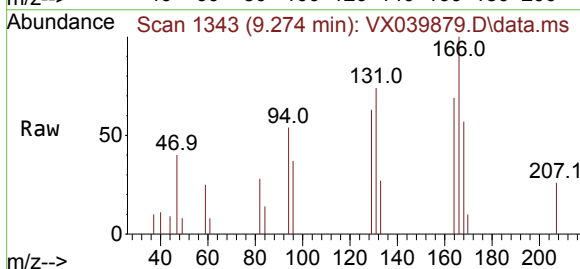


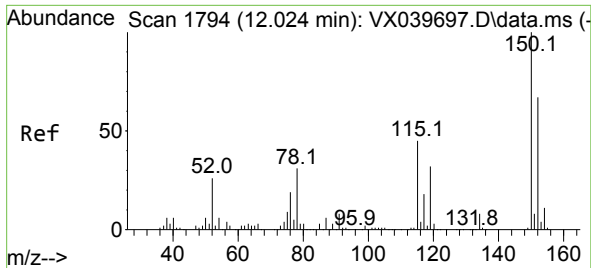
Tgt Ion:117 Resp: 147300
Ion Ratio Lower Upper
117 100
82 59.6 46.2 69.4
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 1.396 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX039879.D
Acq: 22 Jan 2024 13:29

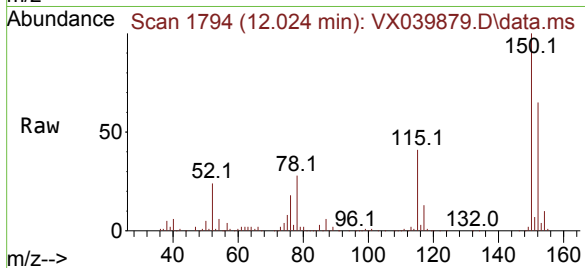
Tgt Ion:164 Resp: 1337
Ion Ratio Lower Upper
164 100
166 144.6 102.7 154.1
129 91.5 80.4 120.6
131 107.4 76.5 114.7



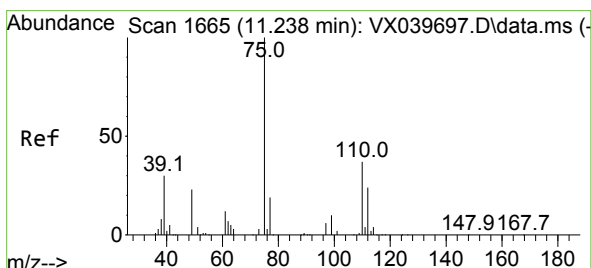
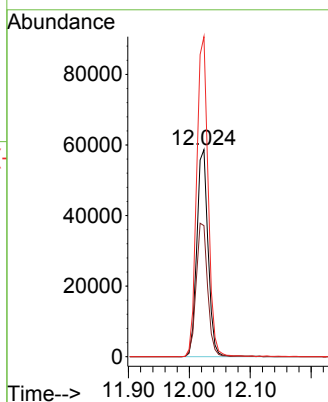
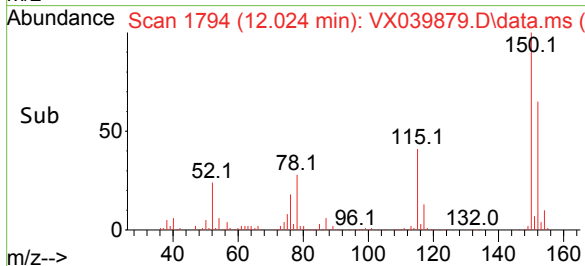


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX039879.D
Acq: 22 Jan 2024 13:29

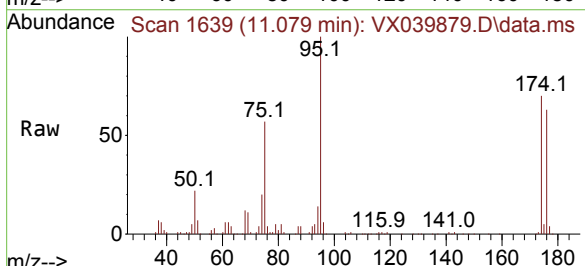
Instrument :
MSVOA_X
ClientSampleId :



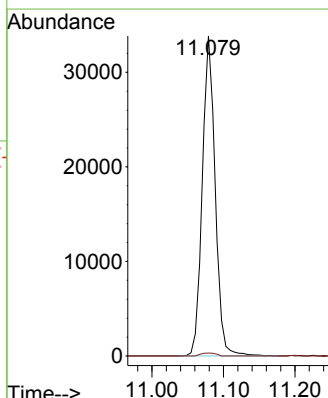
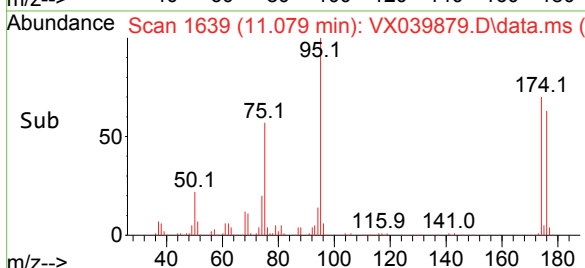
Tgt Ion:152 Resp: 75236
Ion Ratio Lower Upper
152 100
115 65.5 43.3 129.9
150 157.1 0.0 345.0

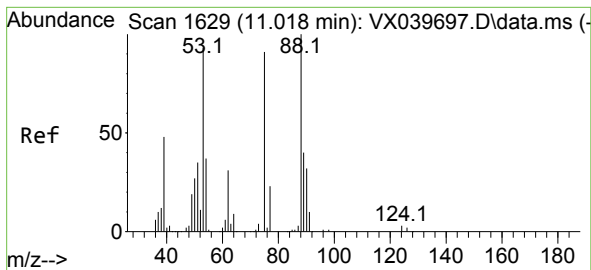


#76
1,2,3-Trichloropropane
Concen: 21.737 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX039879.D
Acq: 22 Jan 2024 13:29



Tgt Ion: 75 Resp: 42399
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

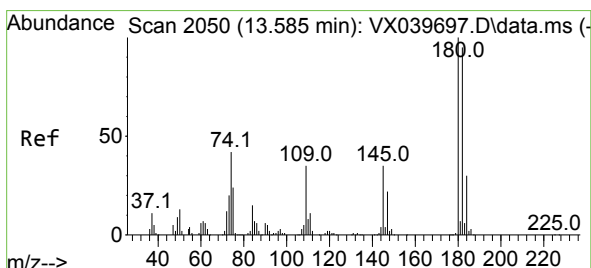
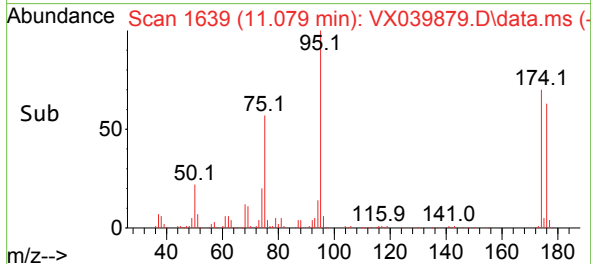
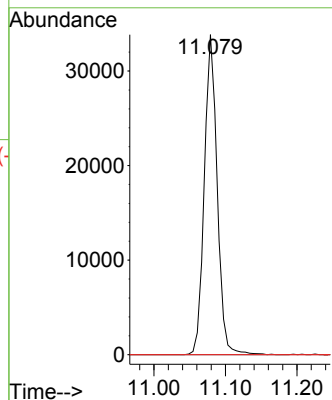
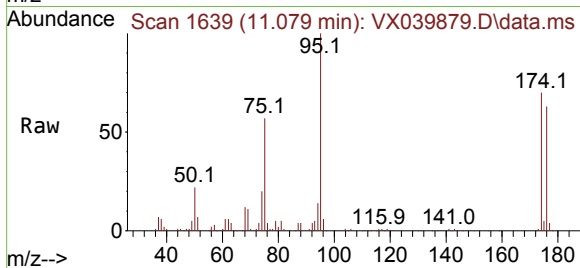




#81
trans-1,4-Dichloro-2-butene
Concen: 63.165 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039879.D
Acq: 22 Jan 2024 13:29

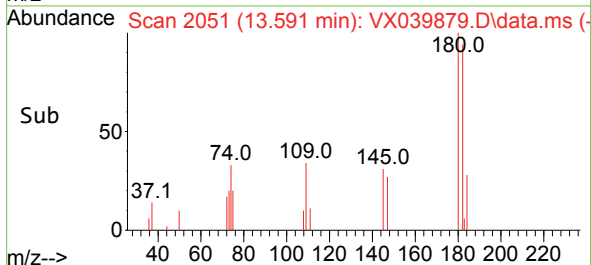
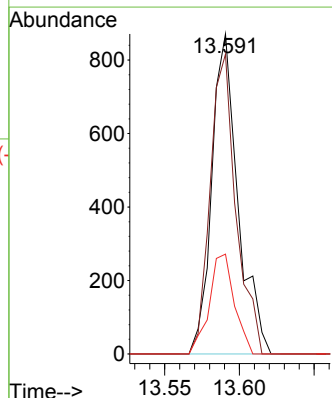
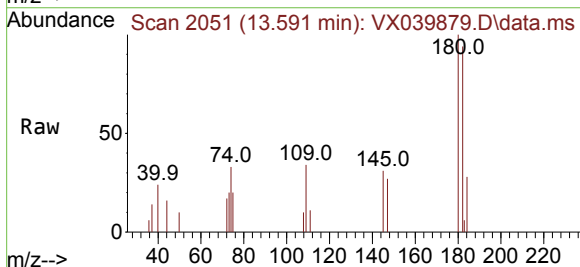
Instrument :
MSVOA_X
ClientSampleId :

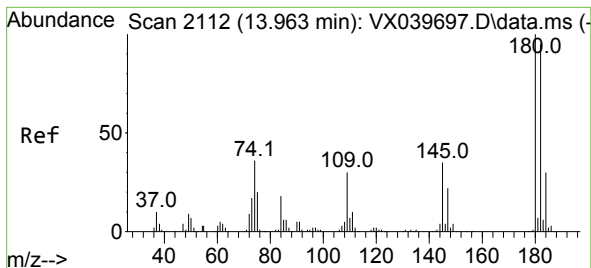
Tgt Ion: 75 Resp: 42399
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.687 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX039879.D
Acq: 22 Jan 2024 13:29

Tgt Ion:180 Resp: 1061
Ion Ratio Lower Upper
180 100
182 92.3 48.3 144.8
145 29.9 18.0 54.0





#96

1,2,3-Trichlorobenzene

Concen: 0.215 ug/l

RT: 13.956 min Scan# 21

Delta R.T. -0.006 min

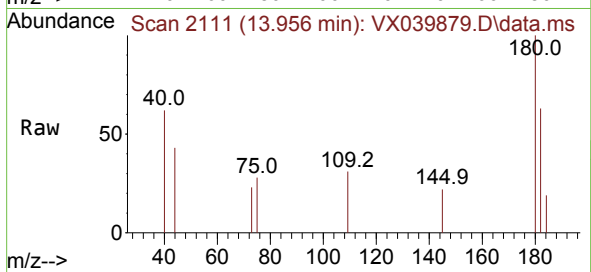
Lab File: VX039879.D

Acq: 22 Jan 2024 13:29

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 335

Ion Ratio Lower Upper

180 100

182 98.2 46.9 140.6

145 15.2 17.8 53.5#

