

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011524\
 Data File : VX039758.D
 Acq On : 15 Jan 2024 16:19
 Operator : JC/MD
 Sample : P1145-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 16 01:42:49 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)

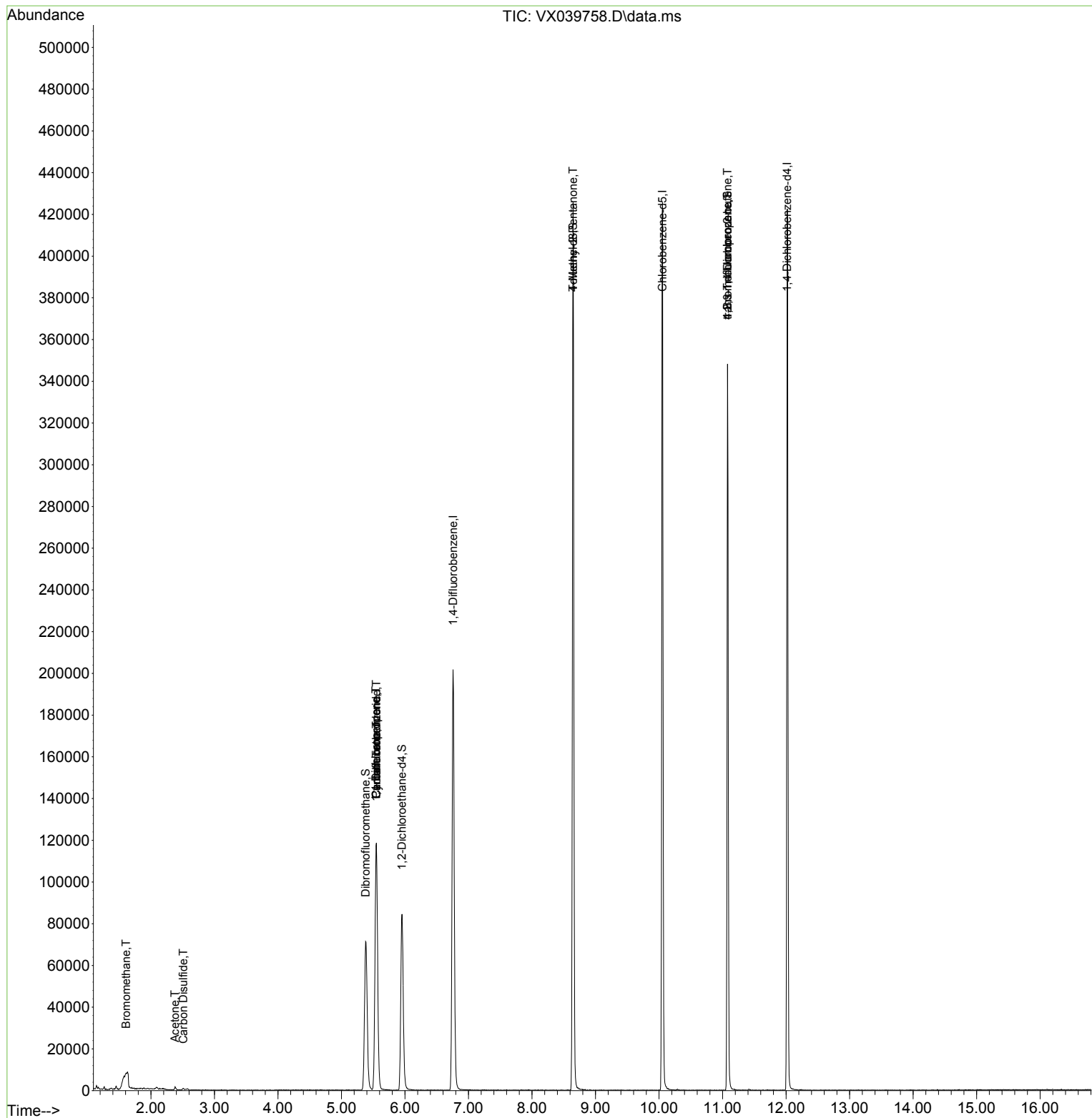
Internal Standards						
1) Pentafluorobenzene	5.550	168	107567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	200114	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	84184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81825	45.410	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.820%
35) Dibromofluoromethane	5.379	113	63692	47.254	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.500%
50) Toluene-d8	8.647	98	243858	47.970	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.940%
62) 4-Bromofluorobenzene	11.079	95	95058	47.818	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.640%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	259	0.303	ug/l	95
16) Acetone	2.380	43	1214	1.198	ug/l #	80
17) Carbon Disulfide	2.508	76	1087	0.292	ug/l #	76
31) Cyclohexane	5.550	56	2841	1.195	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	9697	4.622	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11825	6.154	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1212	0.429	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	50593	23.181	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	50593	66.879	ug/l #	5

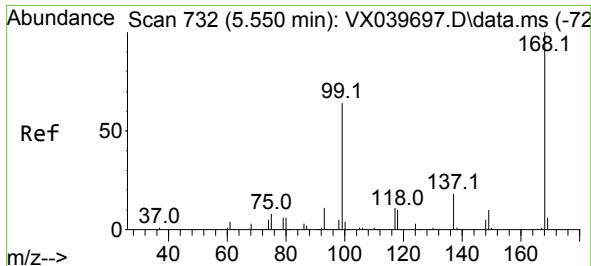
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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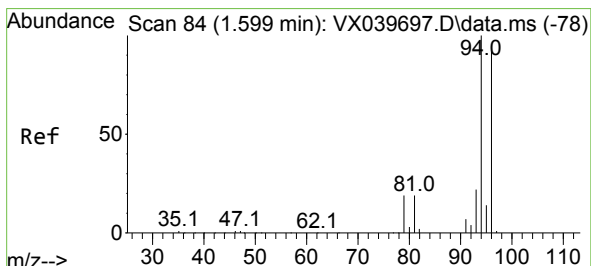
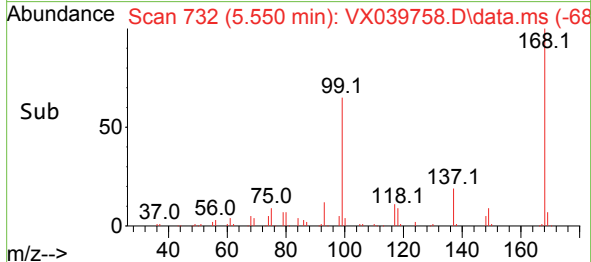
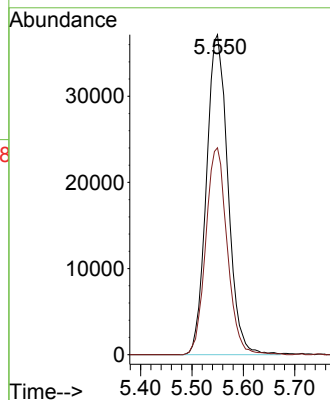
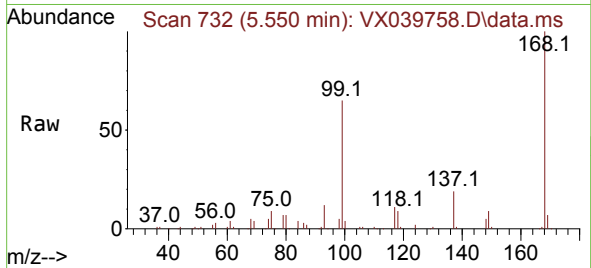




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039758.D
Acq: 15 Jan 2024 16:19

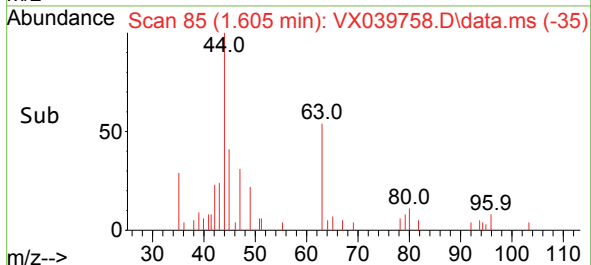
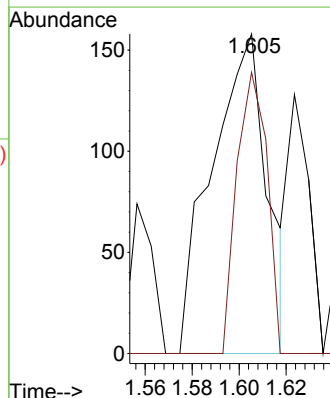
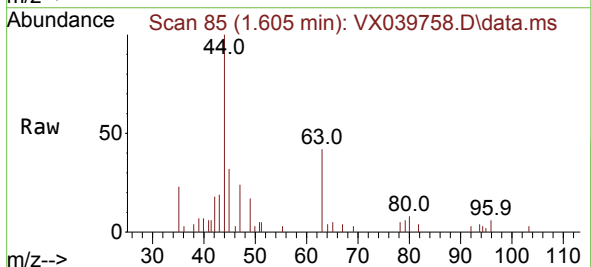
Instrument :
MSVOA_X
ClientSampleId :

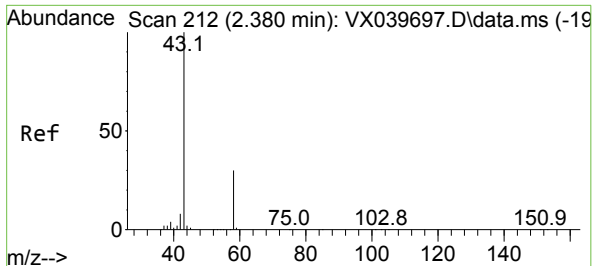
Tgt Ion:168 Resp: 107567
Ion Ratio Lower Upper
168 100
99 64.6 56.6 85.0



#5
Bromomethane
Concen: 0.303 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX039758.D
Acq: 15 Jan 2024 16:19

Tgt Ion: 94 Resp: 259
Ion Ratio Lower Upper
94 100
96 88.0 74.6 111.8





#16

Acetone

Concen: 1.198 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

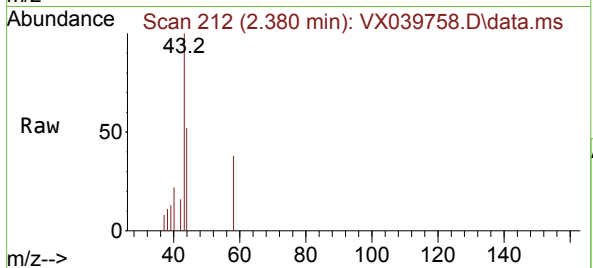
Lab File: VX039758.D

Acq: 15 Jan 2024 16:19

Instrument :

MSVOA_X

ClientSampleId :

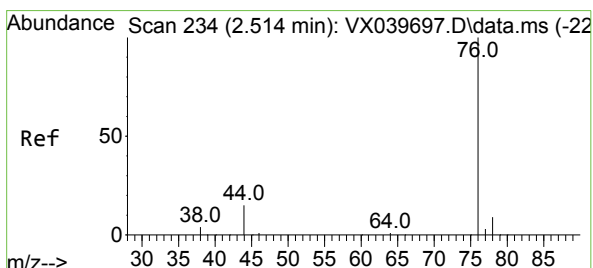
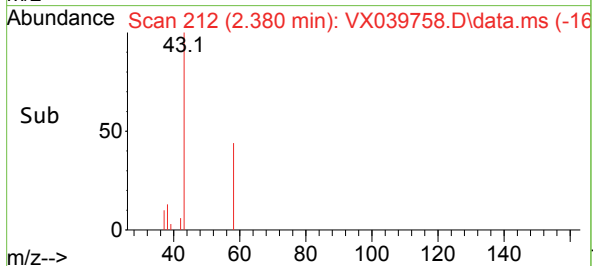
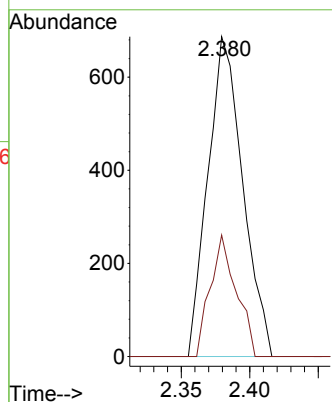


Tgt Ion: 43 Resp: 1214

Ion Ratio Lower Upper

43 100

58 38.0 21.9 32.9#



#17

Carbon Disulfide

Concen: 0.292 ug/l

RT: 2.508 min Scan# 233

Delta R.T. -0.006 min

Lab File: VX039758.D

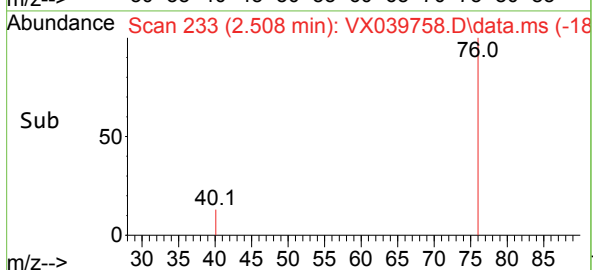
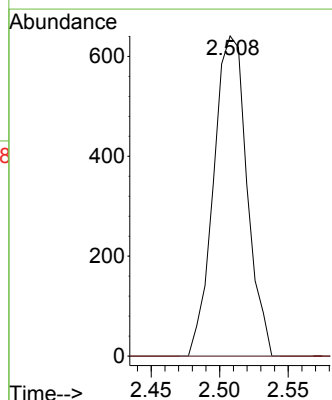
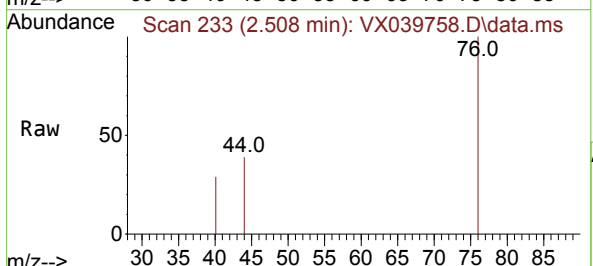
Acq: 15 Jan 2024 16:19

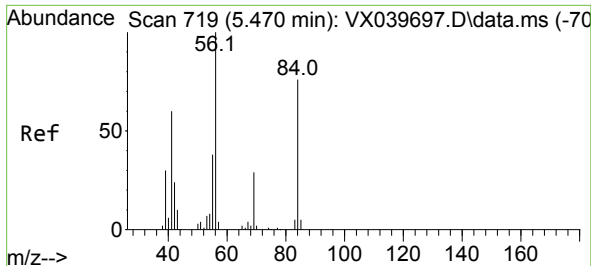
Tgt Ion: 76 Resp: 1087

Ion Ratio Lower Upper

76 100

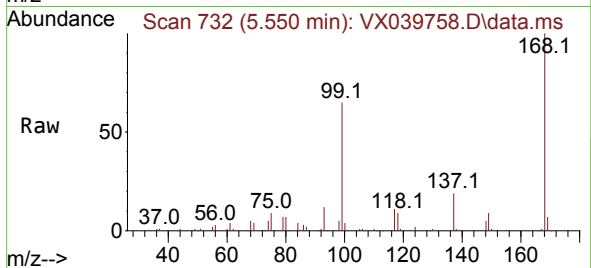
78 0.0 7.0 10.6#



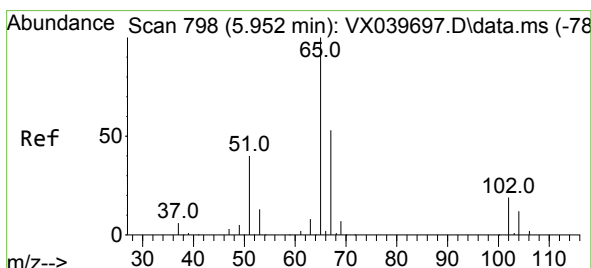
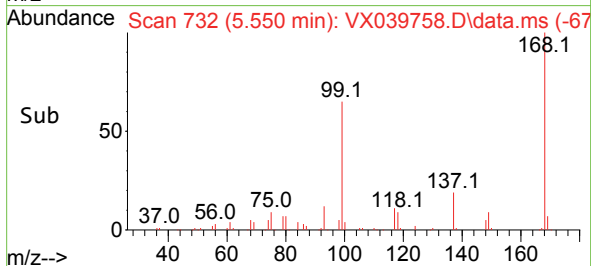
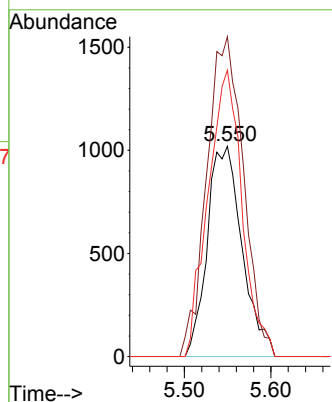


#31
Cyclohexane
Concen: 1.195 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX039758.D
Acq: 15 Jan 2024 16:19

Instrument :
MSVOA_X
ClientSampleId :

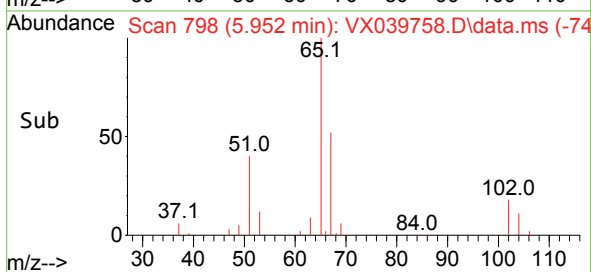
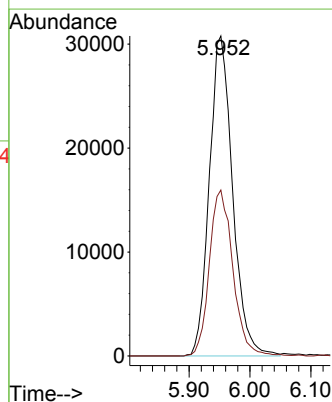
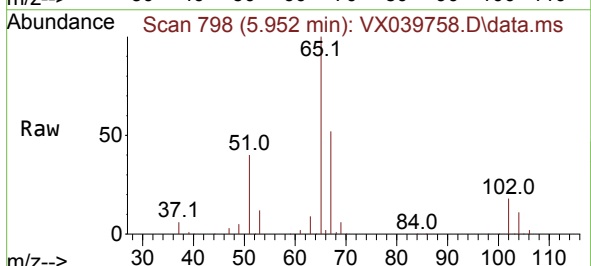


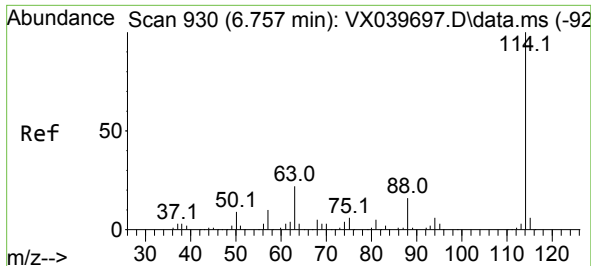
Tgt Ion: 56 Resp: 2841
Ion Ratio Lower Upper
56 100
69 152.1 23.4 35.2#
84 136.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.410 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039758.D
Acq: 15 Jan 2024 16:19

Tgt Ion: 65 Resp: 81825
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.2

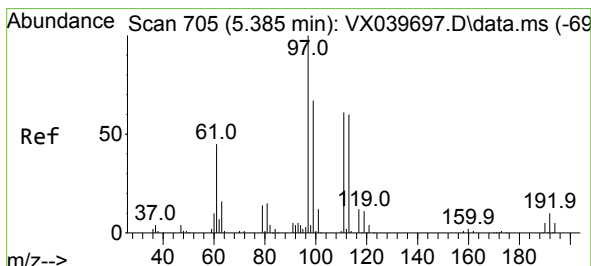
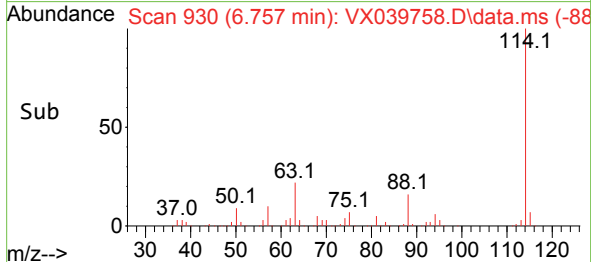
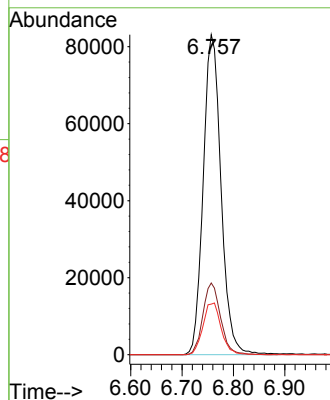
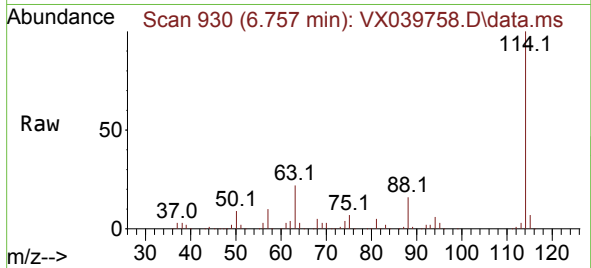




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX039758.D
Acq: 15 Jan 2024 16:19

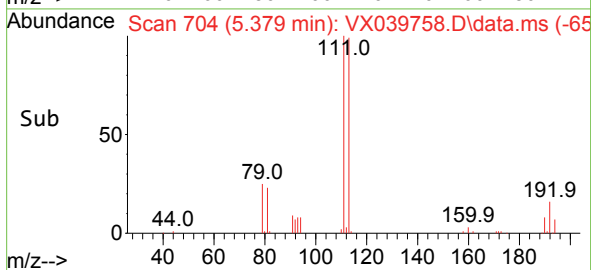
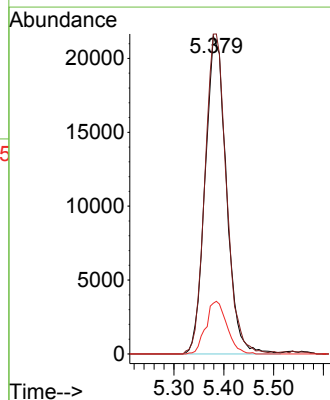
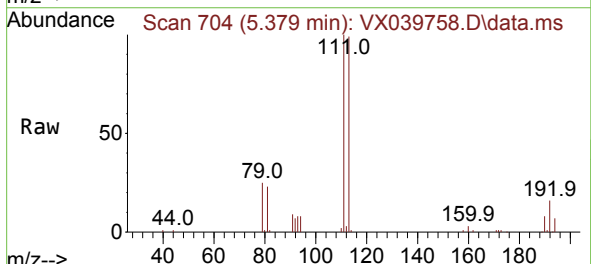
Instrument :
MSVOA_X
ClientSampleId :

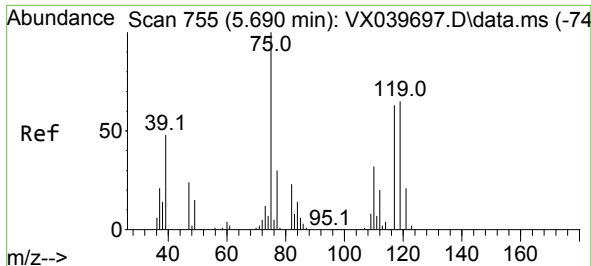
Tgt Ion:114 Resp: 200114
Ion Ratio Lower Upper
114 100
63 22.4 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.254 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039758.D
Acq: 15 Jan 2024 16:19

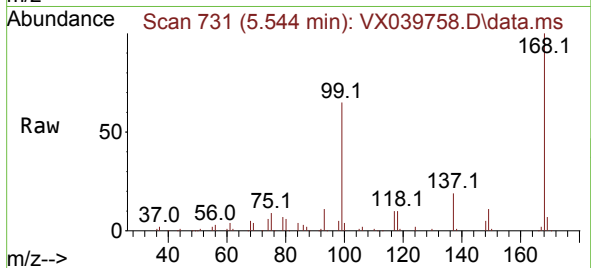
Tgt Ion:113 Resp: 63692
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 16.4 13.3 19.9



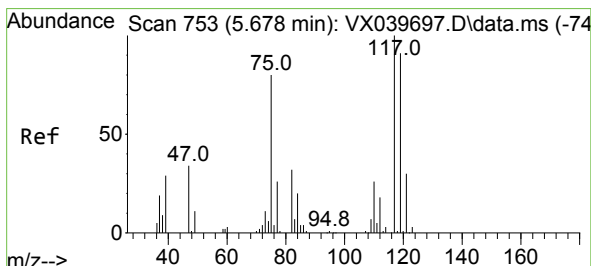
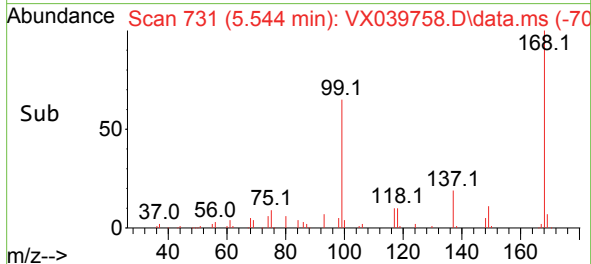
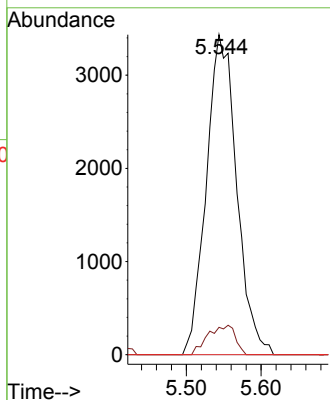


#36
1,1-Dichloropropene
Concen: 4.622 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX039758.D
Acq: 15 Jan 2024 16:19

Instrument :
MSVOA_X
ClientSampleId :

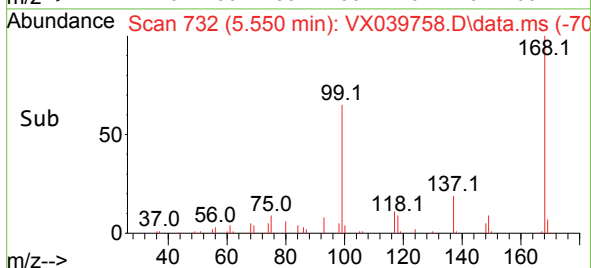
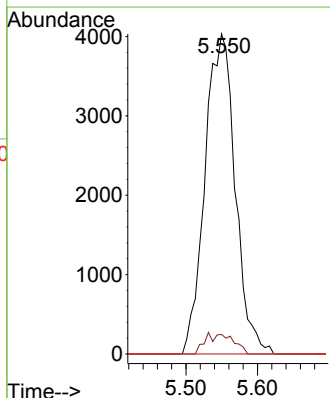
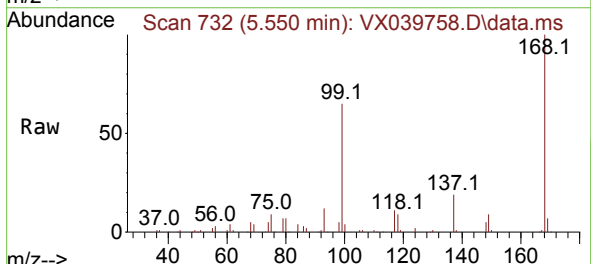


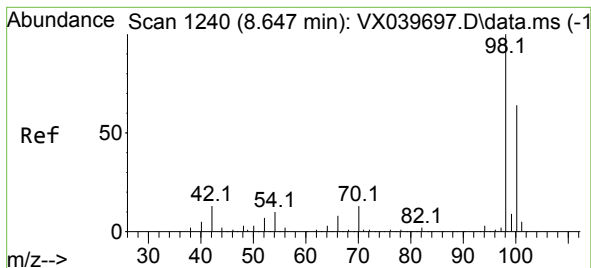
Tgt Ion: 75 Resp: 9697
Ion Ratio Lower Upper
75 100
110 8.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.154 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039758.D
Acq: 15 Jan 2024 16:19

Tgt Ion: 117 Resp: 11825
Ion Ratio Lower Upper
117 100
119 6.1 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 47.970 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX039758.D

Acq: 15 Jan 2024 16:19

Instrument :

MSVOA_X

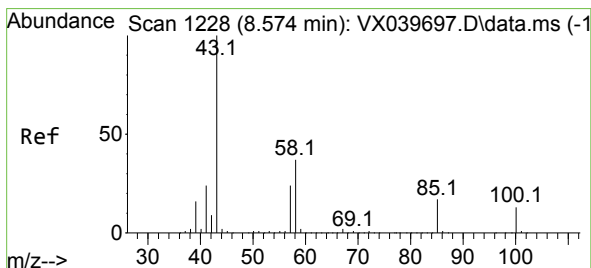
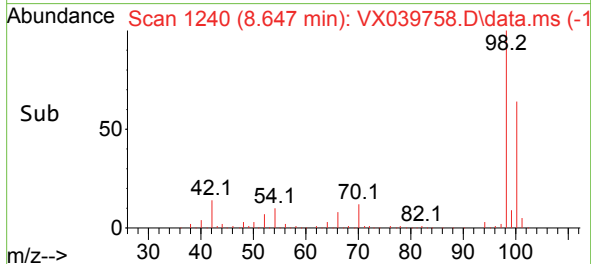
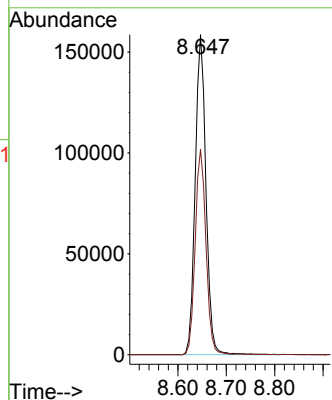
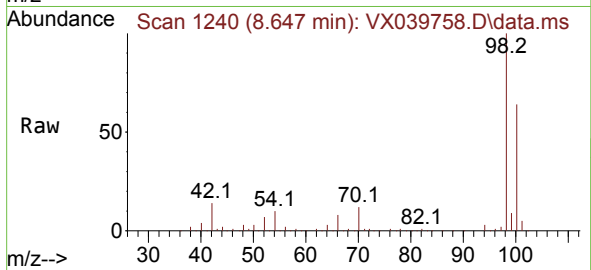
ClientSampleId :

Tgt Ion: 98 Resp: 243858

Ion Ratio Lower Upper

98 100

100 64.4 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.429 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX039758.D

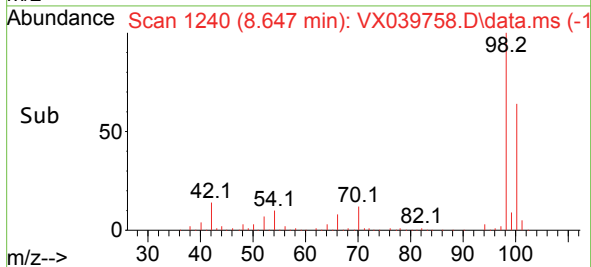
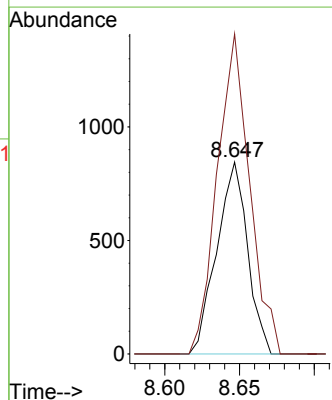
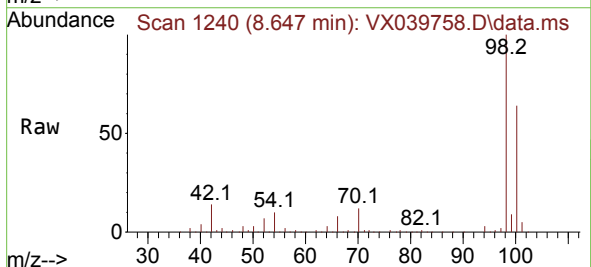
Acq: 15 Jan 2024 16:19

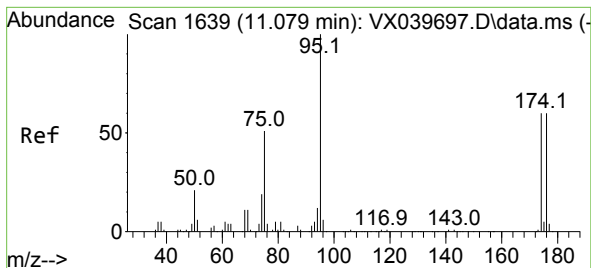
Tgt Ion: 43 Resp: 1212

Ion Ratio Lower Upper

43 100

58 174.9 30.4 45.6#

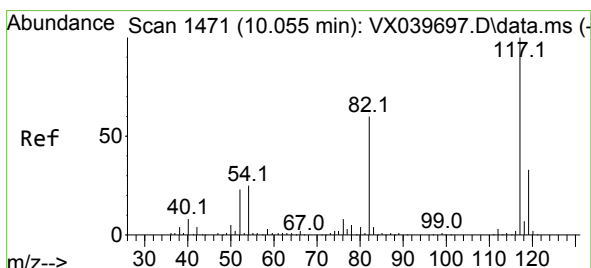
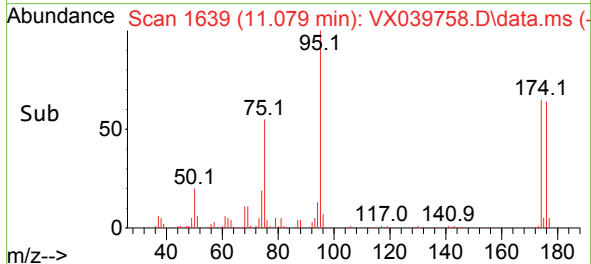
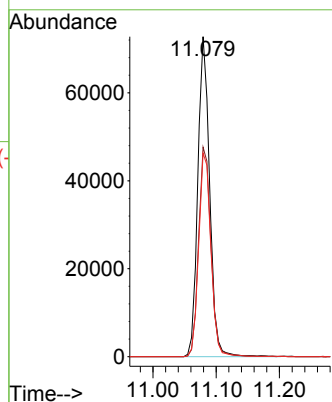
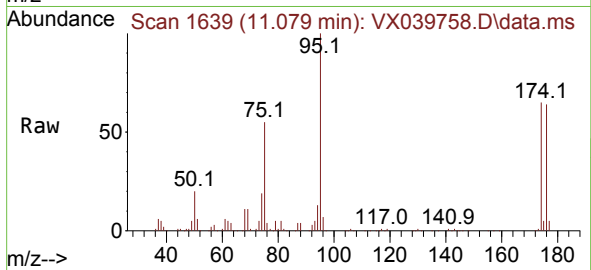




#62
4-Bromofluorobenzene
Concen: 47.818 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039758.D
Acq: 15 Jan 2024 16:19

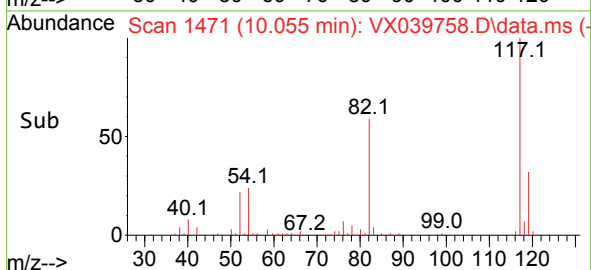
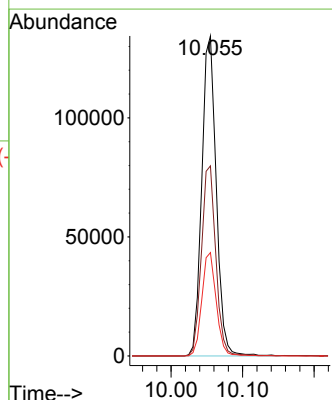
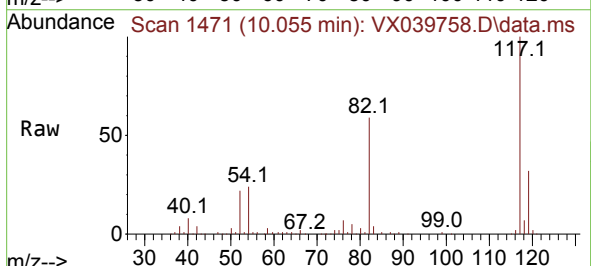
Instrument :
MSVOA_X
ClientSampleId :

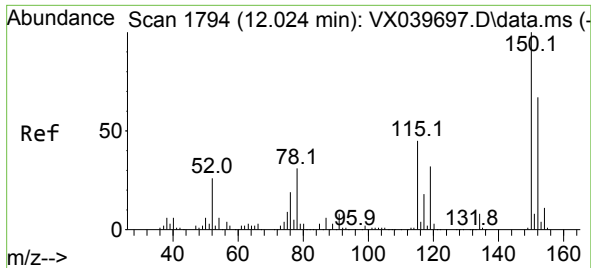
Tgt Ion: 95 Resp: 95058
Ion Ratio Lower Upper
95 100
174 68.1 0.0 135.6
176 65.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039758.D
Acq: 15 Jan 2024 16:19

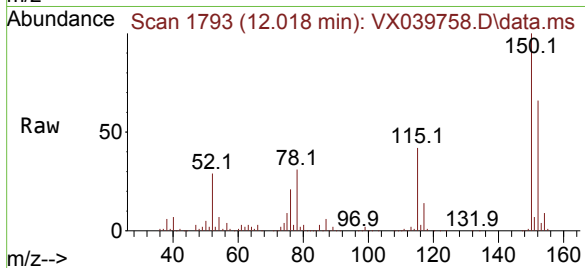
Tgt Ion: 117 Resp: 188789
Ion Ratio Lower Upper
117 100
82 59.4 46.2 69.4
119 32.3 25.5 38.3



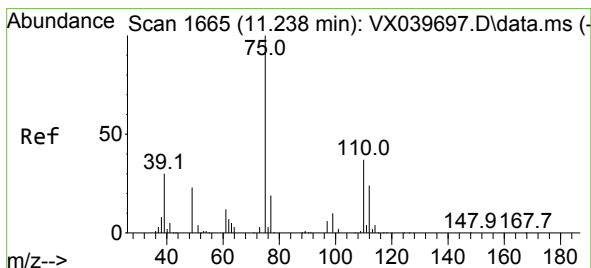
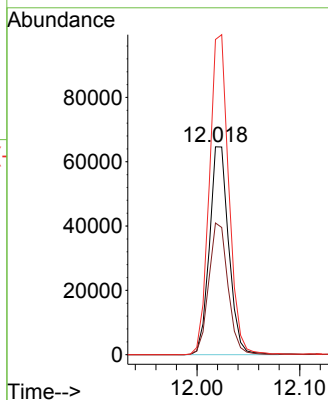
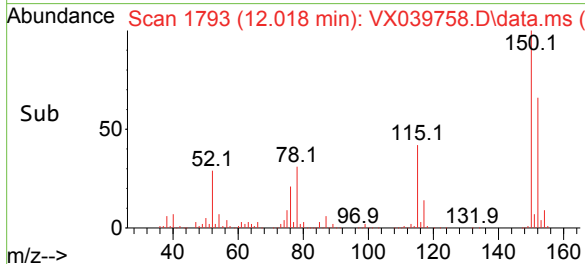


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039758.D
Acq: 15 Jan 2024 16:19

Instrument :
MSVOA_X
ClientSampleId :

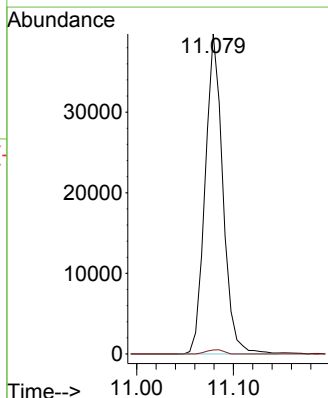
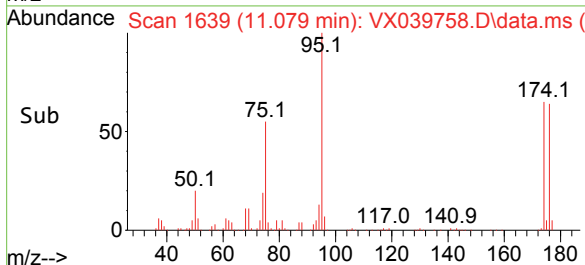
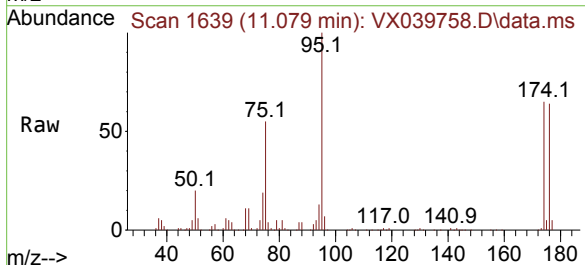


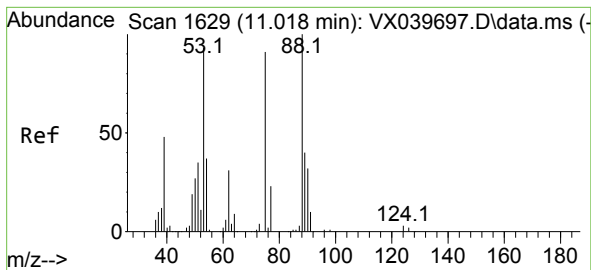
Tgt Ion:152 Resp: 84184
Ion Ratio Lower Upper
152 100
115 63.2 43.3 129.9
150 155.1 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 23.181 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX039758.D
Acq: 15 Jan 2024 16:19

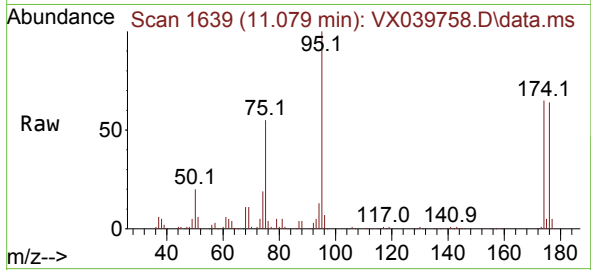
Tgt Ion: 75 Resp: 50593
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.879 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX039758.D
 Acq: 15 Jan 2024 16:19

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 50593
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

