

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011524\
 Data File : VX039757.D
 Acq On : 15 Jan 2024 15:56
 Operator : JC/MD
 Sample : P1145-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 16 01:42:28 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)

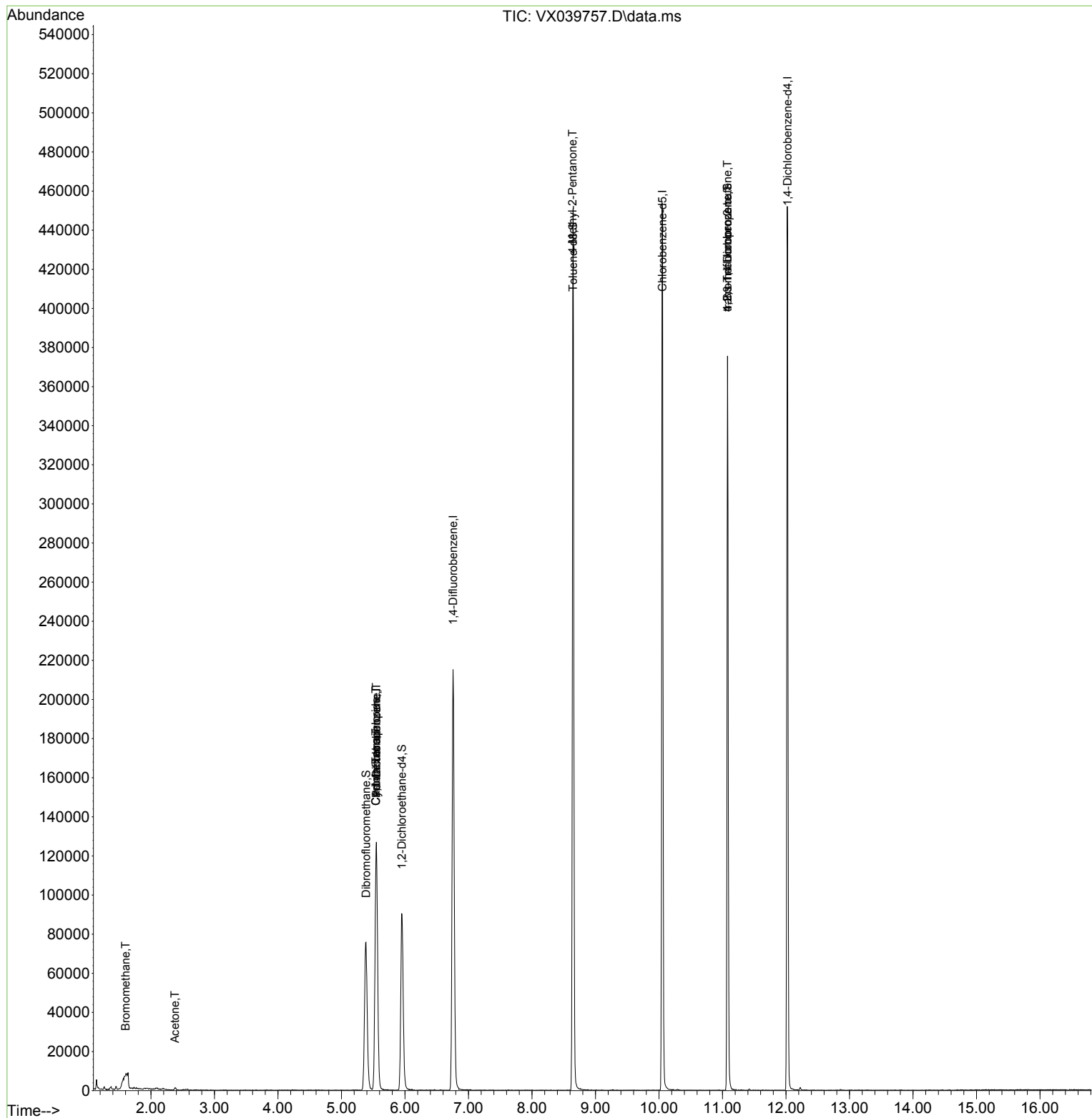
Internal Standards						
1) Pentafluorobenzene	5.550	168	113987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	211221	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86887	45.504	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.000%
35) Dibromofluoromethane	5.385	113	67266	47.282	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.560%
50) Toluene-d8	8.647	98	260435	48.537	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.080%
62) 4-Bromofluorobenzene	11.079	95	100831	48.055	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.120%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	196	0.216	ug/l	87
16) Acetone	2.380	43	1300	1.211	ug/l	94
31) Cyclohexane	5.544	56	3002	1.191	ug/l #	19
36) 1,1-Dichloropropene	5.550	75	10411	4.701	ug/l #	50
38) Carbon Tetrachloride	5.544	117	12269	6.049	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	1478	0.495	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	55220	23.990	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	55220	68.943	ug/l #	5

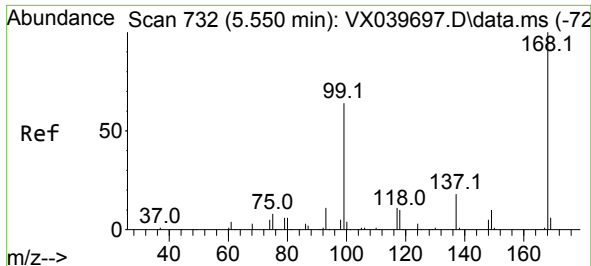
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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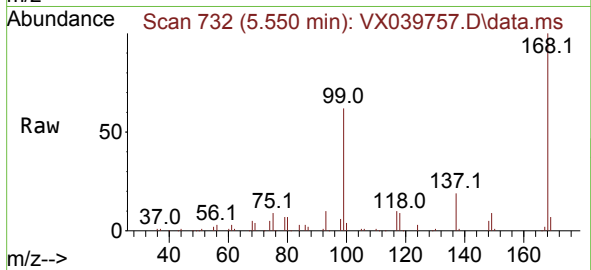


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039757.D
Acq: 15 Jan 2024 15:56

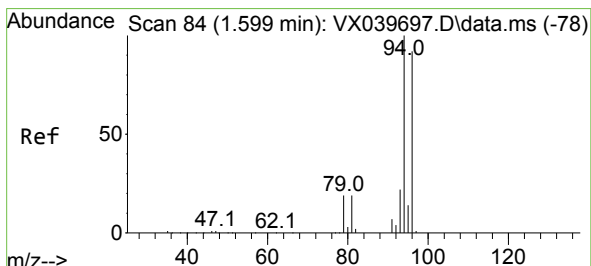
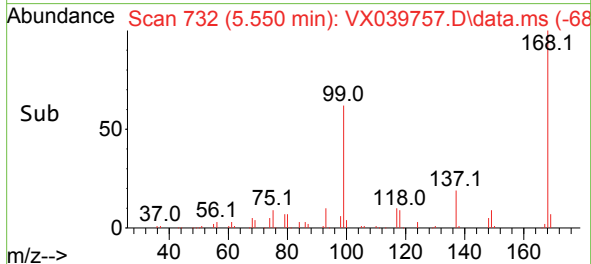
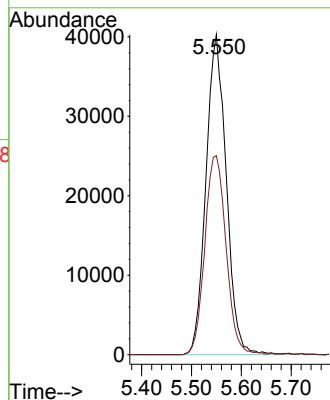
Instrument :

MSVOA_X

ClientSampleId :

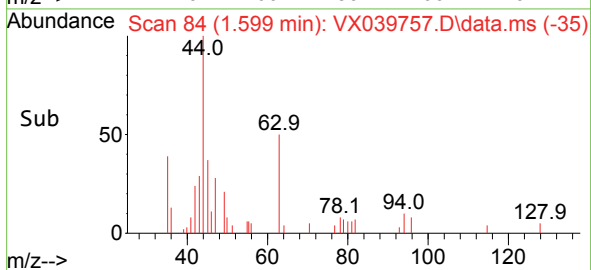
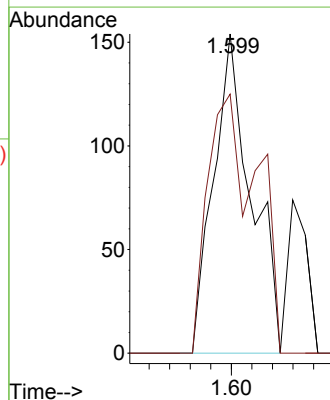
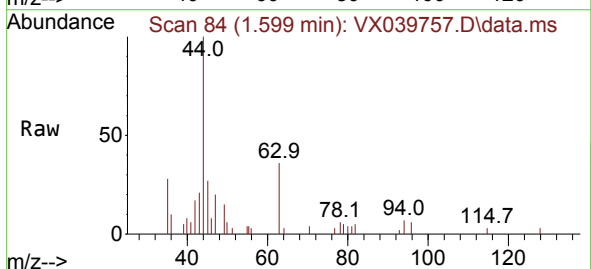


Tgt Ion:168 Resp: 113987
Ion Ratio Lower Upper
168 100
99 62.2 56.6 85.0



#5
Bromomethane
Concen: 0.216 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039757.D
Acq: 15 Jan 2024 15:56

Tgt Ion: 94 Resp: 196
Ion Ratio Lower Upper
94 100
96 81.2 74.6 111.8

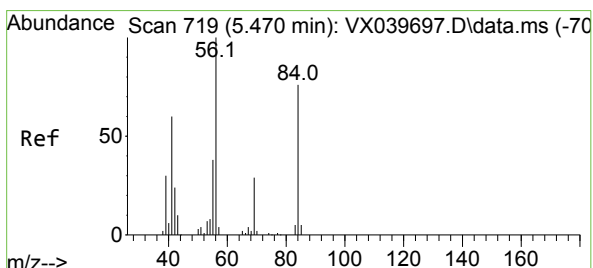
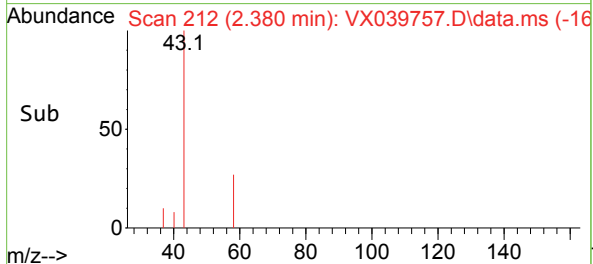
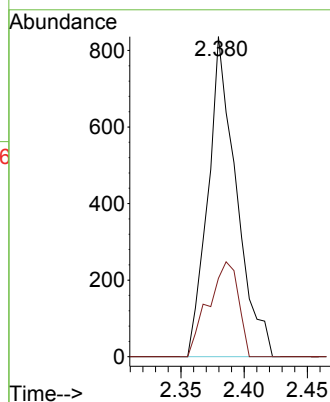
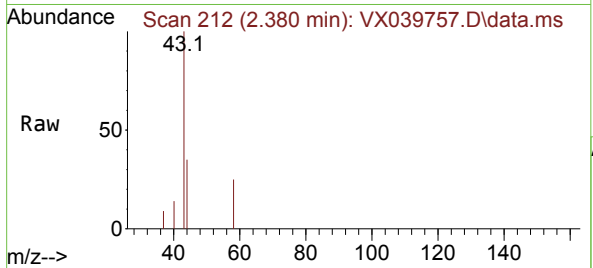




#16
Acetone
Concen: 1.211 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX039757.D
Acq: 15 Jan 2024 15:56

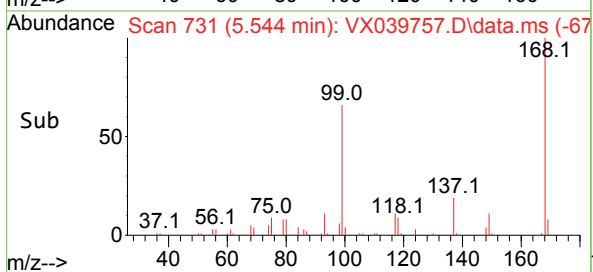
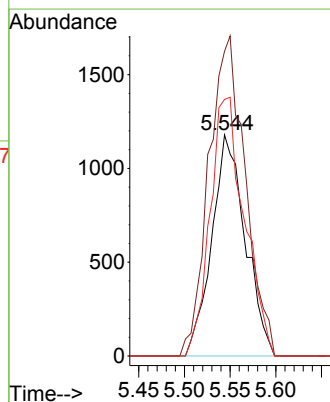
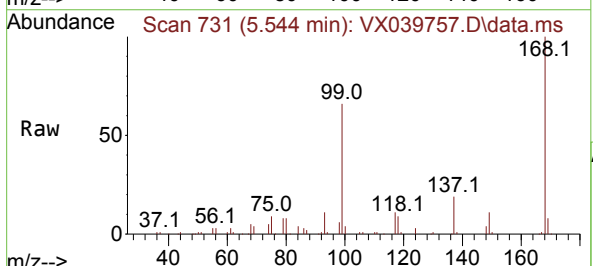
Instrument :
MSVOA_X
ClientSampleId :

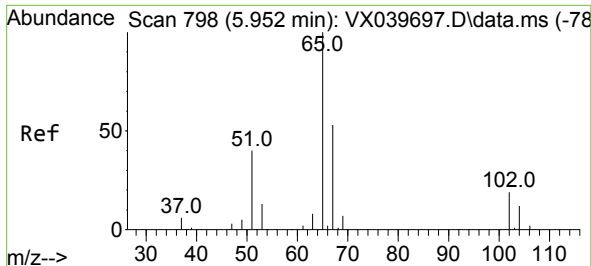
Tgt Ion: 43 Resp: 1300
Ion Ratio Lower Upper
43 100
58 24.5 21.9 32.9



#31
Cyclohexane
Concen: 1.191 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX039757.D
Acq: 15 Jan 2024 15:56

Tgt Ion: 56 Resp: 3002
Ion Ratio Lower Upper
56 100
69 137.7 23.4 35.2#
84 115.9 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.504 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039757.D

Acq: 15 Jan 2024 15:56

Instrument :

MSVOA_X

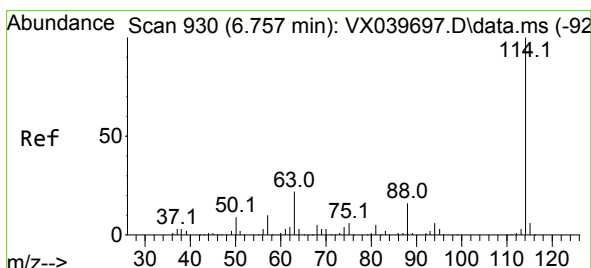
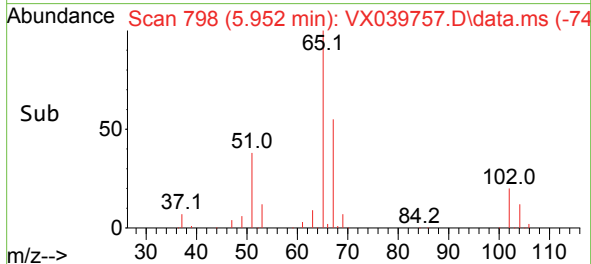
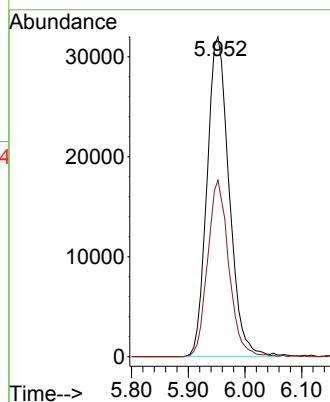
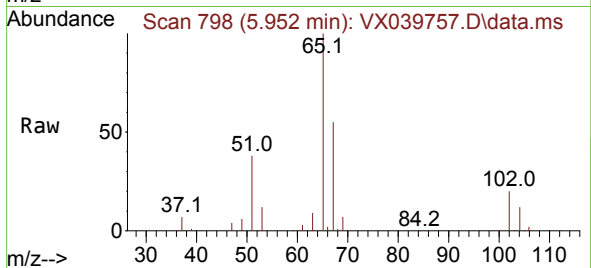
ClientSampleId :

Tgt Ion: 65 Resp: 86887

Ion Ratio Lower Upper

65 100

67 52.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX039757.D

Acq: 15 Jan 2024 15:56

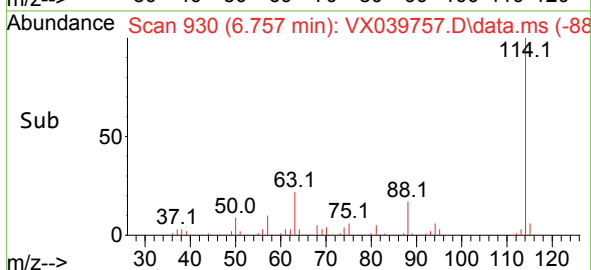
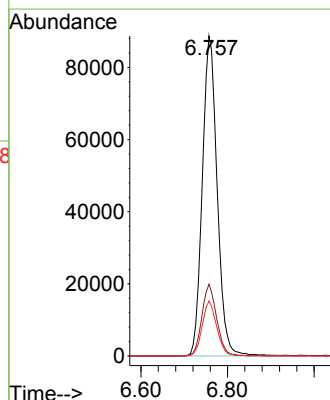
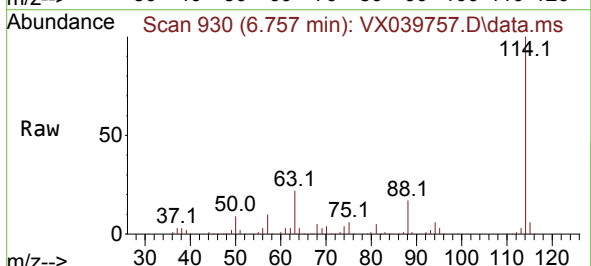
Tgt Ion: 114 Resp: 211221

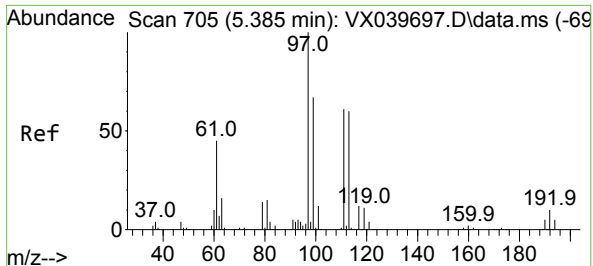
Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.0

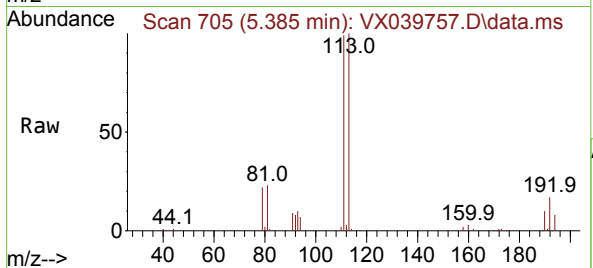
88 17.1 0.0 36.6



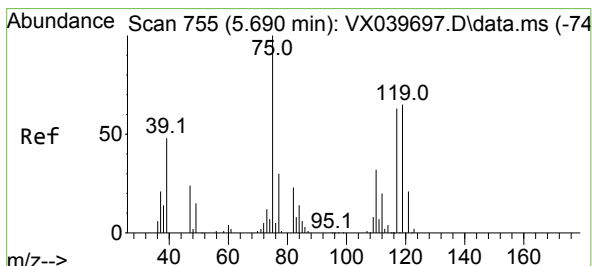
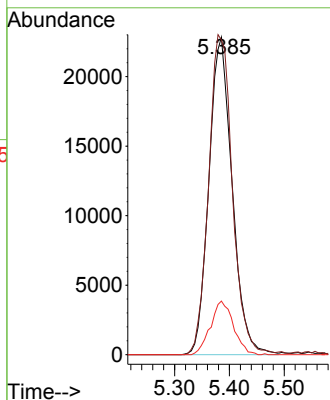
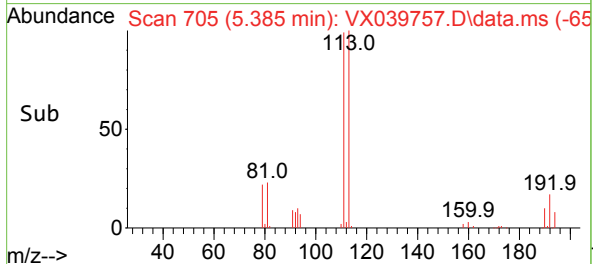


#35
Dibromofluoromethane
Concen: 47.282 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039757.D
Acq: 15 Jan 2024 15:56

Instrument :
MSVOA_X
ClientSampleId :

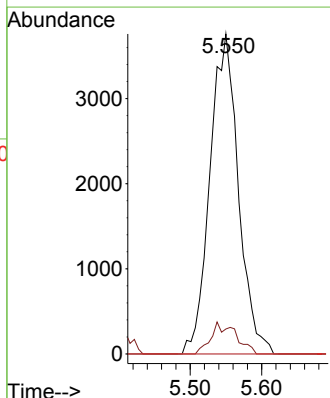
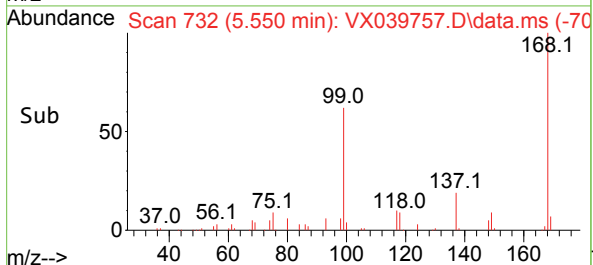
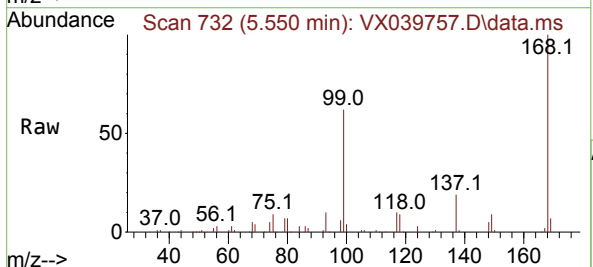


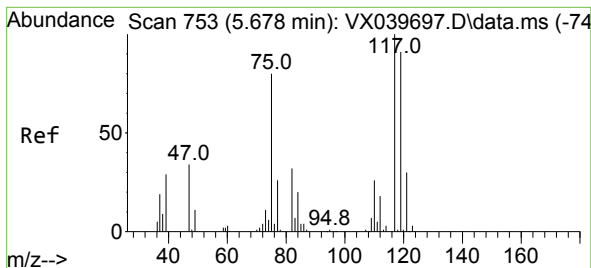
Tgt Ion:113 Resp: 67266
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 16.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.701 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039757.D
Acq: 15 Jan 2024 15:56

Tgt Ion: 75 Resp: 10411
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.049 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.134 min

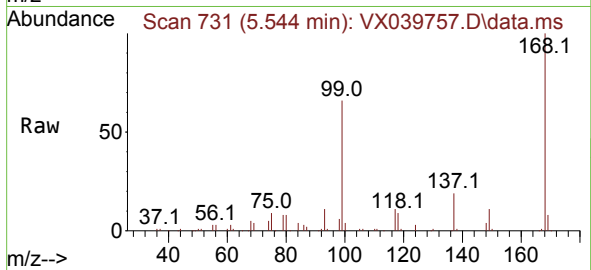
Lab File: VX039757.D

Acq: 15 Jan 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :



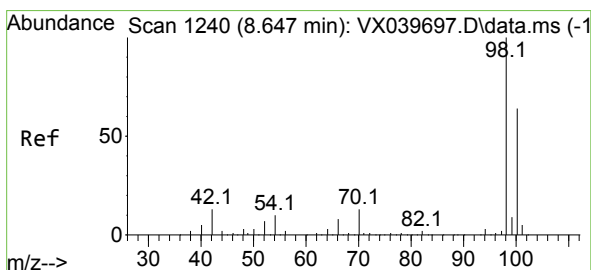
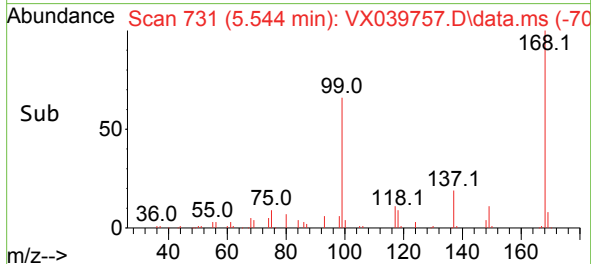
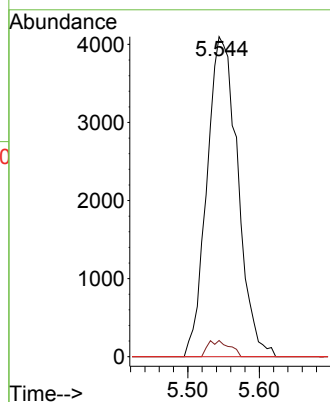
Tgt Ion:117 Resp: 12269

Ion Ratio Lower Upper

117 100

119 5.1 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 48.537 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039757.D

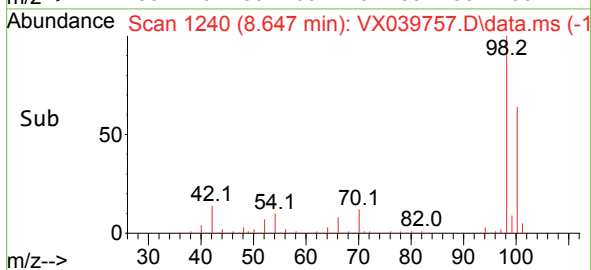
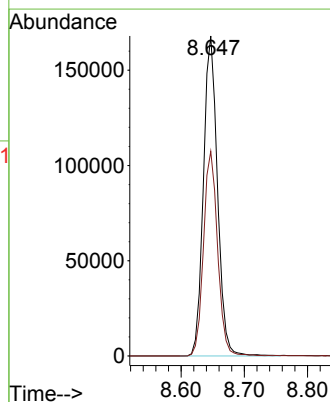
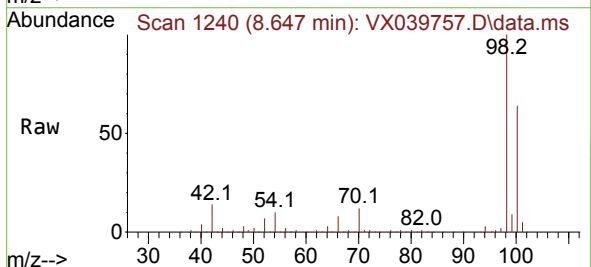
Acq: 15 Jan 2024 15:56

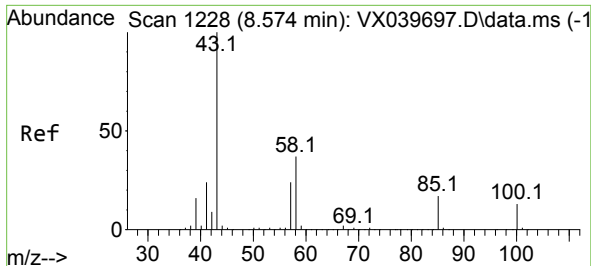
Tgt Ion: 98 Resp: 260435

Ion Ratio Lower Upper

98 100

100 64.0 53.1 79.7

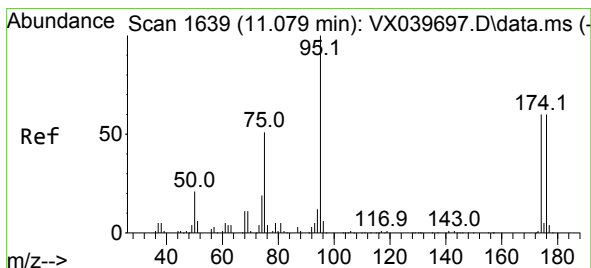
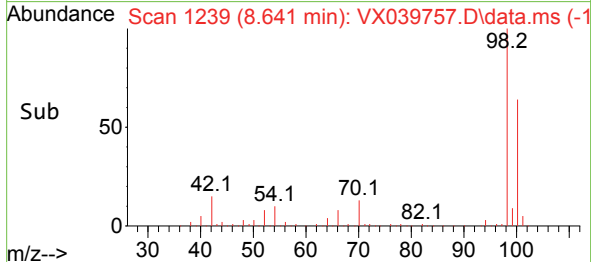
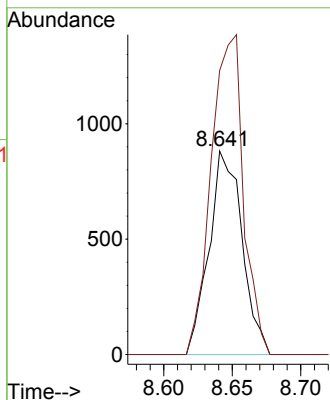
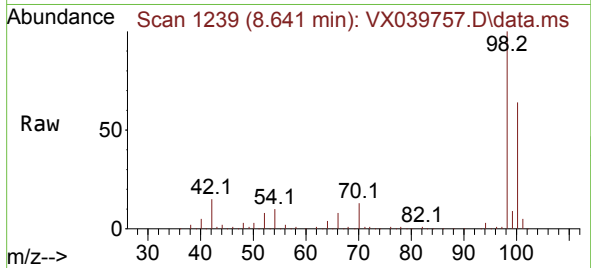




#51
4-Methyl-2-Pentanone
Concen: 0.495 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX039757.D
Acq: 15 Jan 2024 15:56

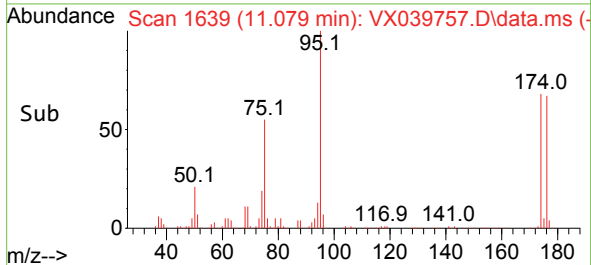
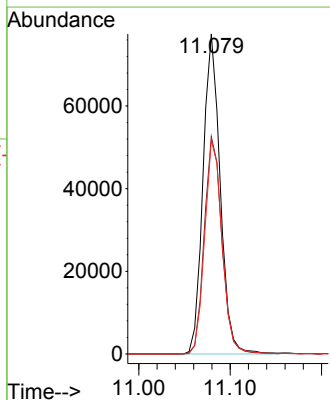
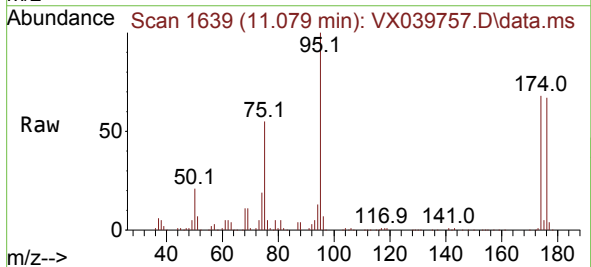
Instrument :
MSVOA_X
ClientSampleId :

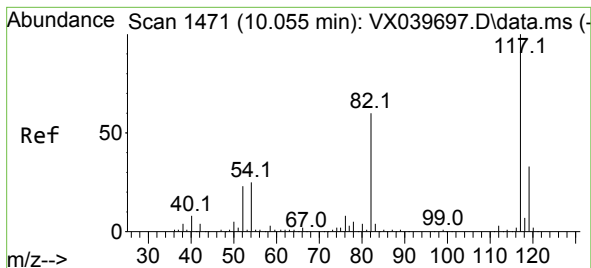
Tgt Ion: 43 Resp: 1478
Ion Ratio Lower Upper
43 100
58 154.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 48.055 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039757.D
Acq: 15 Jan 2024 15:56

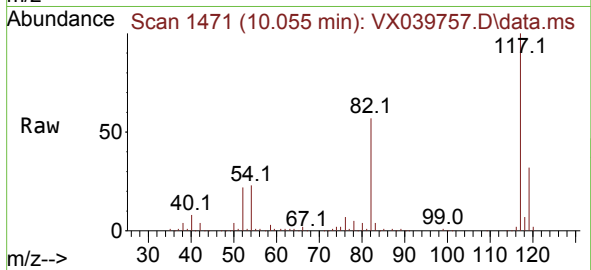
Tgt Ion: 95 Resp: 100831
Ion Ratio Lower Upper
95 100
174 69.7 0.0 135.6
176 67.5 0.0 131.0



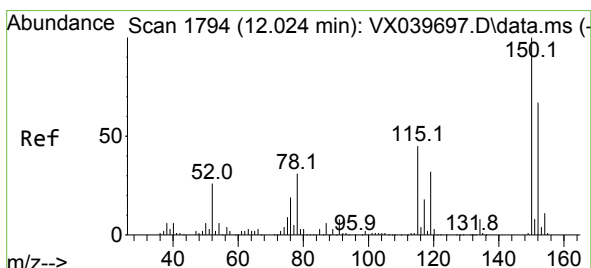
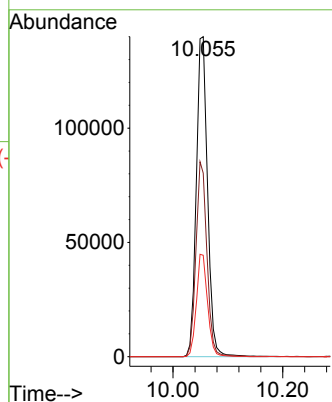
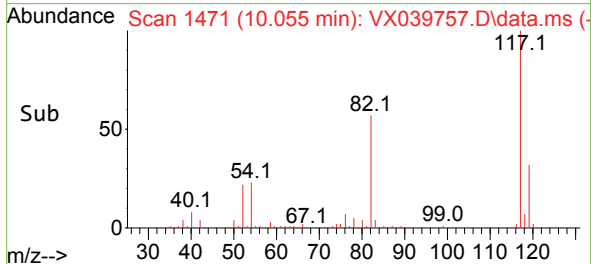


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039757.D
Acq: 15 Jan 2024 15:56

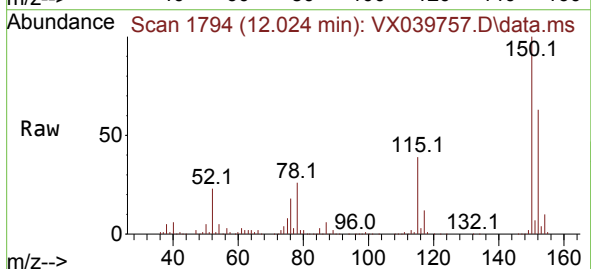
Instrument :
MSVOA_X
ClientSampleId :



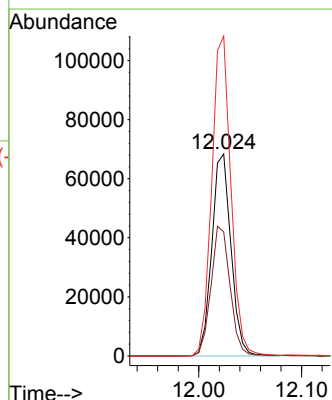
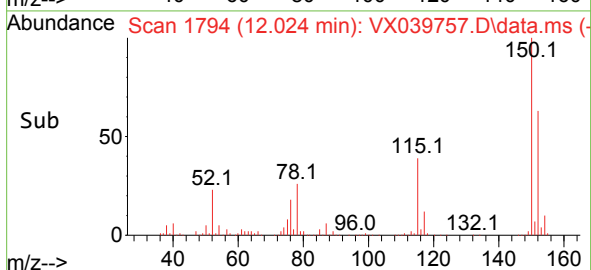
Tgt Ion:117 Resp: 200744
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 31.7 25.5 38.3

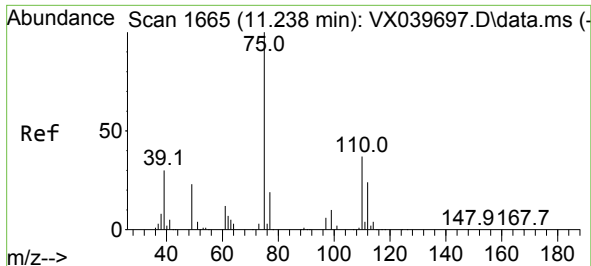


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX039757.D
Acq: 15 Jan 2024 15:56



Tgt Ion:152 Resp: 88783
Ion Ratio Lower Upper
152 100
115 64.2 43.3 129.9
150 157.9 0.0 345.0

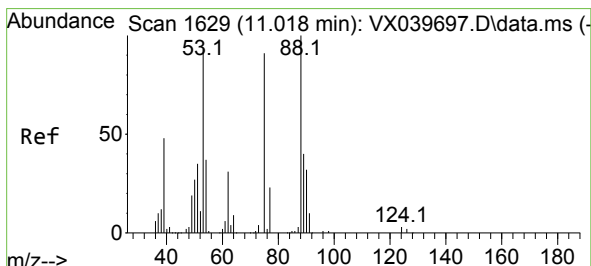
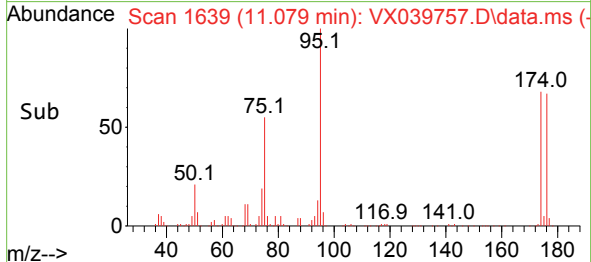
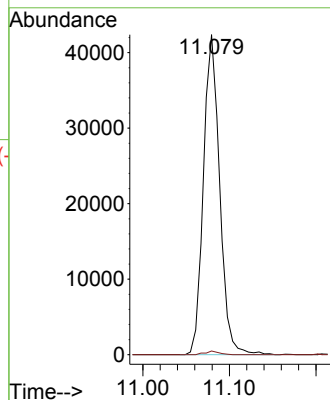
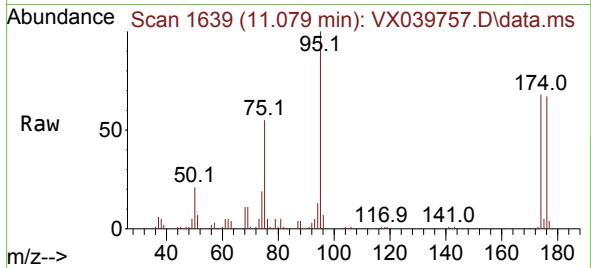




#76
1,2,3-Trichloropropane
Concen: 23.990 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX039757.D
Acq: 15 Jan 2024 15:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 55220
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.943 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039757.D
Acq: 15 Jan 2024 15:56

Tgt Ion: 75 Resp: 55220
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

