

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011824\
 Data File : VX039807.D
 Acq On : 18 Jan 2024 10:49
 Operator : JC/MD
 Sample : VX0118WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 19 00:36:02 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)

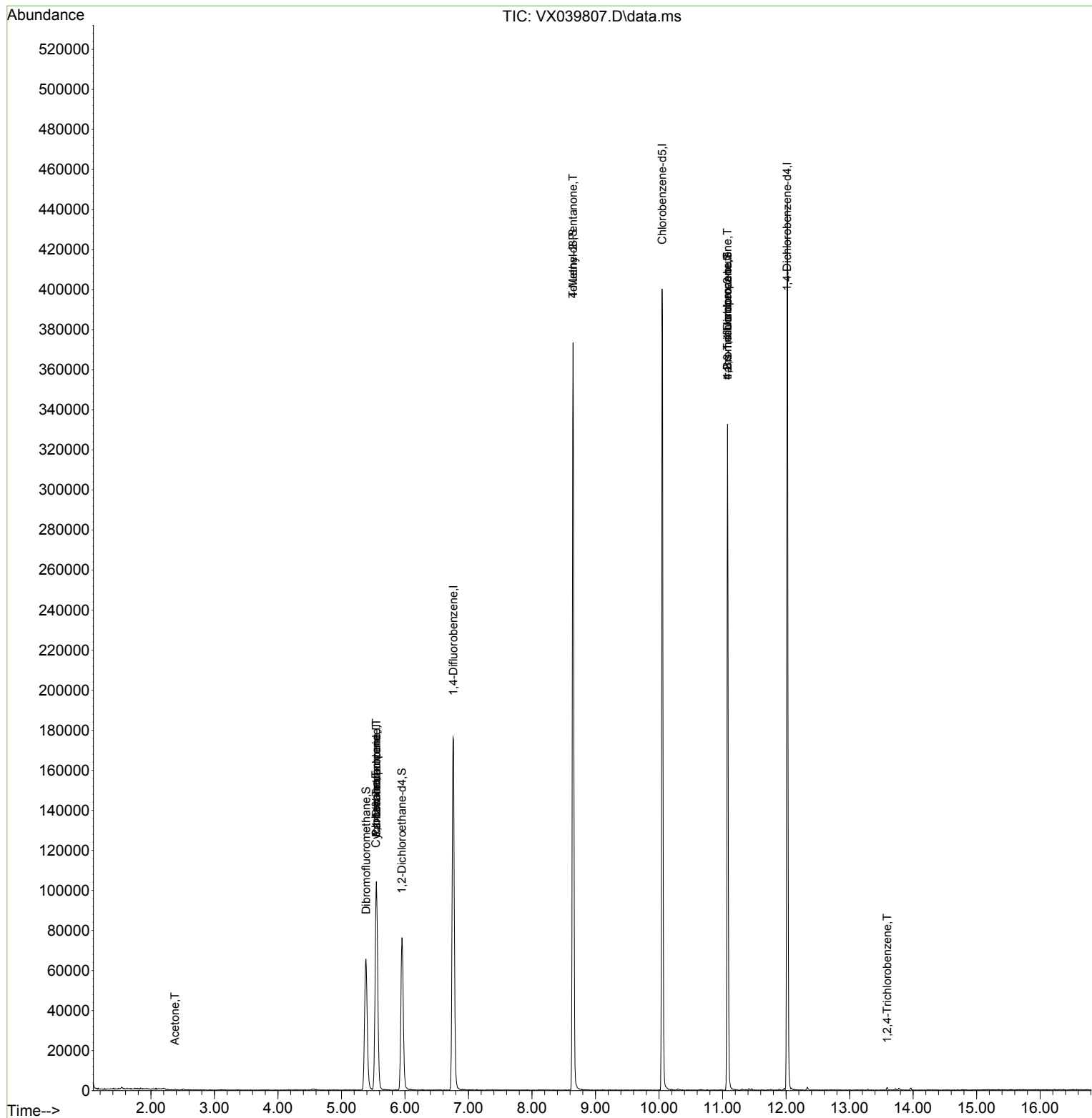
Internal Standards						
1) Pentafluorobenzene	5.550	168	91885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	175474	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	171852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	84883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73128	47.510	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.020%
35) Dibromofluoromethane	5.385	113	56883	48.129	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.260%
50) Toluene-d8	8.647	98	217886	48.880	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.760%
62) 4-Bromofluorobenzene	11.079	95	88040	50.507	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.020%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	224	0.259	ug/l #	47
31) Cyclohexane	5.544	56	2676	1.317	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8840	4.805	ug/l #	49
38) Carbon Tetrachloride	5.550	117	9991	5.930	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1091	0.440	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47928	21.779	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	47928	63.274	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	447	0.257	ug/l	92

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

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MSVOA_X
ClientSampleId :

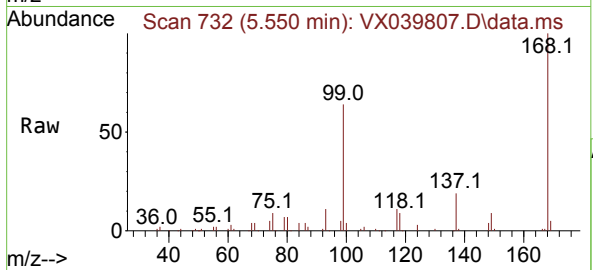
Quant Time: Jan 19 00:36:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration



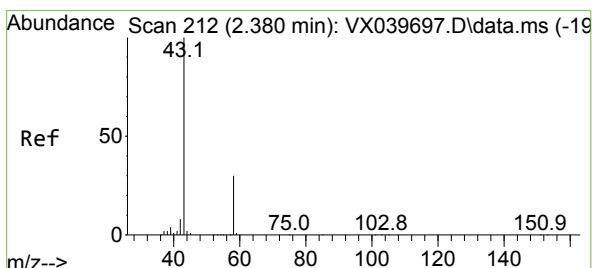
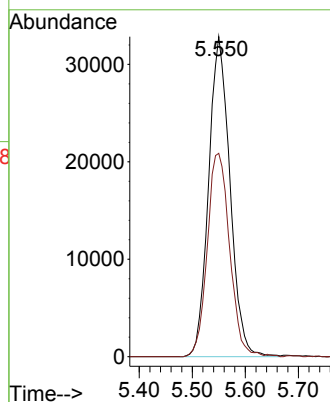
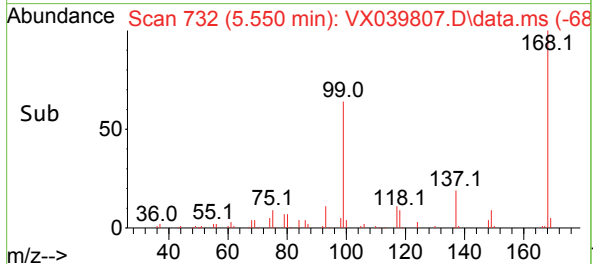


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039807.D
Acq: 18 Jan 2024 10:49

Instrument :
MSVOA_X
ClientSampleId :

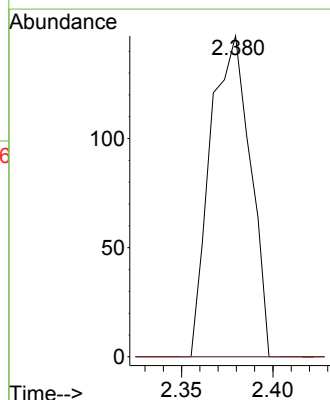
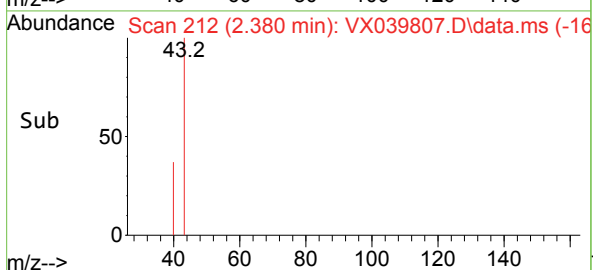
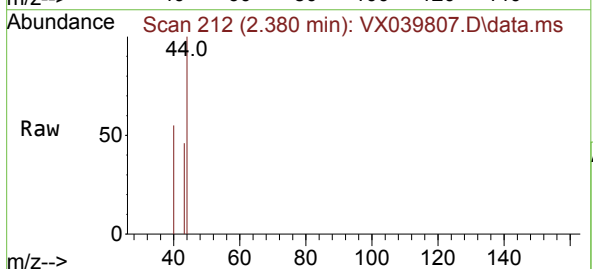


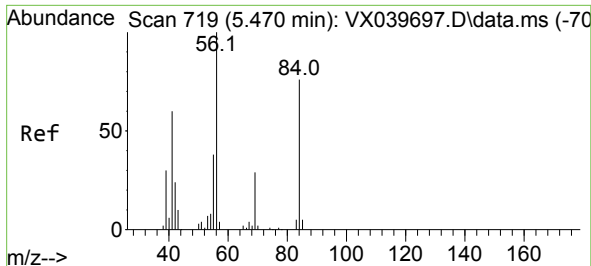
Tgt Ion:168 Resp: 91885
Ion Ratio Lower Upper
168 100
99 63.6 56.6 85.0



#16
Acetone
Concen: 0.259 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX039807.D
Acq: 18 Jan 2024 10:49

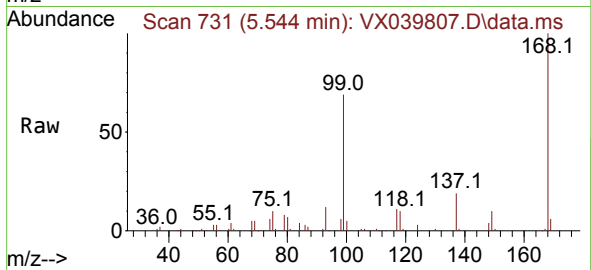
Tgt Ion: 43 Resp: 224
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



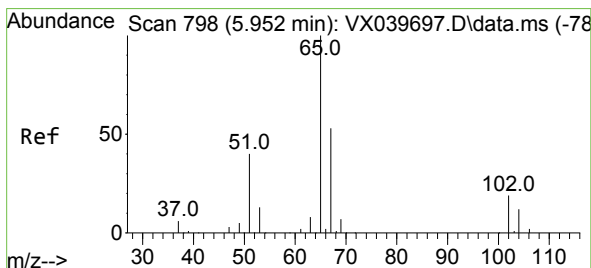
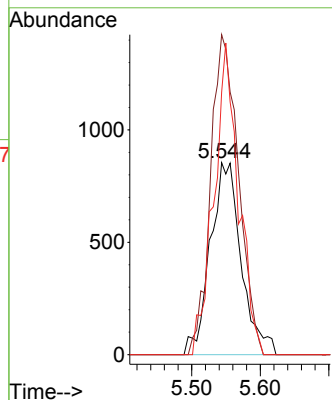
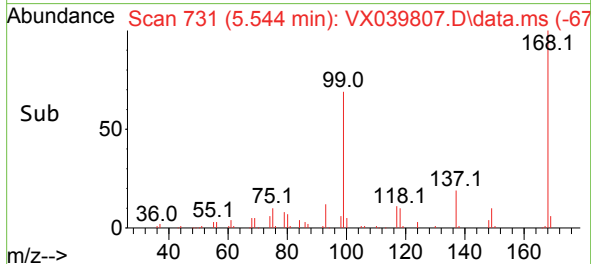


#31
Cyclohexane
Concen: 1.317 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX039807.D
Acq: 18 Jan 2024 10:49

Instrument :
MSVOA_X
ClientSampleId :

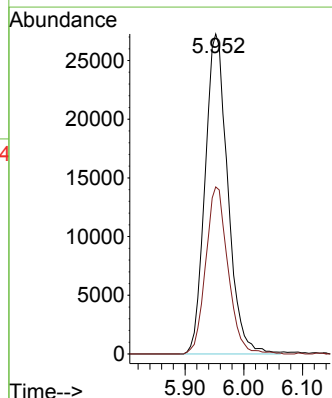
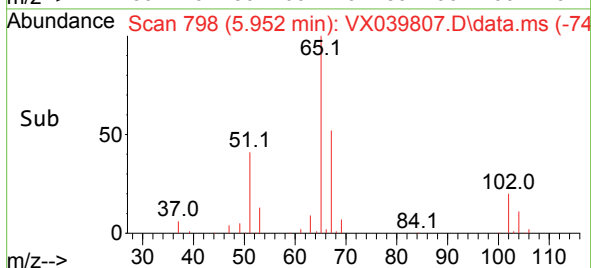
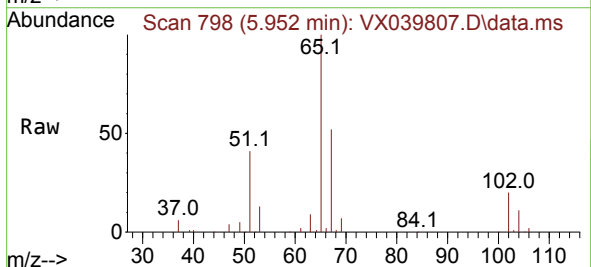


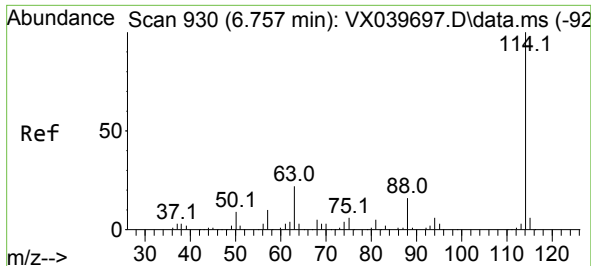
Tgt Ion: 56 Resp: 2676
Ion Ratio Lower Upper
56 100
69 166.7 23.4 35.2#
84 136.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.510 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039807.D
Acq: 18 Jan 2024 10:49

Tgt Ion: 65 Resp: 73128
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

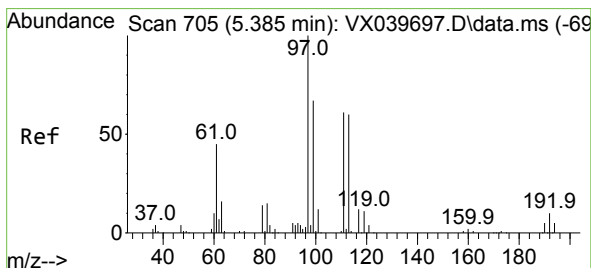
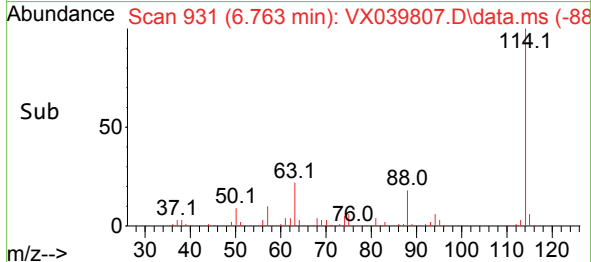
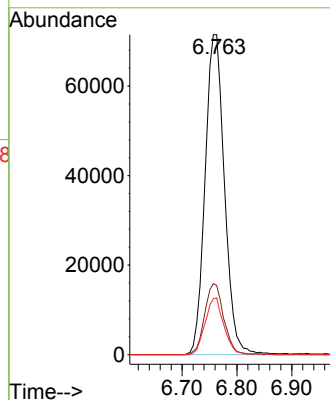
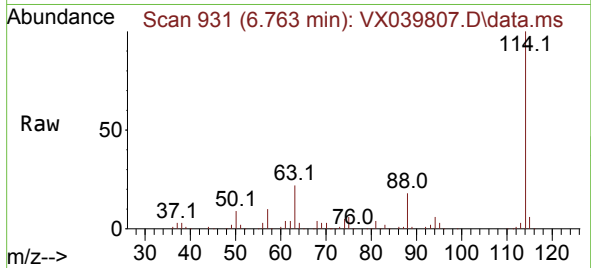




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX039807.D
Acq: 18 Jan 2024 10:49

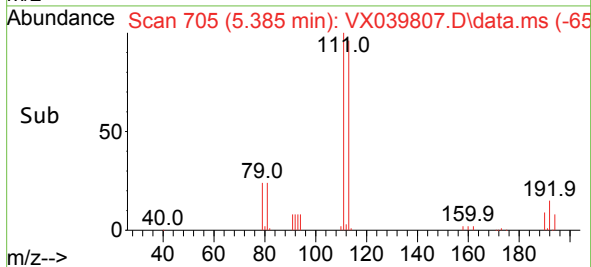
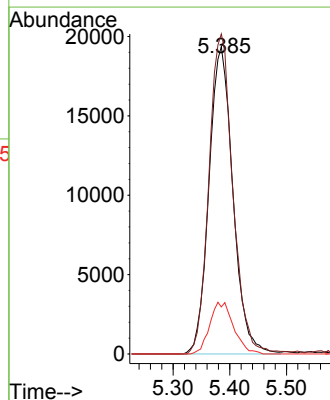
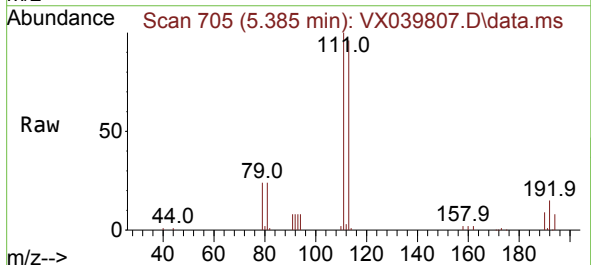
Instrument :
MSVOA_X
ClientSampleId :

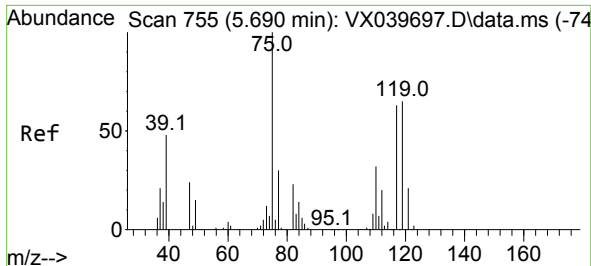
Tgt Ion:114 Resp: 175474
Ion Ratio Lower Upper
114 100
63 21.7 0.0 45.0
88 17.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.129 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039807.D
Acq: 18 Jan 2024 10:49

Tgt Ion:113 Resp: 56883
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 16.8 13.3 19.9

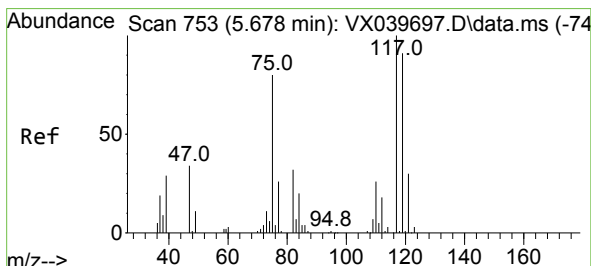
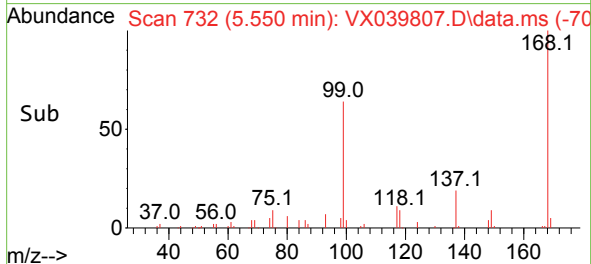
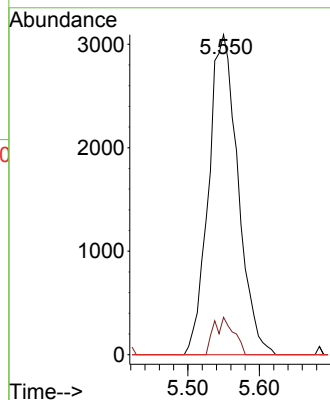
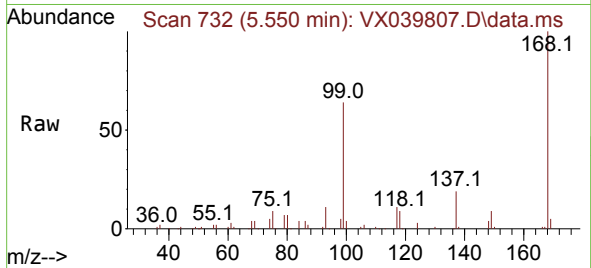




#36
1,1-Dichloropropene
Concen: 4.805 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX039807.D
Acq: 18 Jan 2024 10:49

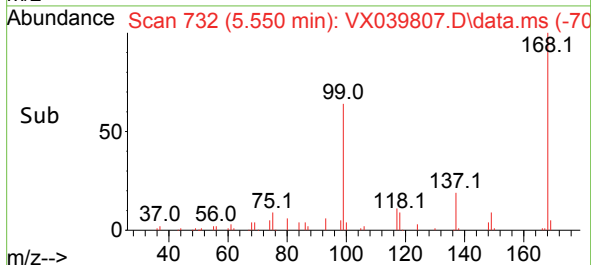
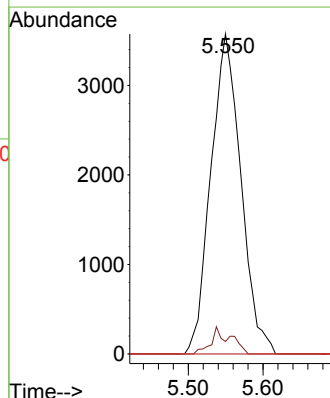
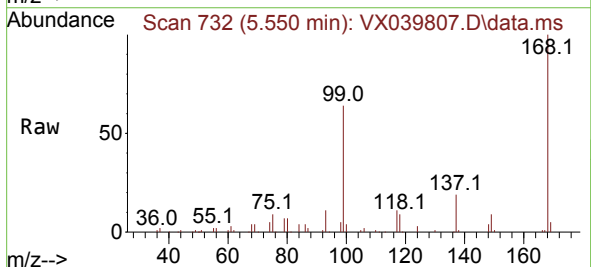
Instrument :
MSVOA_X
ClientSampleId :

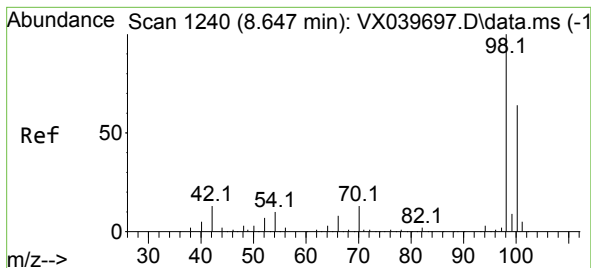
Tgt Ion: 75 Resp: 8840
Ion Ratio Lower Upper
75 100
110 7.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.930 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039807.D
Acq: 18 Jan 2024 10:49

Tgt Ion: 117 Resp: 9991
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 48.880 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX039807.D

Acq: 18 Jan 2024 10:49

Instrument :

MSVOA_X

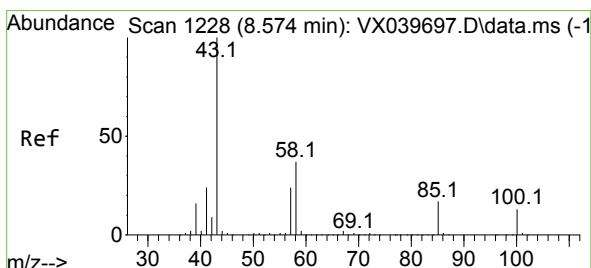
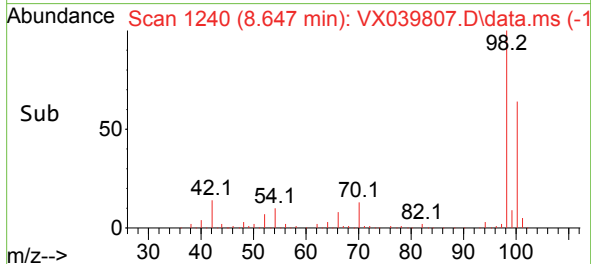
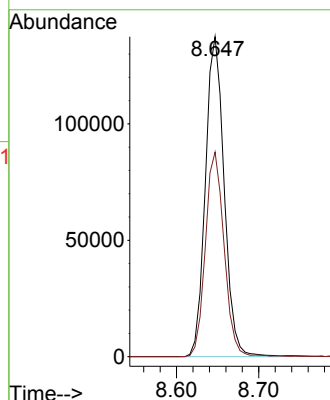
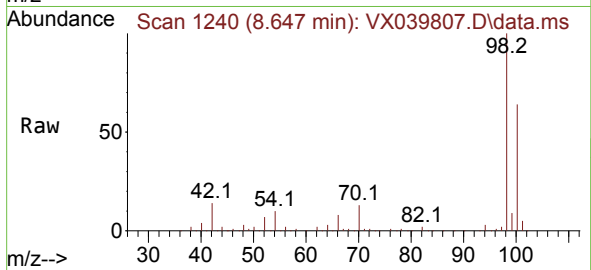
ClientSampleId :

Tgt Ion: 98 Resp: 217886

Ion Ratio Lower Upper

98 100

100 64.1 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.440 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX039807.D

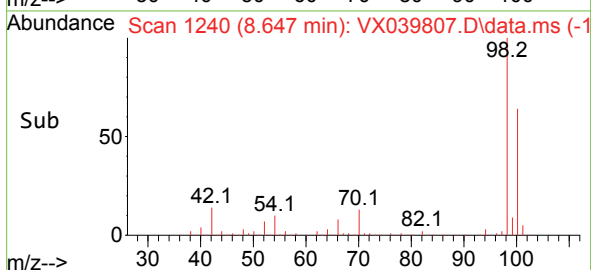
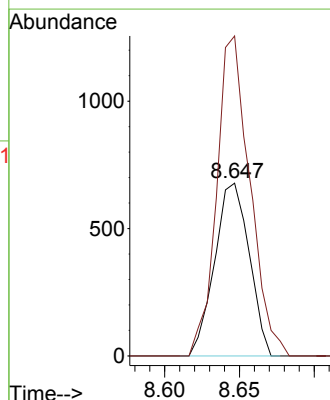
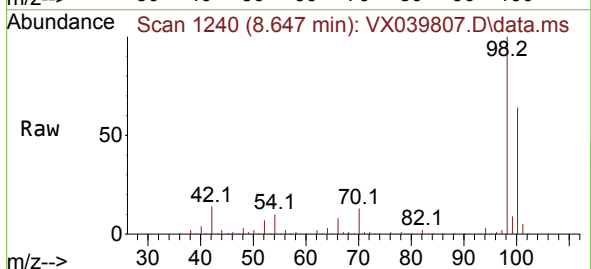
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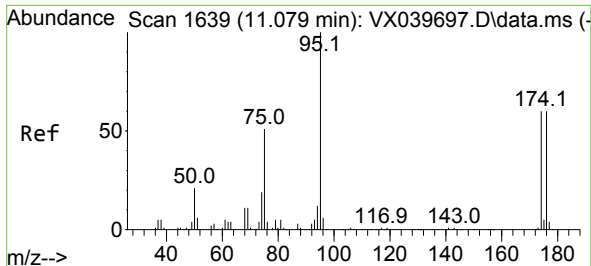
Tgt Ion: 43 Resp: 1091

Ion Ratio Lower Upper

43 100

58 177.8 30.4 45.6#





#62

4-Bromofluorobenzene

Concen: 50.507 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039807.D

Acq: 18 Jan 2024 10:49

Instrument :

MSVOA_X

ClientSampleId :

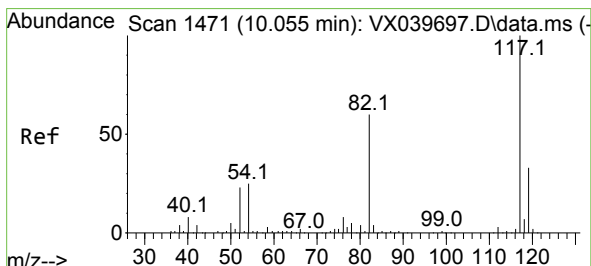
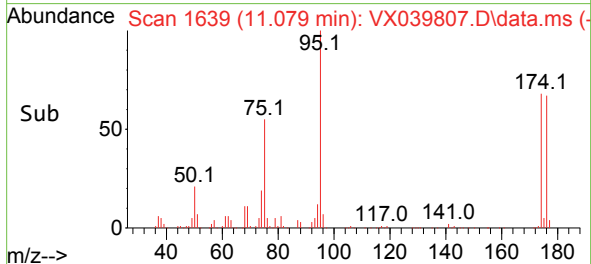
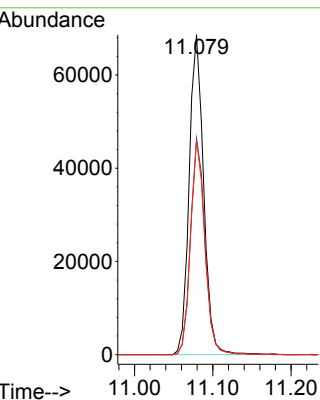
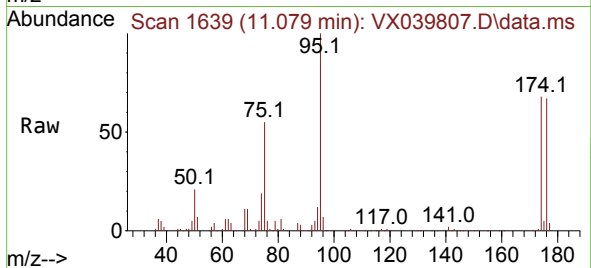
Tgt Ion: 95 Resp: 88040

Ion Ratio Lower Upper

95 100

174 67.6 0.0 135.6

176 65.7 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.006 min

Lab File: VX039807.D

Acq: 18 Jan 2024 10:49

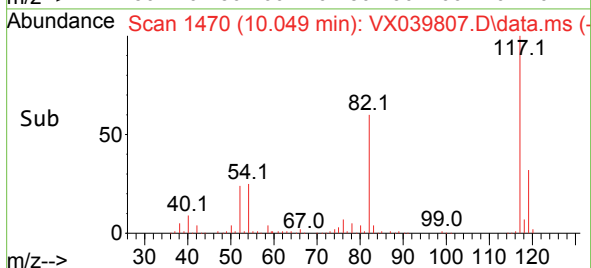
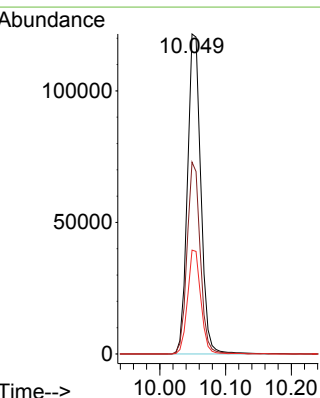
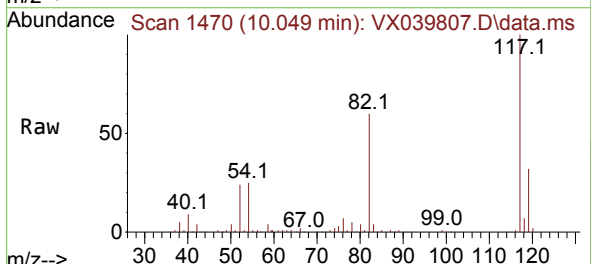
Tgt Ion: 117 Resp: 171852

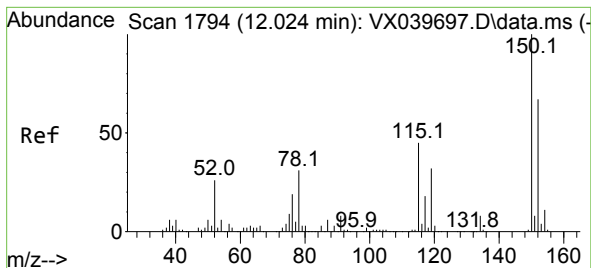
Ion Ratio Lower Upper

117 100

82 60.0 46.2 69.4

119 32.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039807.D

Acq: 18 Jan 2024 10:49

Instrument :

MSVOA_X

ClientSampleId :

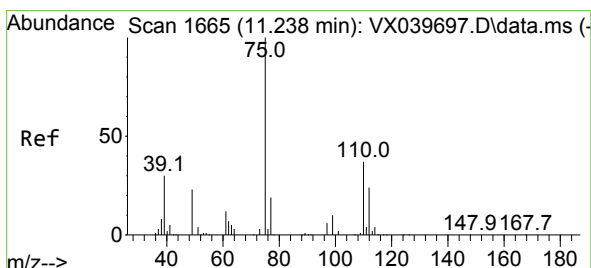
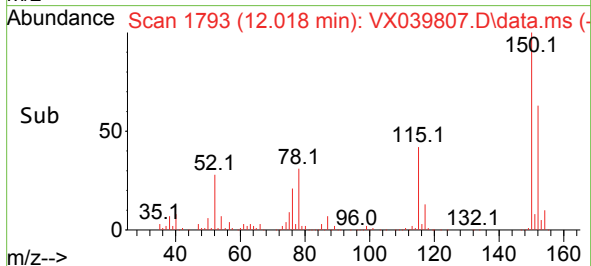
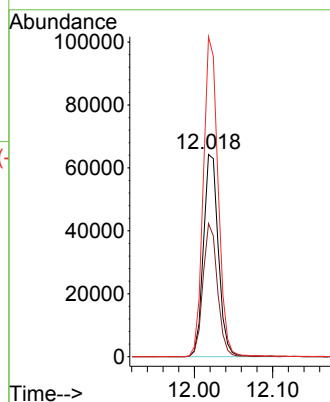
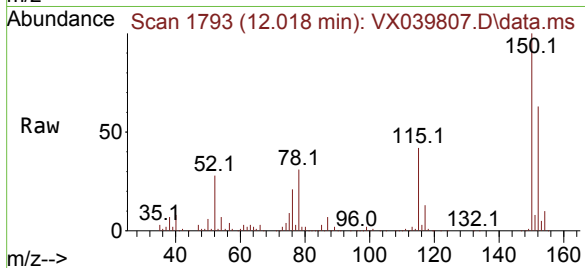
Tgt Ion:152 Resp: 84883

Ion Ratio Lower Upper

152 100

115 64.0 43.3 129.9

150 156.9 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.779 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039807.D

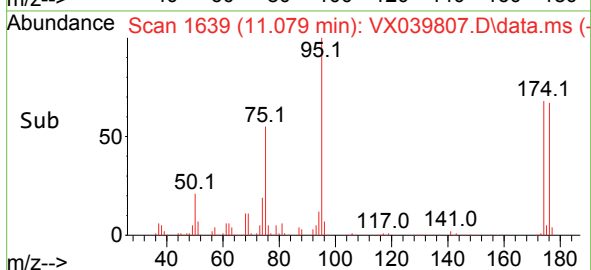
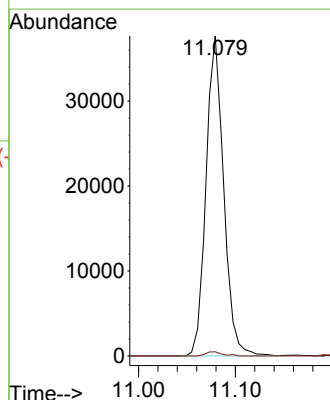
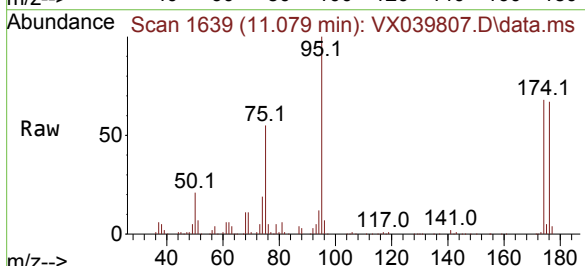
Acq: 18 Jan 2024 10:49

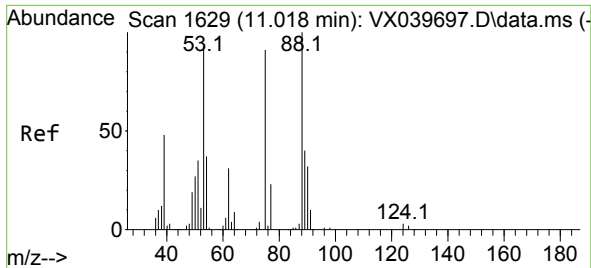
Tgt Ion: 75 Resp: 47928

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

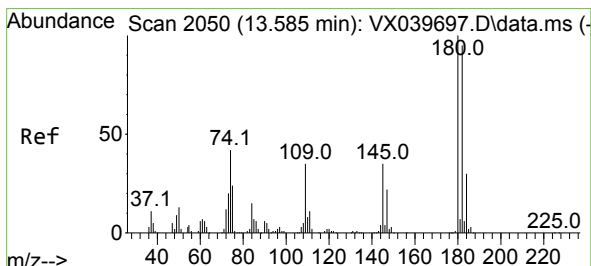
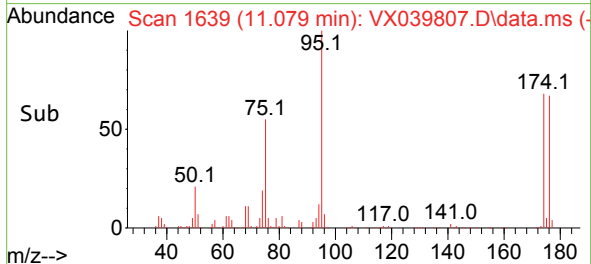
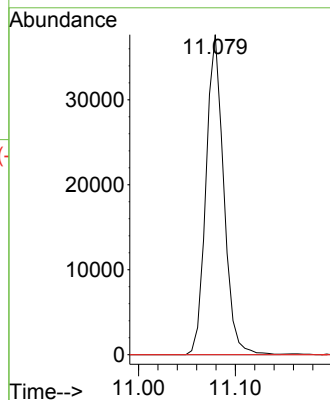
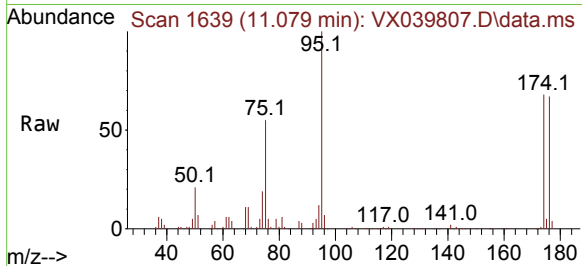




#81
trans-1,4-Dichloro-2-butene
Concen: 63.274 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039807.D
Acq: 18 Jan 2024 10:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 47928
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: 0.257 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX039807.D
Acq: 18 Jan 2024 10:49

Tgt Ion:180 Resp: 447
Ion Ratio Lower Upper
180 100
182 103.6 48.3 144.8
145 31.1 18.0 54.0

