

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012424\
 Data File : VX039935.D
 Acq On : 24 Jan 2024 14:37
 Operator : JC/MD
 Sample : P1237-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-2-SUMOGW

Quant Time: Jan 25 01:39:08 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)

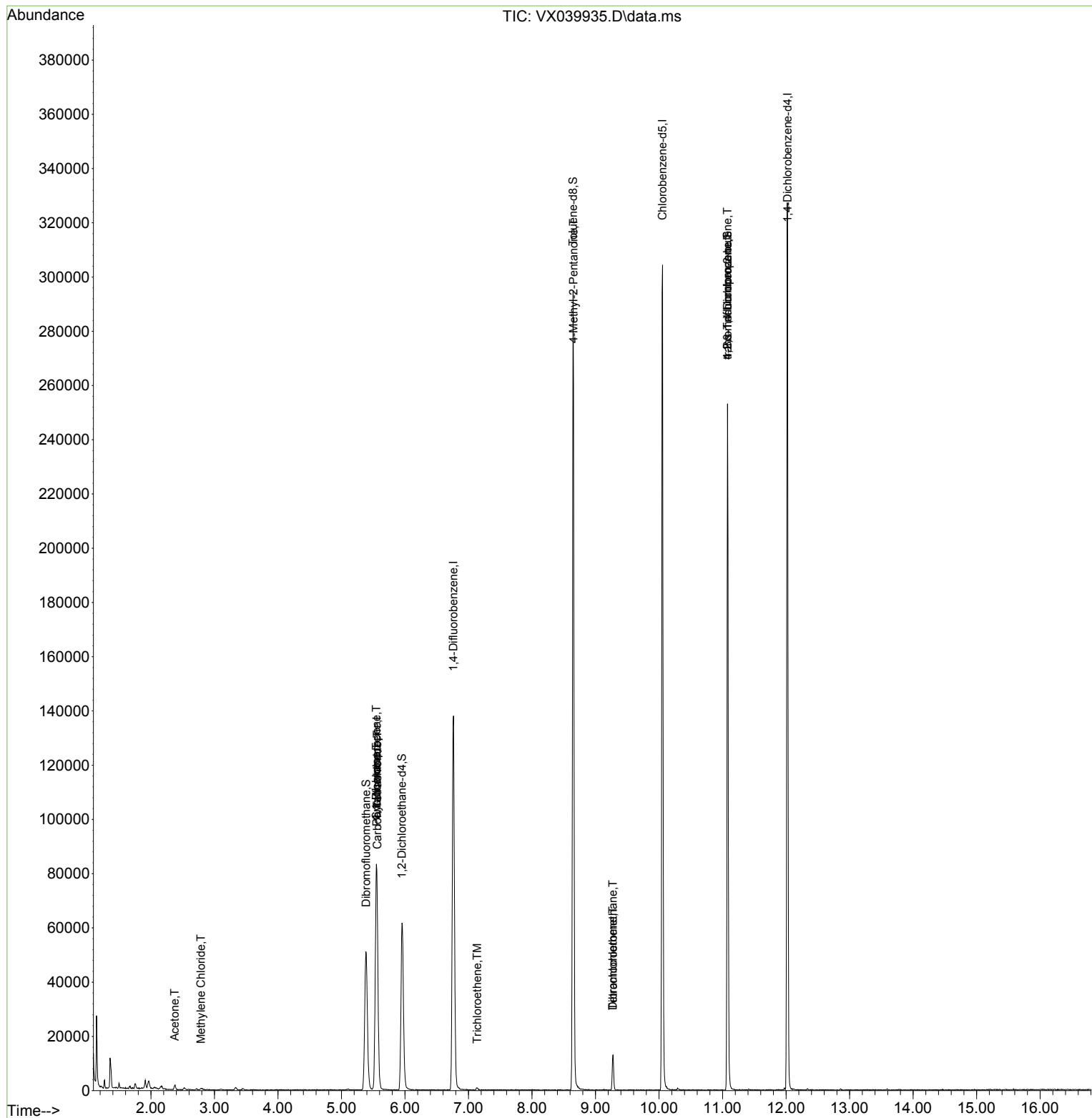
Internal Standards						
1) Pentafluorobenzene	5.556	168	73173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	134359	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129586	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61543	50.208	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.420%	
35) Dibromofluoromethane	5.385	113	44427	49.092	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.180%	
50) Toluene-d8	8.647	98	166881	48.894	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.780%	
62) 4-Bromofluorobenzene	11.079	95	67090	50.266	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.540%	
Target Compounds						
					Qvalue	
13) Acrolein	2.227	56	19	Below Cal	#	1
16) Acetone	2.373	43	1756	2.547	ug/l	94
20) Methylene Chloride	2.788	84	316	0.303	ug/l #	78
31) Cyclohexane	5.550	56	2317	1.432	ug/l #	11
36) 1,1-Dichloropropene	5.550	75	6728	4.776	ug/l #	51
38) Carbon Tetrachloride	5.562	117	8389	6.502	ug/l #	13
44) Trichloroethene	7.135	130	380	0.389	ug/l	79
51) 4-Methyl-2-Pentanone	8.653	43	956	0.504	ug/l #	1
60) Dibromochloromethane	9.275	129	2227	2.328	ug/l #	11
64) Tetrachloroethene	9.275	164	2285	2.712	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	38001	23.226	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	38001	66.995	ug/l #	5

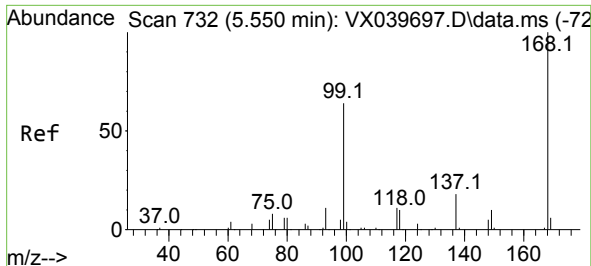
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 25 01:39:08 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

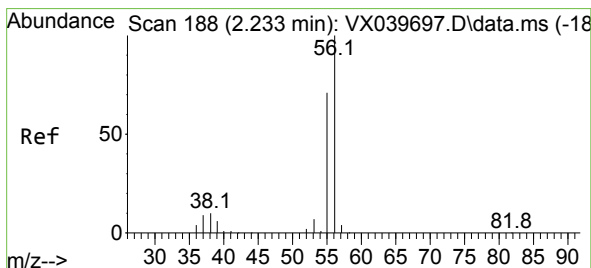
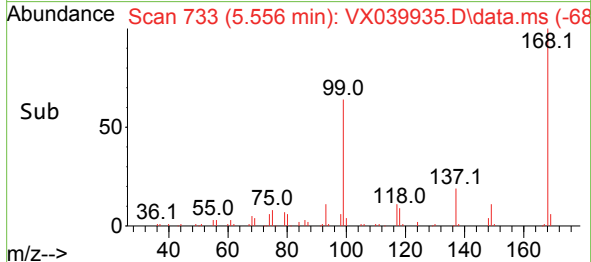
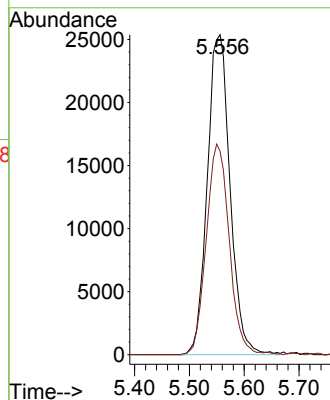
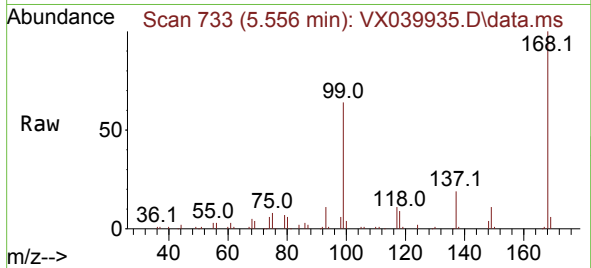




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039935.D
Acq: 24 Jan 2024 14:37

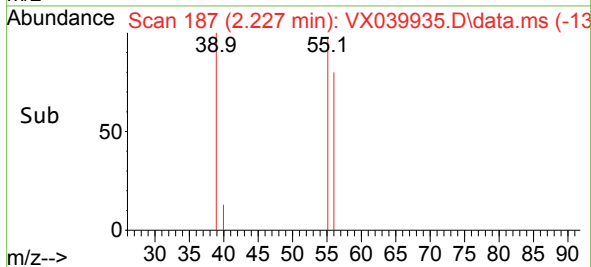
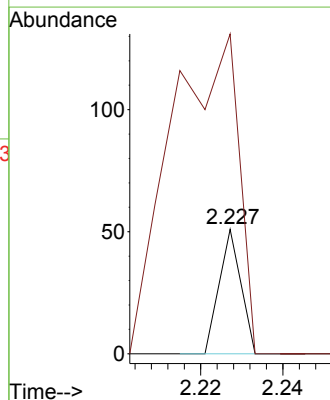
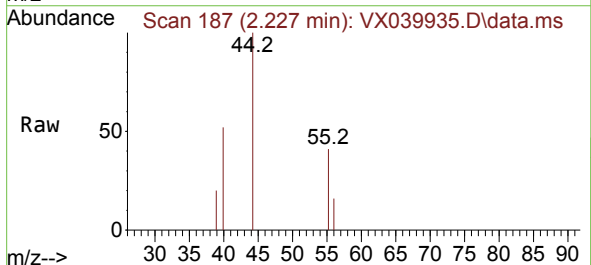
Instrument :
MSVOA_X
ClientSampleId :
DUP-2-SUMOGW

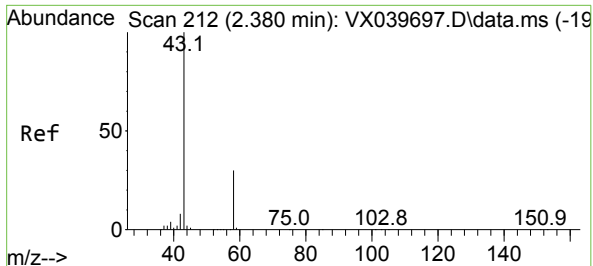
Tgt Ion:168 Resp: 73173
Ion Ratio Lower Upper
168 100
99 63.5 56.6 85.0



#13
Acrolein
Concen: Below Cal
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX039935.D
Acq: 24 Jan 2024 14:37

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 784.2 57.1 85.7#

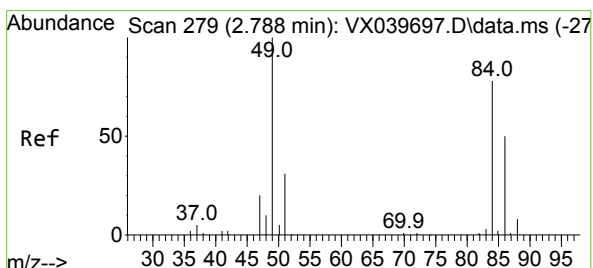
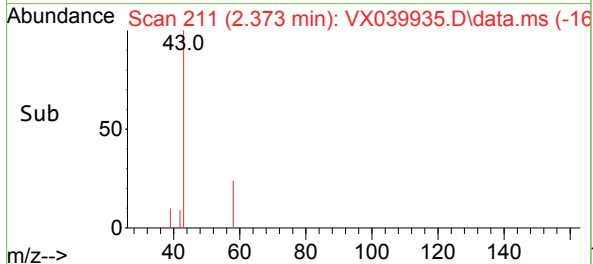
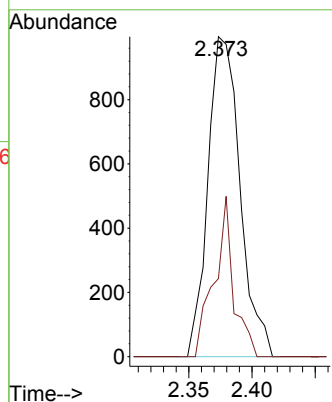
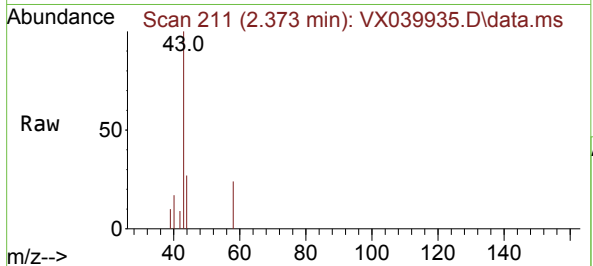




#16
Acetone
Concen: 2.547 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039935.D
Acq: 24 Jan 2024 14:37

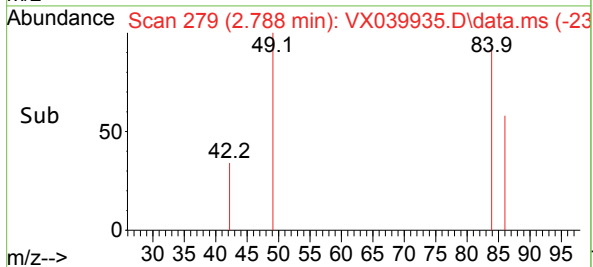
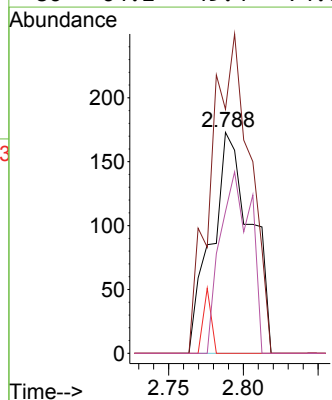
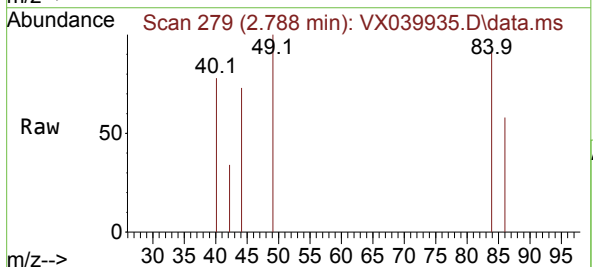
Instrument :
MSVOA_X
ClientSampleId :
DUP-2-SUMOGW

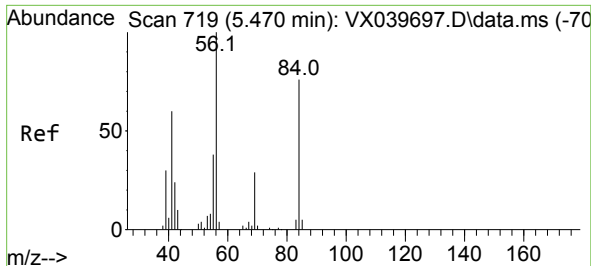
Tgt Ion: 43 Resp: 1756
Ion Ratio Lower Upper
43 100
58 24.4 21.9 32.9



#20
Methylene Chloride
Concen: 0.303 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039935.D
Acq: 24 Jan 2024 14:37

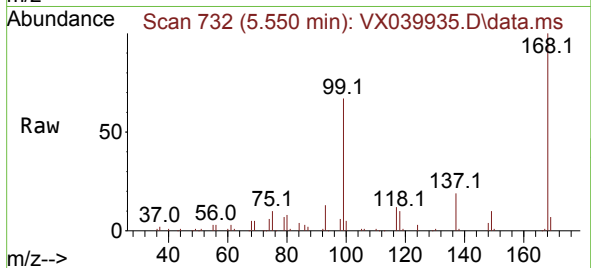
Tgt Ion: 84 Resp: 316
Ion Ratio Lower Upper
84 100
49 110.4 103.6 155.4
51 0.0 33.8 50.6#
86 64.2 49.4 74.0



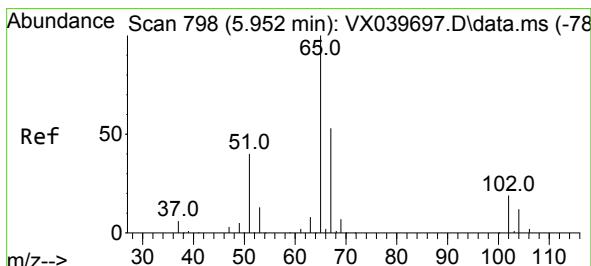
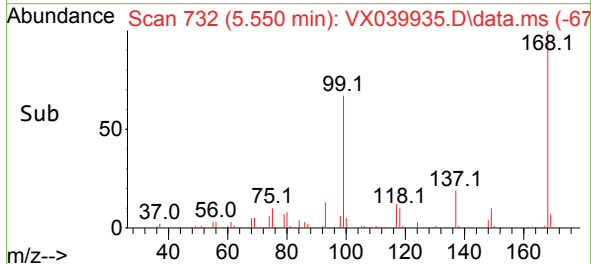
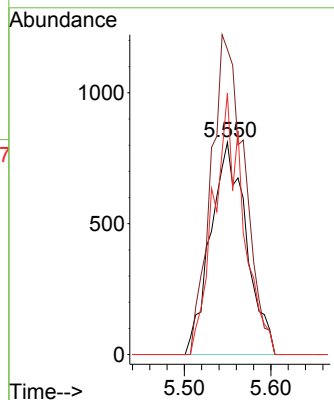


#31
Cyclohexane
Concen: 1.432 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX039935.D
Acq: 24 Jan 2024 14:37

Instrument :
MSVOA_X
ClientSampleId :
DUP-2-SUMOGW

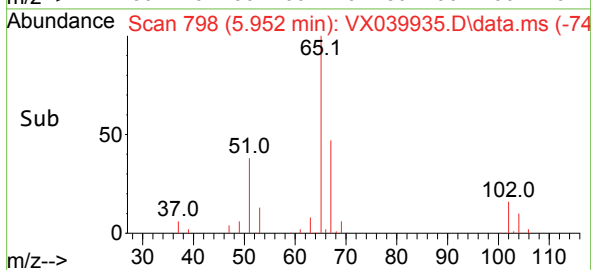
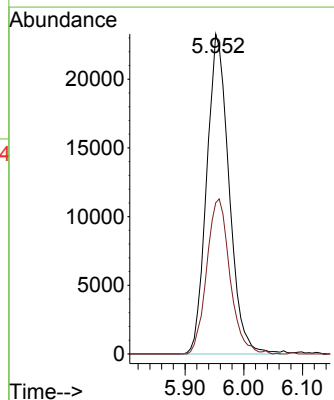
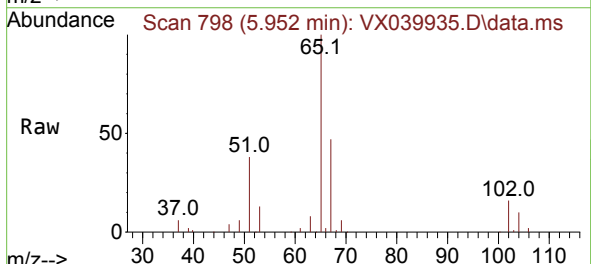


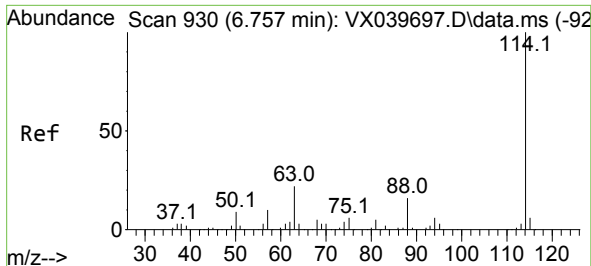
Tgt Ion: 56 Resp: 2317
Ion Ratio Lower Upper
56 100
69 143.8 23.4 35.2#
84 123.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 50.208 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039935.D
Acq: 24 Jan 2024 14:37

Tgt Ion: 65 Resp: 61543
Ion Ratio Lower Upper
65 100
67 50.3 0.0 100.2

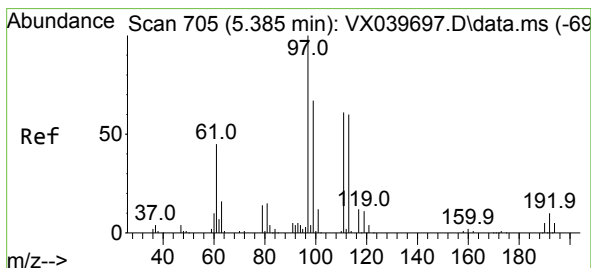
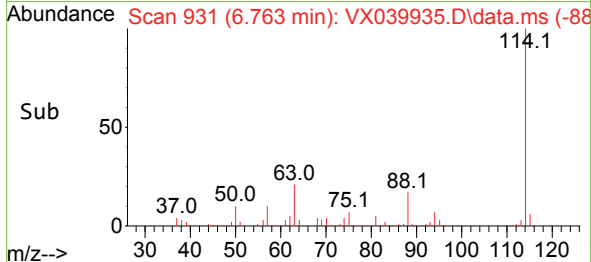
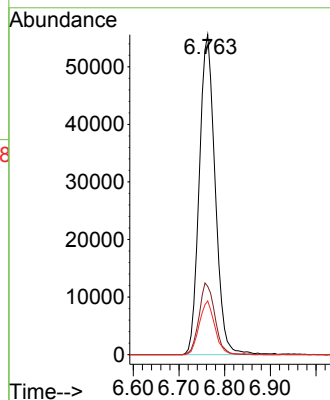
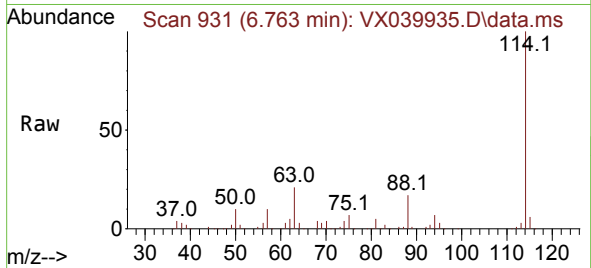




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX039935.D
Acq: 24 Jan 2024 14:37

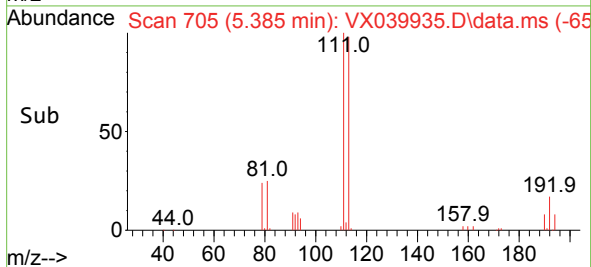
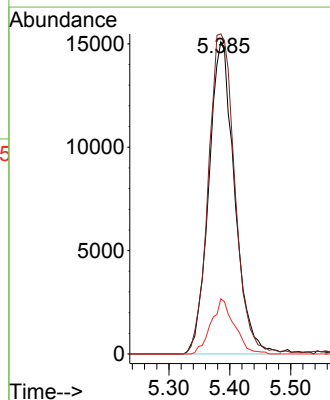
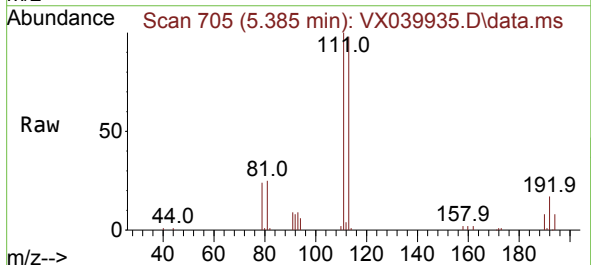
Instrument :
MSVOA_X
ClientSampleId :
DUP-2-SUMOGW

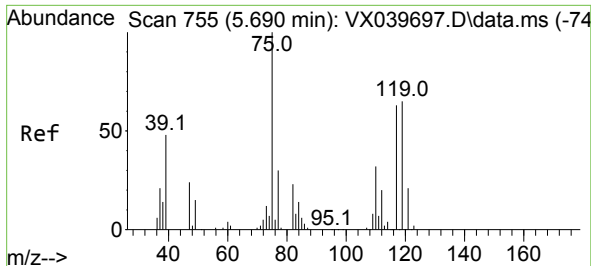
Tgt Ion:114 Resp: 134359
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.0
88 16.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.092 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039935.D
Acq: 24 Jan 2024 14:37

Tgt Ion:113 Resp: 44427
Ion Ratio Lower Upper
113 100
111 105.7 82.9 124.3
192 15.9 13.3 19.9

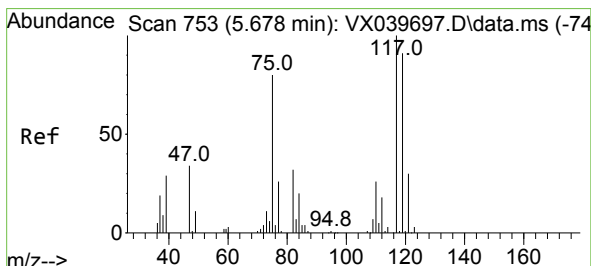
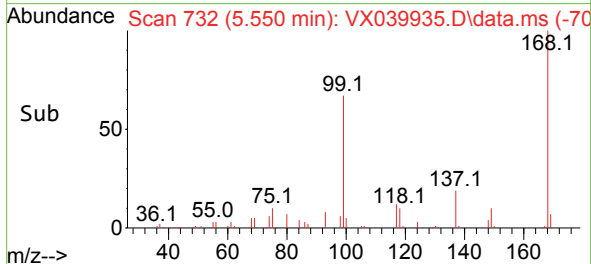
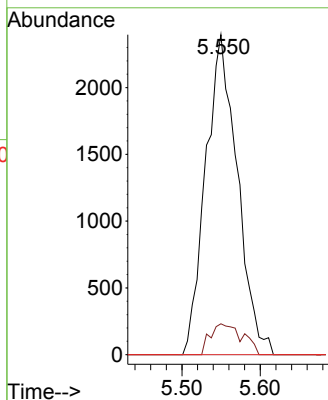
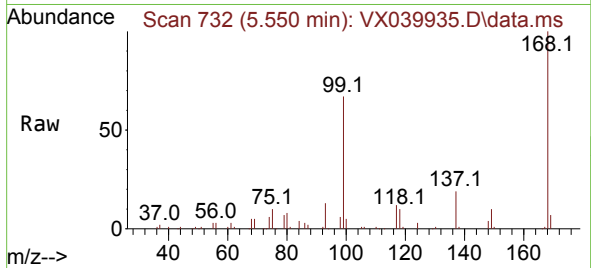




#36
1,1-Dichloropropene
Concen: 4.776 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX039935.D
Acq: 24 Jan 2024 14:37

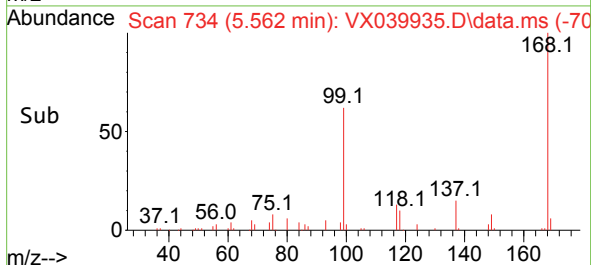
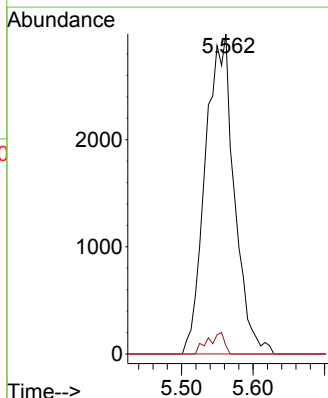
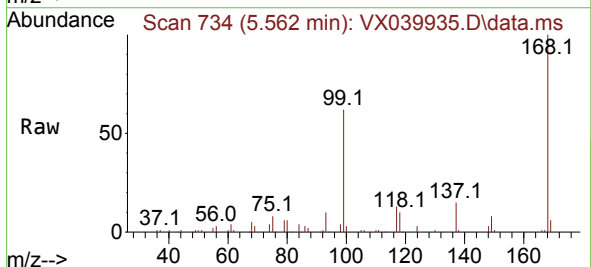
Instrument :
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ClientSampleId :
DUP-2-SUMOGW

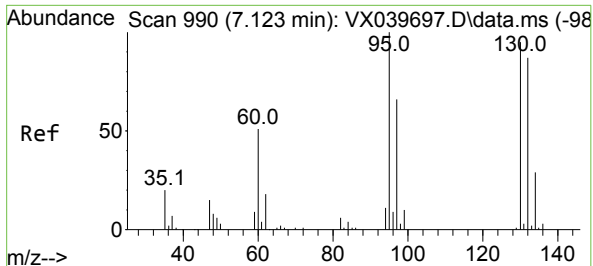
Tgt Ion: 75 Resp: 6728
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.502 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX039935.D
Acq: 24 Jan 2024 14:37

Tgt Ion: 117 Resp: 8389
Ion Ratio Lower Upper
117 100
119 2.6 78.2 117.2#
121 0.0 24.4 36.6#

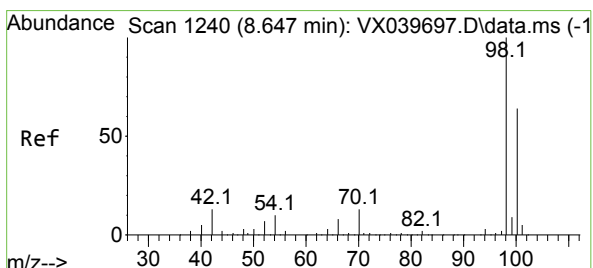
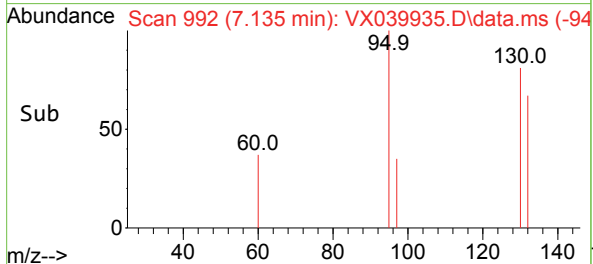
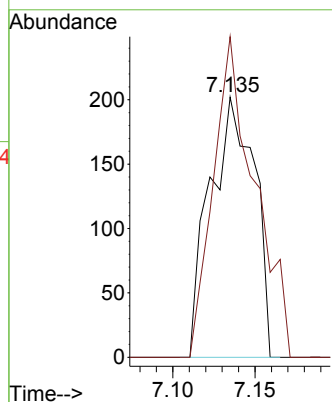
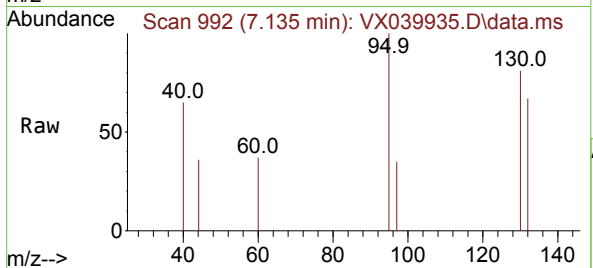




#44
Trichloroethene
Concen: 0.389 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX039935.D
Acq: 24 Jan 2024 14:37

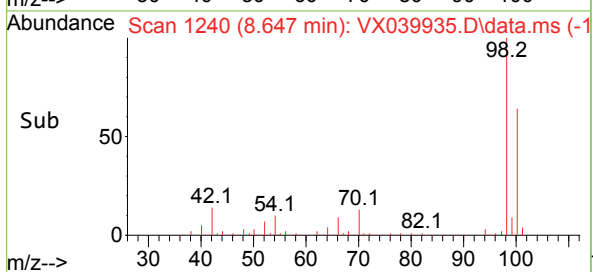
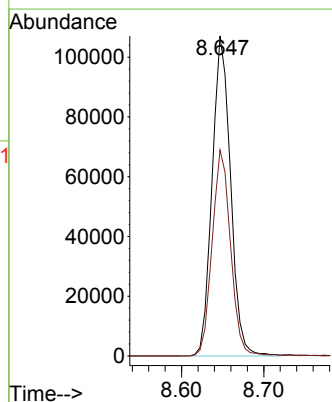
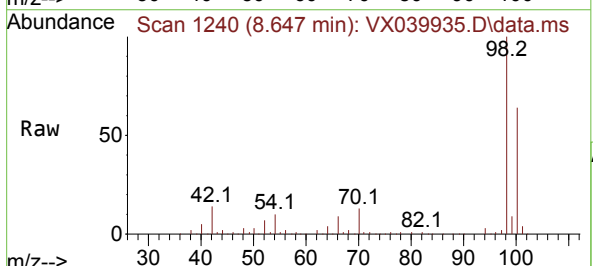
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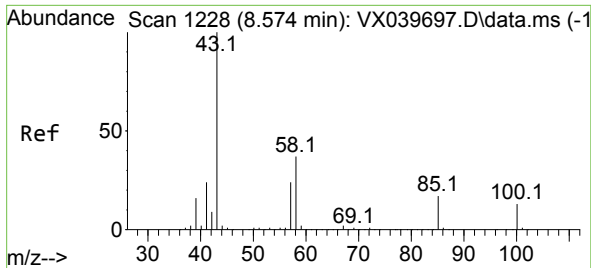
Tgt Ion:130 Resp: 380
Ion Ratio Lower Upper
130 100
95 123.3 0.0 204.4



#50
Toluene-d8
Concen: 48.894 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039935.D
Acq: 24 Jan 2024 14:37

Tgt Ion: 98 Resp: 166881
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7

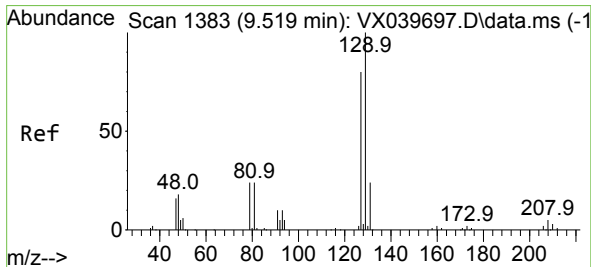
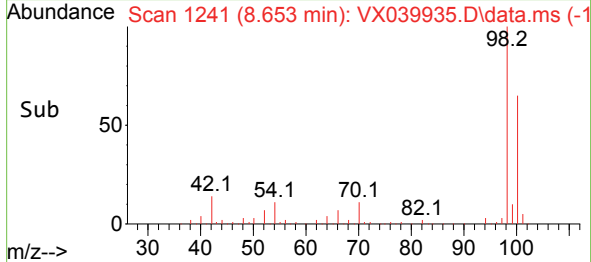
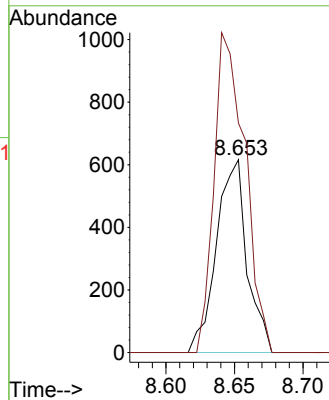
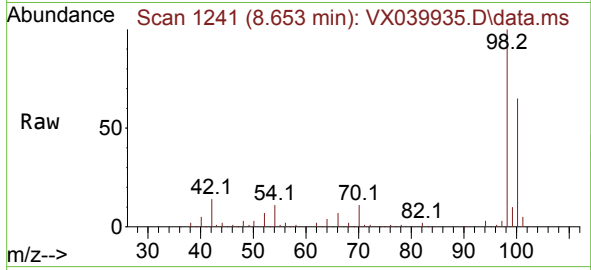




#51
4-Methyl-2-Pentanone
Concen: 0.504 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX039935.D
Acq: 24 Jan 2024 14:37

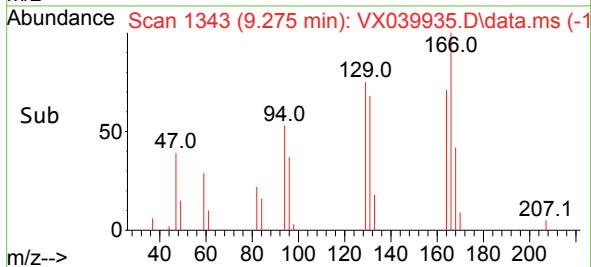
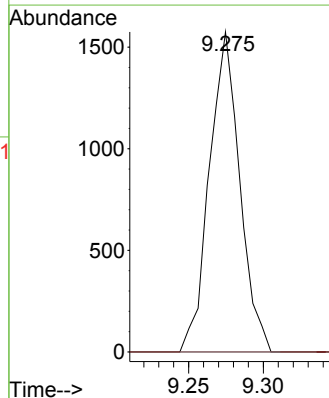
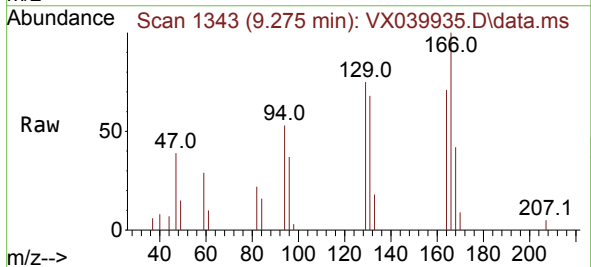
Instrument :
MSVOA_X
ClientSampleId :
DUP-2-SUMOGW

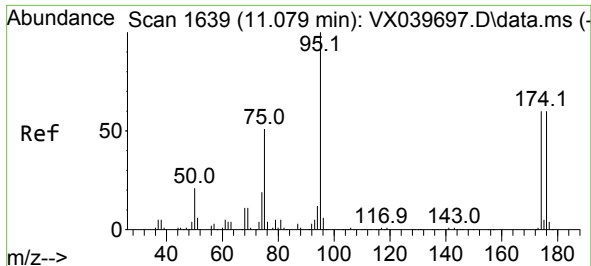
Tgt Ion: 43 Resp: 956
Ion Ratio Lower Upper
43 100
58 167.6 30.4 45.6#



#60
Dibromochloromethane
Concen: 2.328 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX039935.D
Acq: 24 Jan 2024 14:37

Tgt Ion: 129 Resp: 2227
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#





#62

4-Bromofluorobenzene

Concen: 50.266 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039935.D

Acq: 24 Jan 2024 14:37

Instrument :

MSVOA_X

ClientSampleId :

DUP-2-SUMOGW

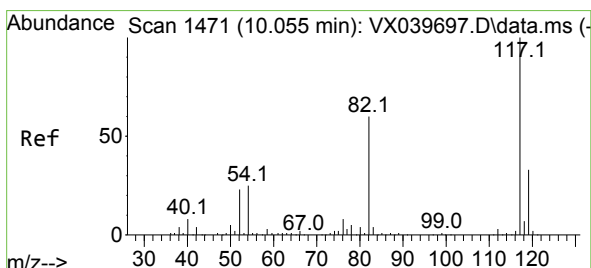
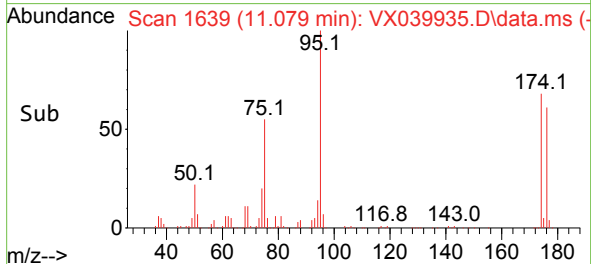
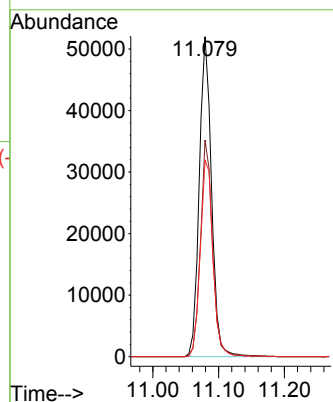
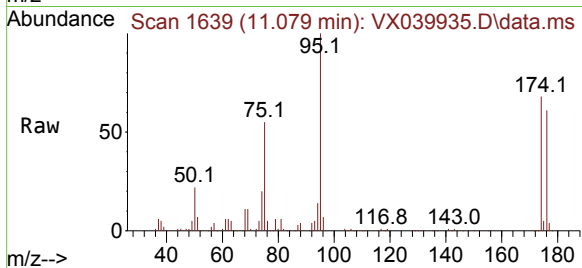
Tgt Ion: 95 Resp: 67090

Ion Ratio Lower Upper

95 100

174 66.6 0.0 135.6

176 63.3 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: VX039935.D

Acq: 24 Jan 2024 14:37

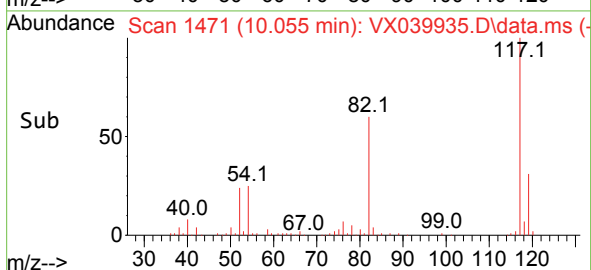
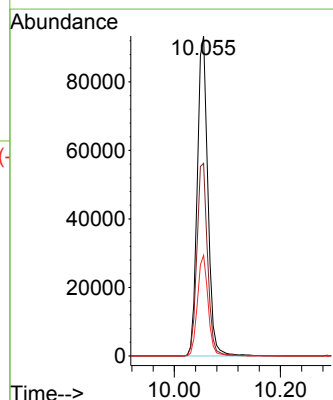
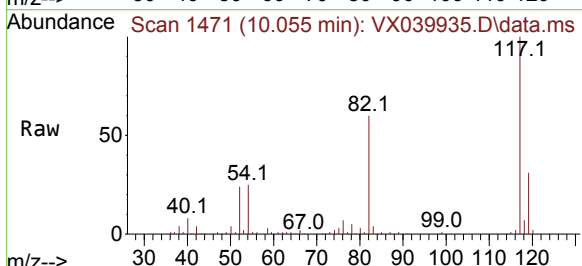
Tgt Ion: 117 Resp: 129586

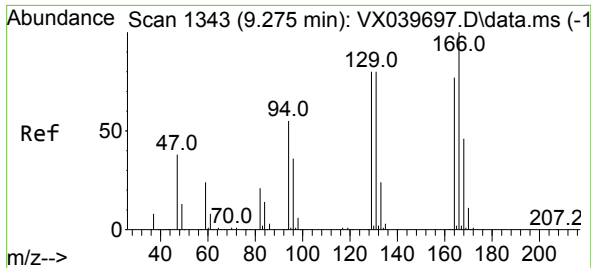
Ion Ratio Lower Upper

117 100

82 60.2 46.2 69.4

119 31.5 25.5 38.3

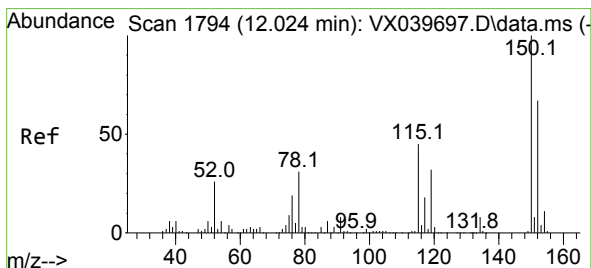
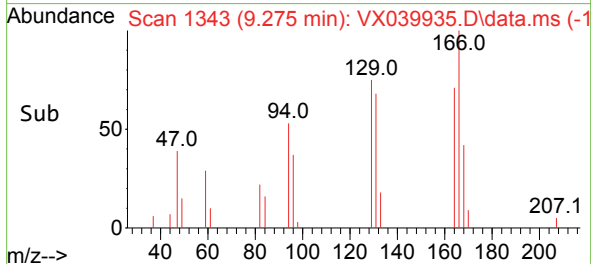
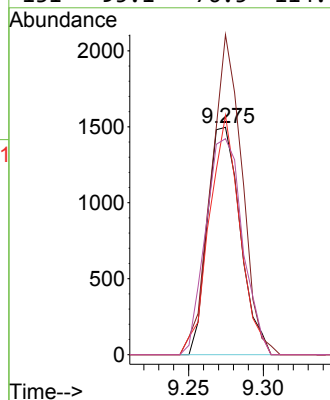
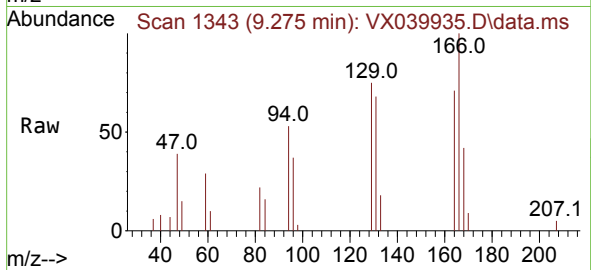




#64
Tetrachloroethene
Concen: 2.712 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039935.D
Acq: 24 Jan 2024 14:37

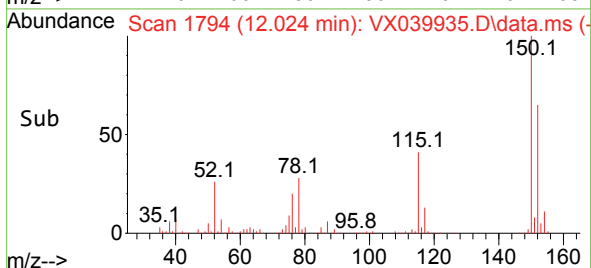
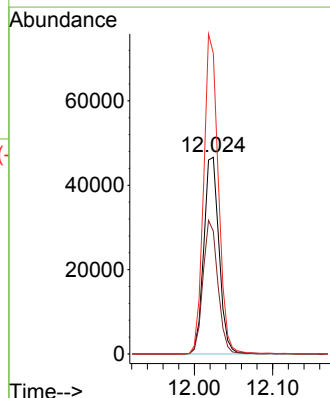
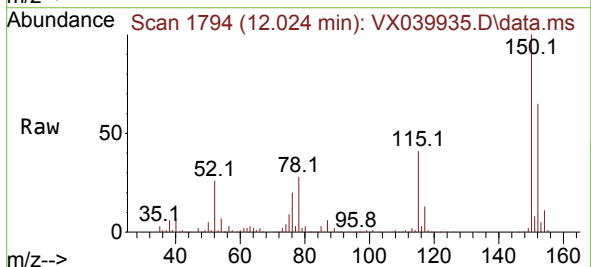
Instrument :
MSVOA_X
ClientSampleId :
DUP-2-SUMOGW

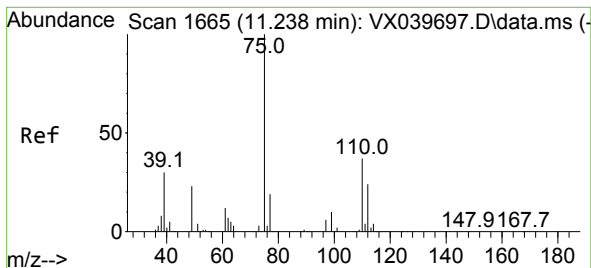
Tgt Ion:164 Resp: 2285
Ion Ratio Lower Upper
164 100
166 140.8 102.7 154.1
129 105.3 80.4 120.6
131 95.1 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX039935.D
Acq: 24 Jan 2024 14:37

Tgt Ion:152 Resp: 63108
Ion Ratio Lower Upper
152 100
115 66.2 43.3 129.9
150 156.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.226 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX039935.D

Acq: 24 Jan 2024 14:37

Instrument :

MSVOA_X

ClientSampleId :

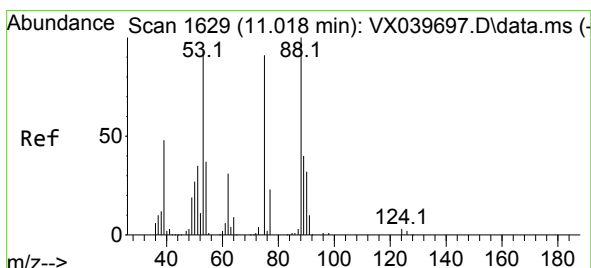
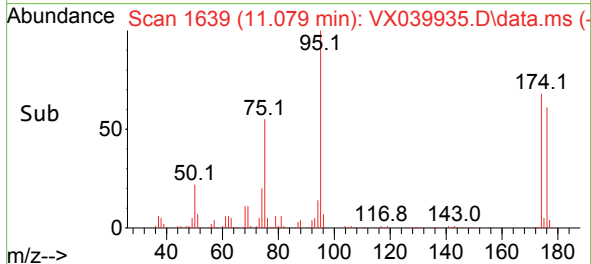
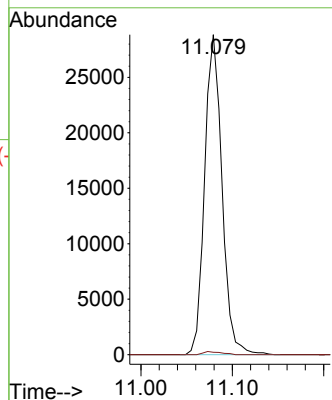
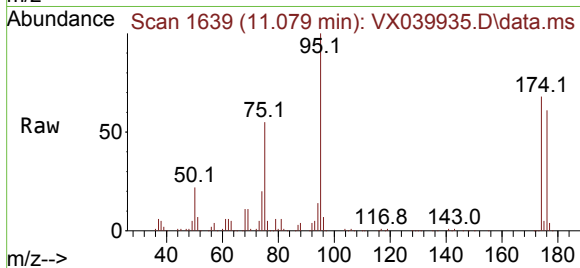
DUP-2-SUMOGW

Tgt Ion: 75 Resp: 38001

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.995 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039935.D

Acq: 24 Jan 2024 14:37

Tgt Ion: 75 Resp: 38001

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

