

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
 Data File : VX039841.D
 Acq On : 19 Jan 2024 15:59
 Operator : JC/MD
 Sample : P1184-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SUMOGW-4-23-26

Quant Time: Jan 20 00:27:37 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)

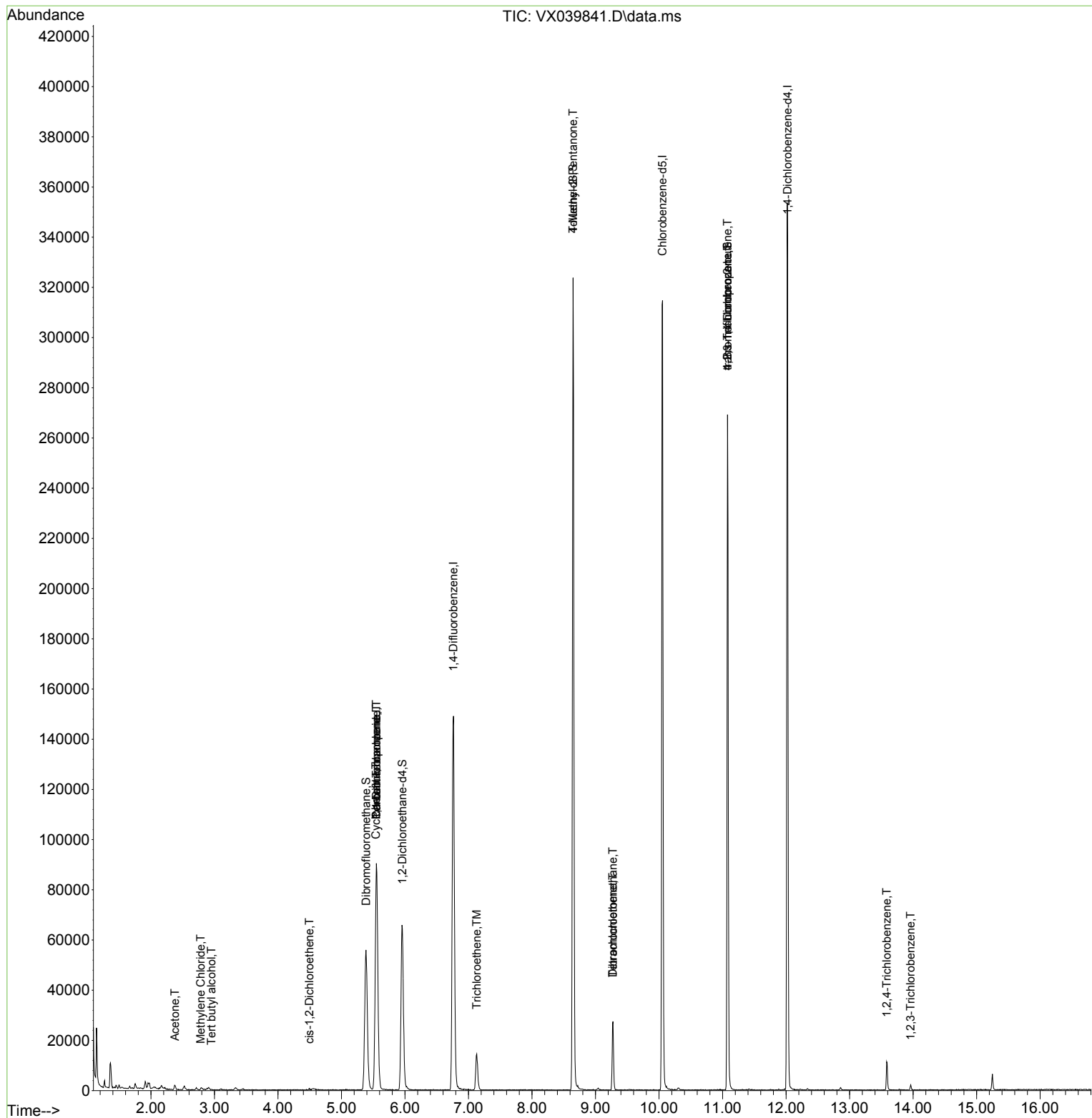
Internal Standards						
1) Pentafluorobenzene	5.550	168	81001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	149735	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63147	46.538	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.080%
35) Dibromofluoromethane	5.385	113	48431	48.021	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.040%
50) Toluene-d8	8.647	98	182299	47.926	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.860%
62) 4-Bromofluorobenzene	11.079	95	71486	48.060	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.120%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	98	0.277	ug/l #	78
16) Acetone	2.379	43	1920	2.516	ug/l	90
20) Methylene Chloride	2.782	84	365	0.316	ug/l #	90
27) cis-1,2-Dichloroethene	4.495	96	245	0.208	ug/l	40
31) Cyclohexane	5.544	56	2271	1.268	ug/l #	3
36) 1,1-Dichloropropene	5.550	75	7575	4.825	ug/l #	49
38) Carbon Tetrachloride	5.550	117	8753	6.088	ug/l #	16
44) Trichloroethene	7.129	130	5525	5.072	ug/l	91
51) 4-Methyl-2-Pentanone	8.647	43	980	0.463	ug/l #	1
60) Dibromochloromethane	9.275	129	4906	4.602	ug/l #	11
64) Tetrachloroethene	9.275	164	4425	4.762	ug/l #	89
76) 1,2,3-Trichloropropane	11.079	75	40064	22.325	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	40064	64.683	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.585	180	2727	1.919	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	621	0.433	ug/l	91

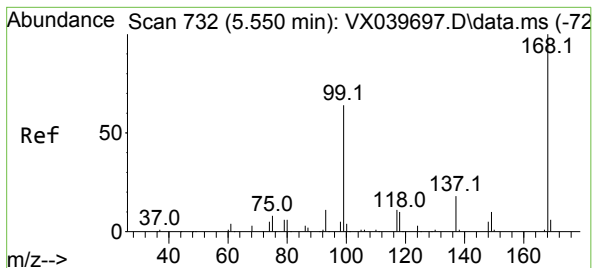
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 20 00:27:37 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# 71

Delta R.T. -0.000 min

Lab File: VX039841.D

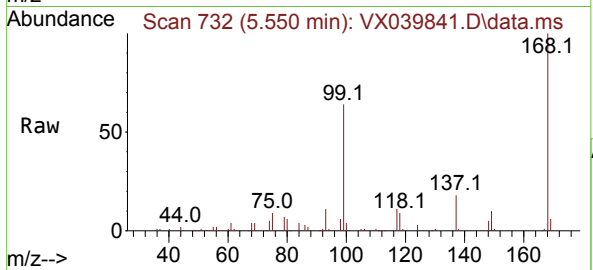
Acq: 19 Jan 2024 15:59

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-4-23-26

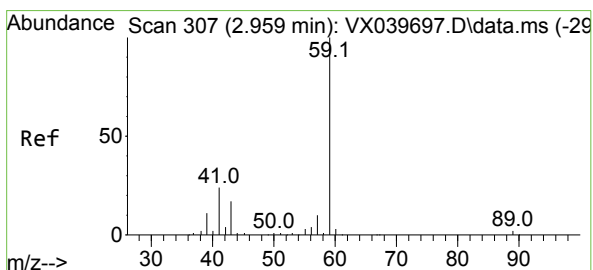
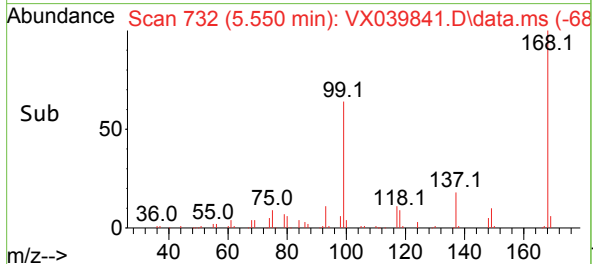
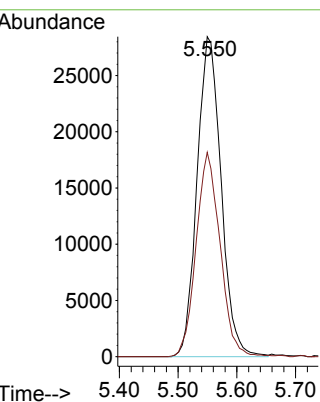


Tgt Ion:168 Resp: 81001

Ion Ratio Lower Upper

168 100

99 63.9 56.6 85.0



#11

Tert butyl alcohol

Concen: 0.277 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX039841.D

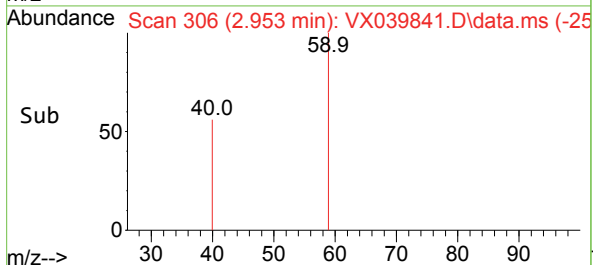
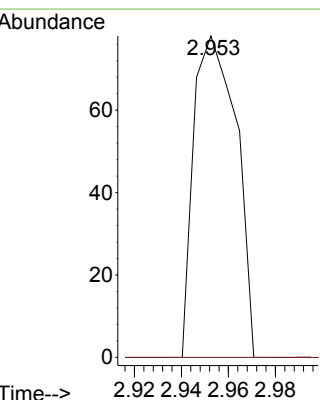
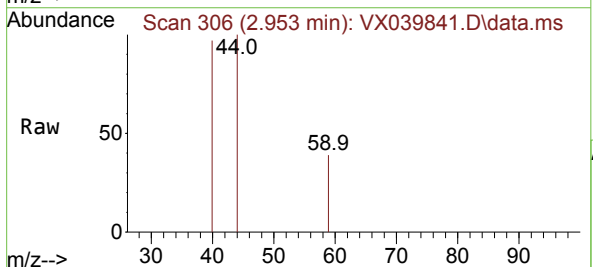
Acq: 19 Jan 2024 15:59

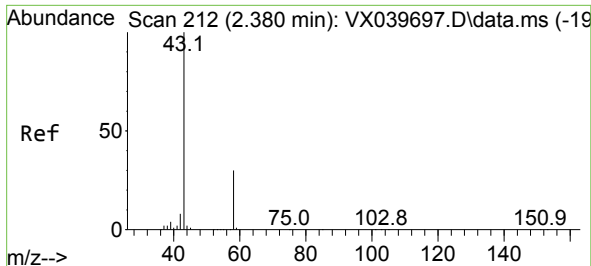
Tgt Ion: 59 Resp: 98

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#





#16

Acetone

Concen: 2.516 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX039841.D

Acq: 19 Jan 2024 15:59

Instrument :

MSVOA_X

ClientSampleId :

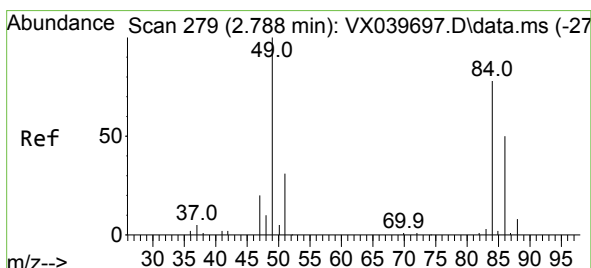
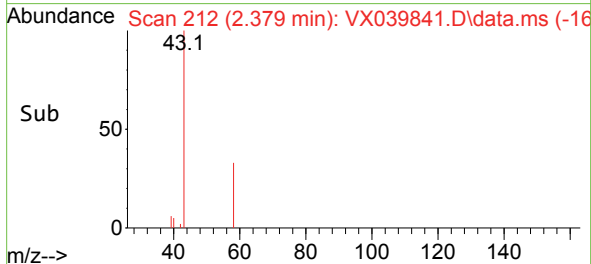
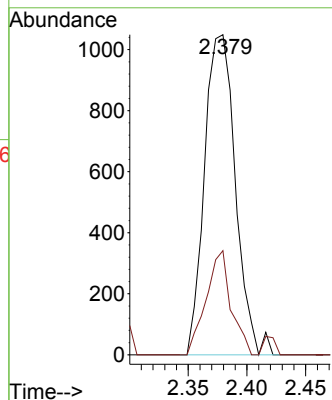
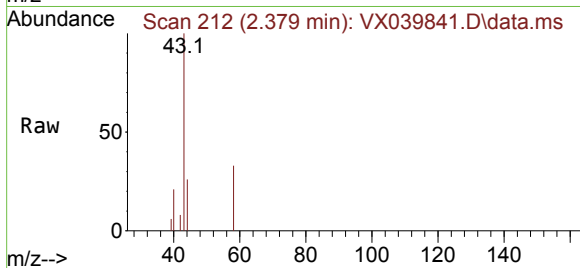
SUMOGW-4-23-26

Tgt Ion: 43 Resp: 1920

Ion Ratio Lower Upper

43 100

58 32.5 21.9 32.9



#20

Methylene Chloride

Concen: 0.316 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX039841.D

Acq: 19 Jan 2024 15:59

Tgt Ion: 84 Resp: 365

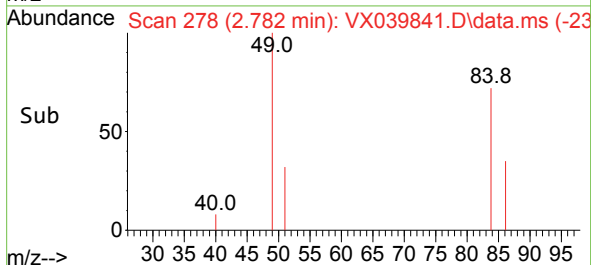
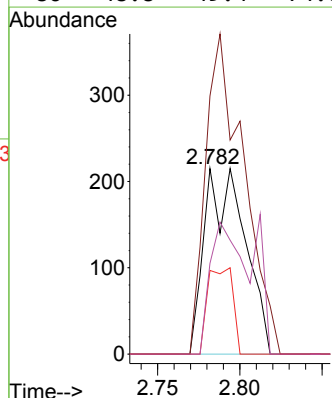
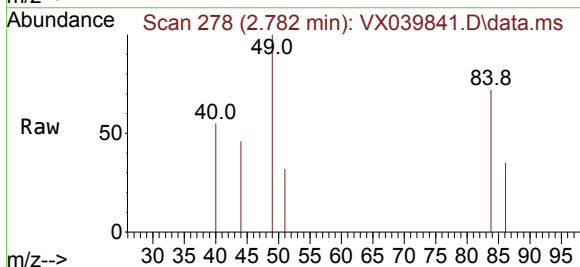
Ion Ratio Lower Upper

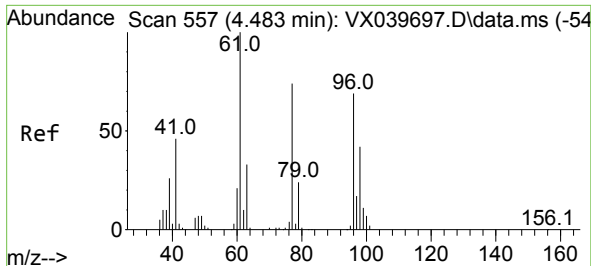
84 100

49 139.1 103.6 155.4

51 45.1 33.8 50.6

86 48.8 49.4 74.0#





#27

cis-1,2-Dichloroethene

Concen: 0.208 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX039841.D

Acq: 19 Jan 2024 15:59

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-4-23-26

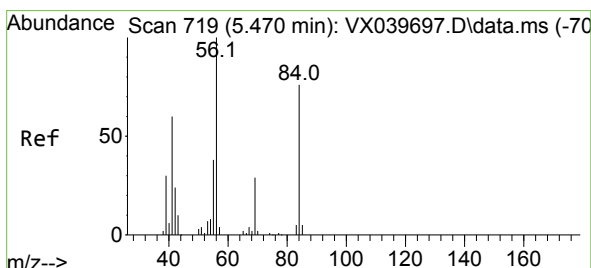
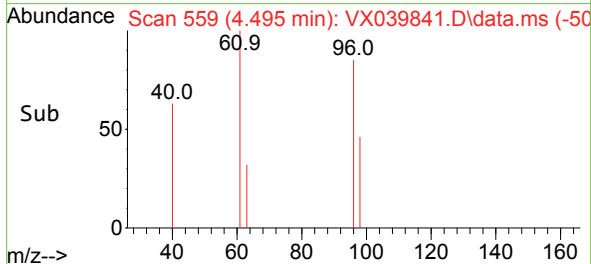
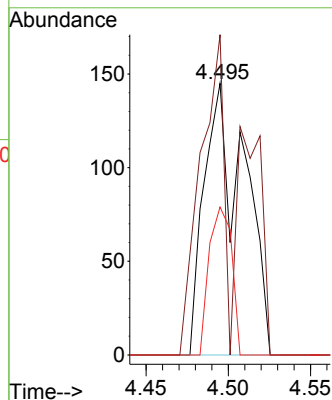
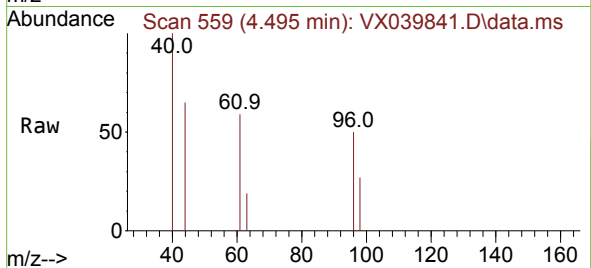
Tgt Ion: 96 Resp: 245

Ion Ratio Lower Upper

96 100

61 68.2 0.0 312.2

98 30.6 0.0 129.0



#31

Cyclohexane

Concen: 1.268 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX039841.D

Acq: 19 Jan 2024 15:59

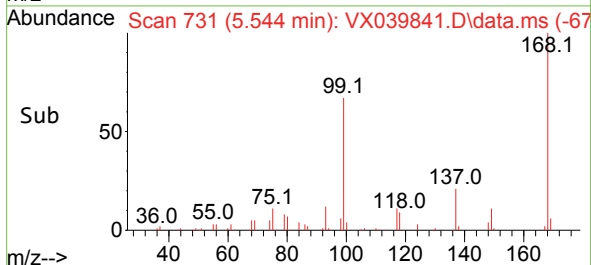
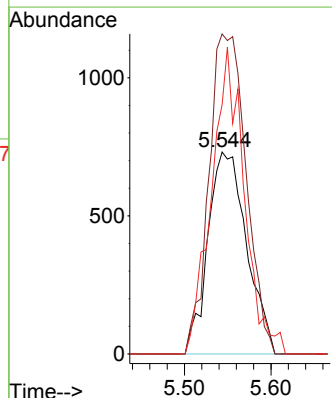
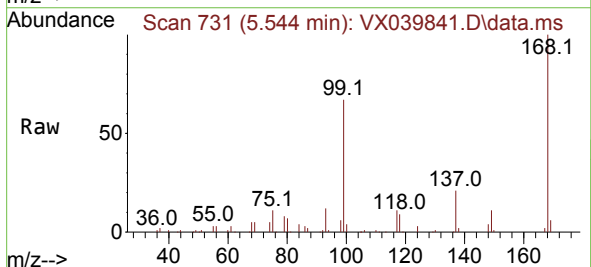
Tgt Ion: 56 Resp: 2271

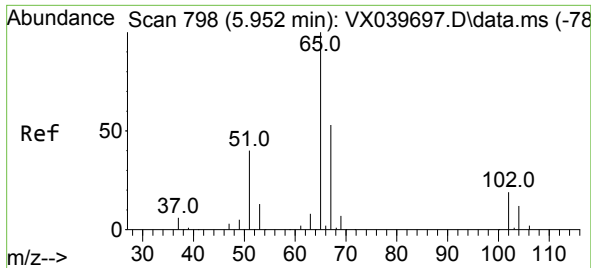
Ion Ratio Lower Upper

56 100

69 158.5 23.4 35.2#

84 123.5 65.9 98.9#

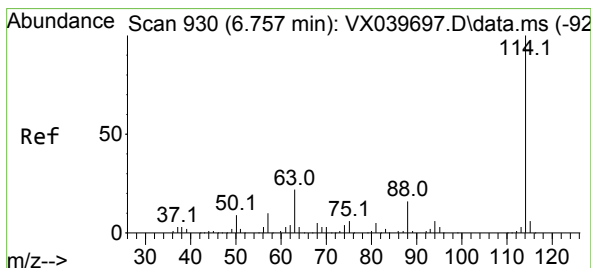
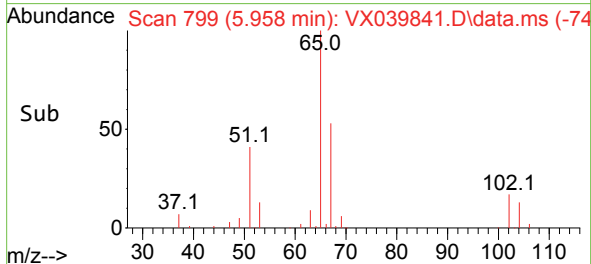
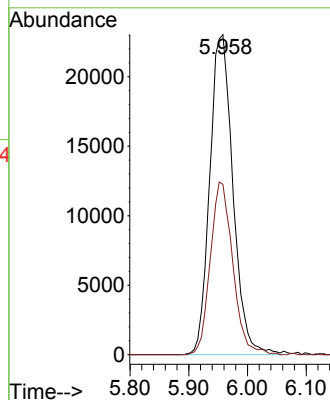
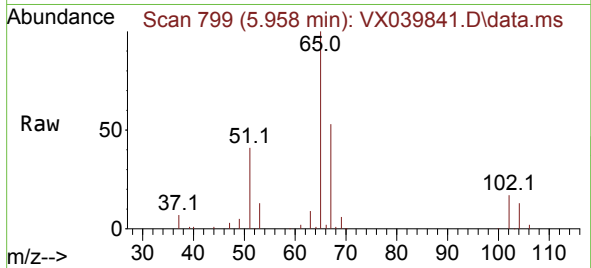




#33
1,2-Dichloroethane-d4
Concen: 46.538 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX039841.D
Acq: 19 Jan 2024 15:59

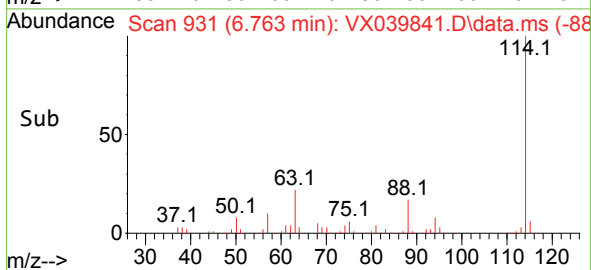
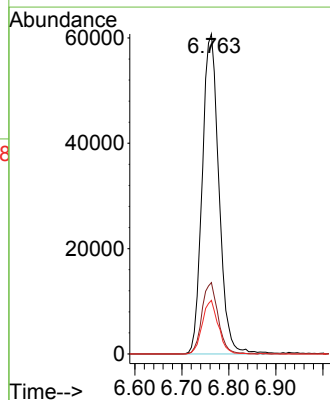
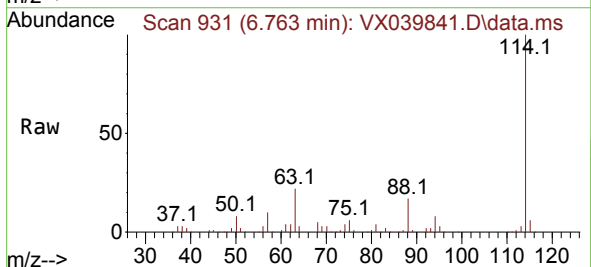
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-4-23-26

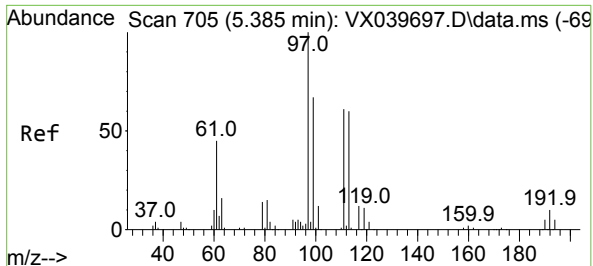
Tgt Ion: 65 Resp: 63147
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX039841.D
Acq: 19 Jan 2024 15:59

Tgt Ion: 114 Resp: 149735
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.0
88 16.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.021 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX039841.D

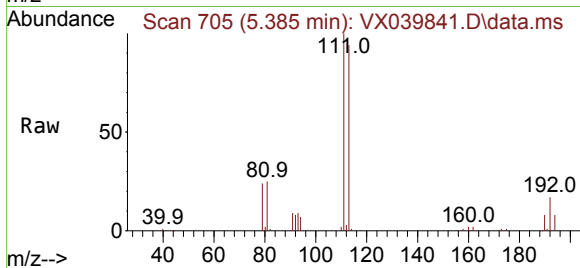
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Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-4-23-26



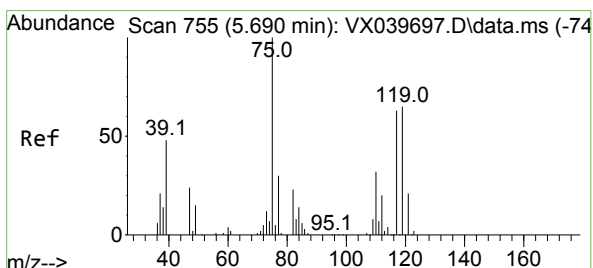
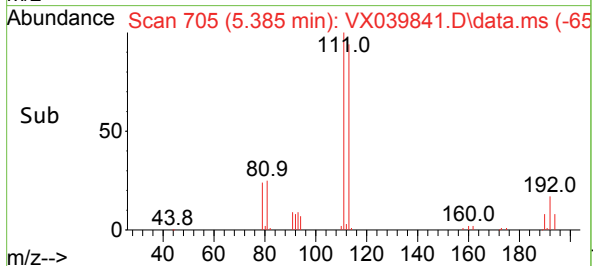
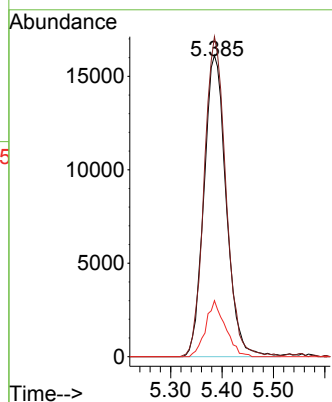
Tgt Ion:113 Resp: 48431

Ion Ratio Lower Upper

113 100

111 104.1 82.9 124.3

192 16.5 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.825 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX039841.D

Acq: 19 Jan 2024 15:59

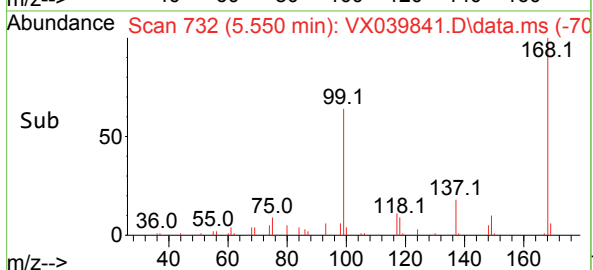
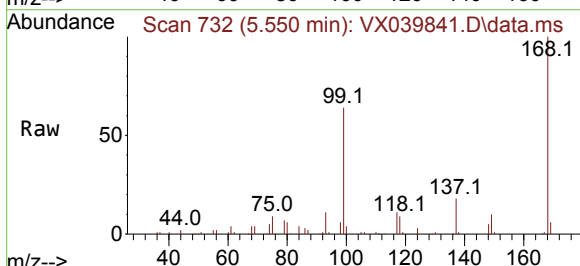
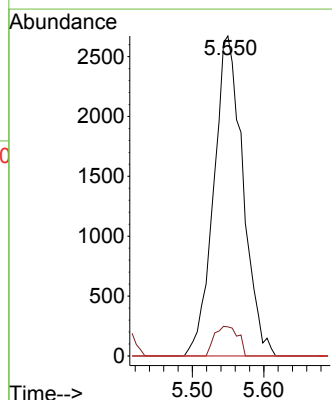
Tgt Ion: 75 Resp: 7575

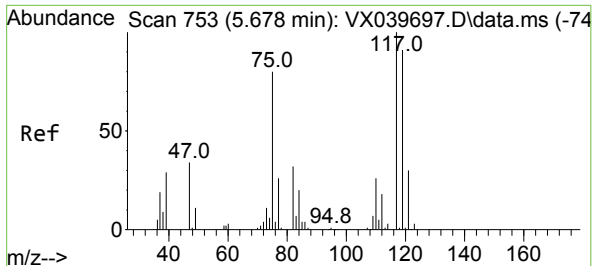
Ion Ratio Lower Upper

75 100

110 7.5 17.0 50.9#

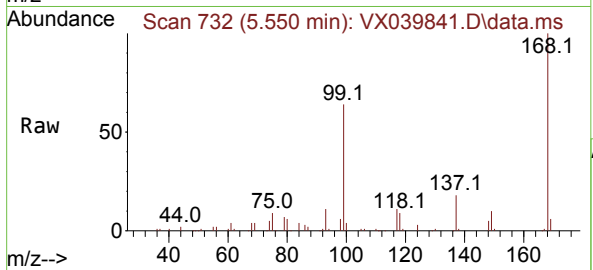
77 0.0 24.7 37.1#



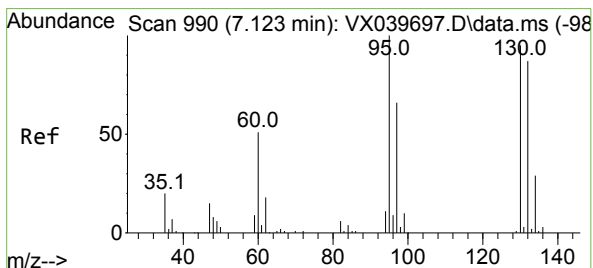
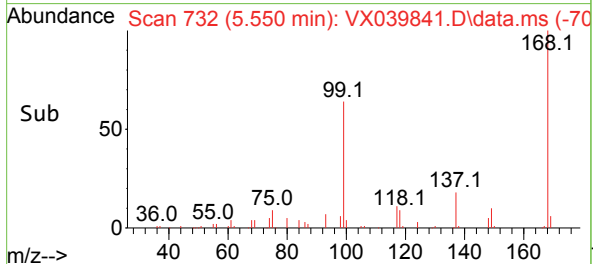
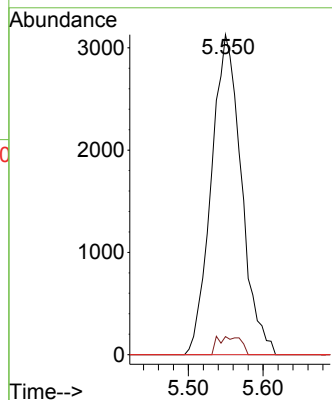


#38
Carbon Tetrachloride
Concen: 6.088 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX039841.D
Acq: 19 Jan 2024 15:59

Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-4-23-26

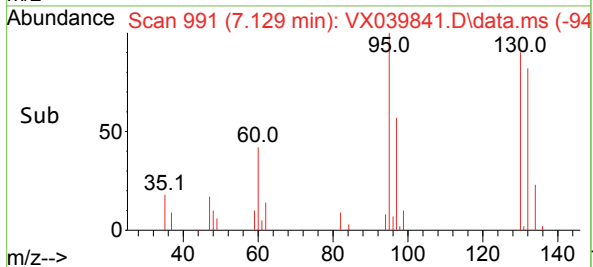
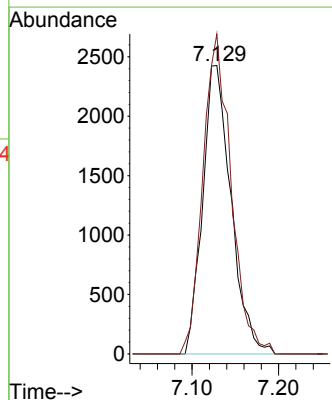
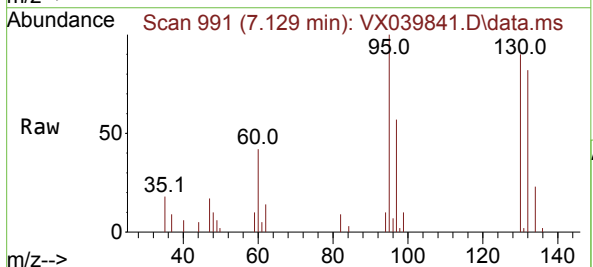


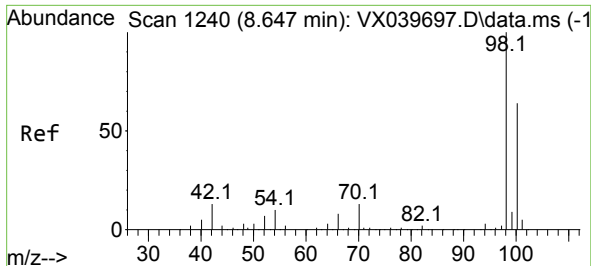
Tgt Ion:117 Resp: 8753
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 5.072 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX039841.D
Acq: 19 Jan 2024 15:59

Tgt Ion:130 Resp: 5525
Ion Ratio Lower Upper
130 100
95 110.9 0.0 204.4

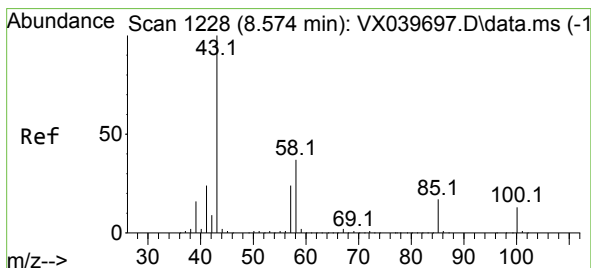
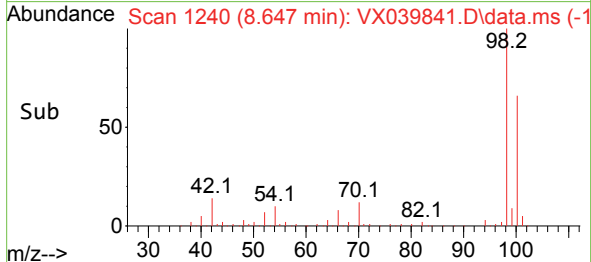
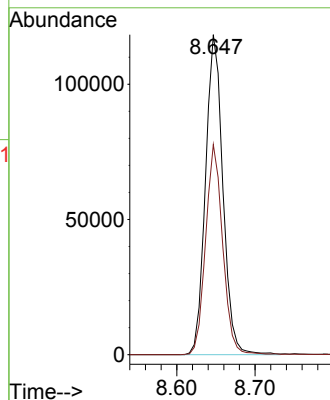
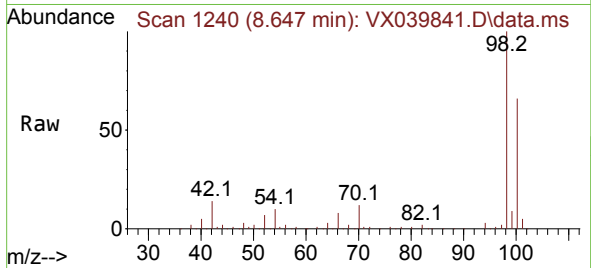




#50
Toluene-d8
Concen: 47.926 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039841.D
Acq: 19 Jan 2024 15:59

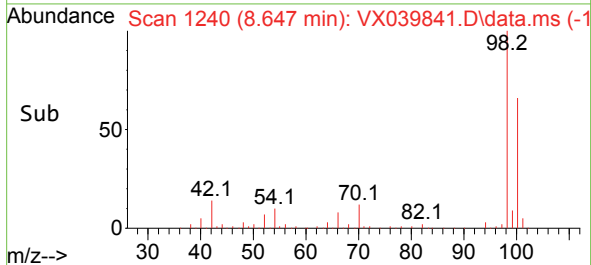
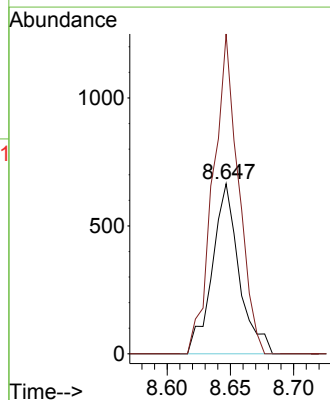
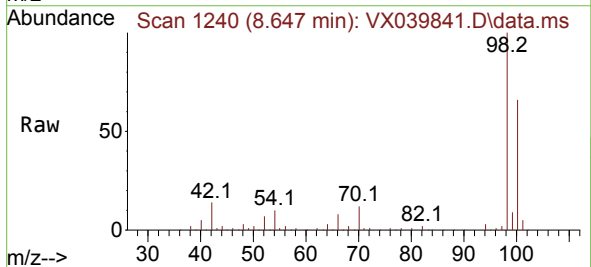
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-4-23-26

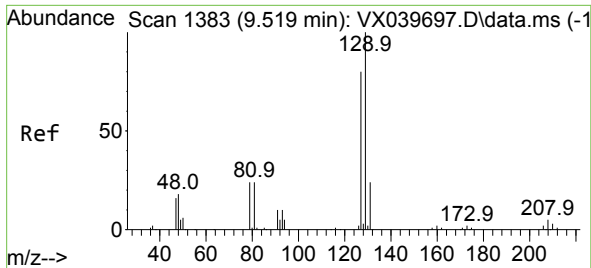
Tgt Ion: 98 Resp: 182299
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.463 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX039841.D
Acq: 19 Jan 2024 15:59

Tgt Ion: 43 Resp: 980
Ion Ratio Lower Upper
43 100
58 178.3 30.4 45.6#

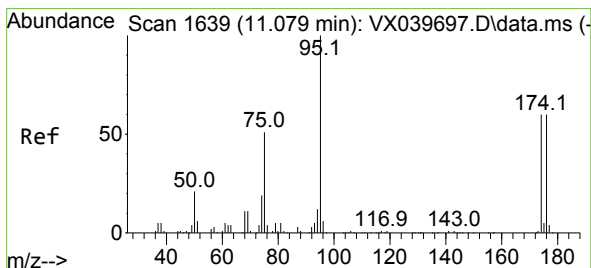
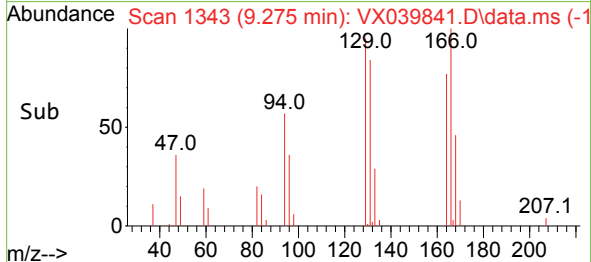
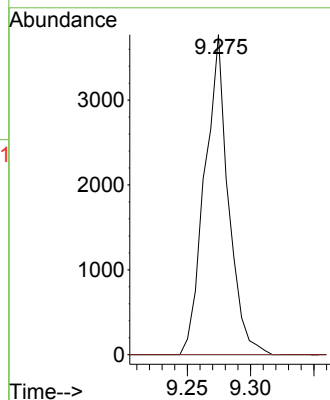
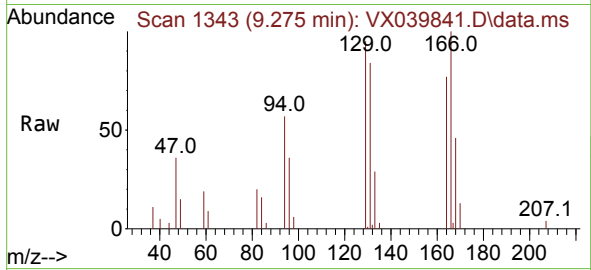




#60
Dibromochloromethane
Concen: 4.602 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX039841.D
Acq: 19 Jan 2024 15:59

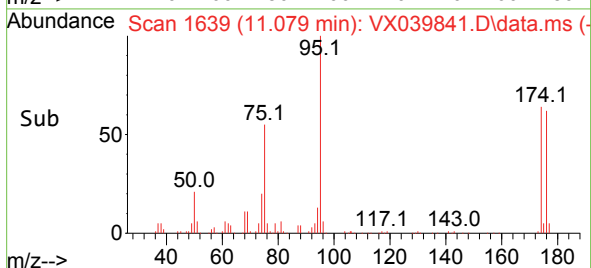
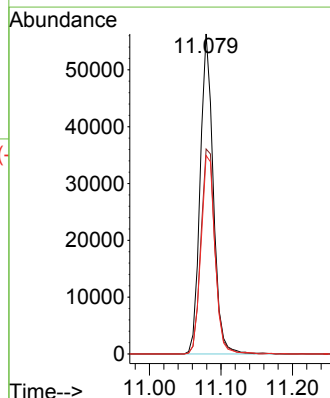
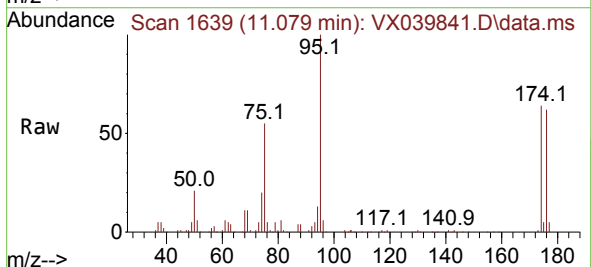
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-4-23-26

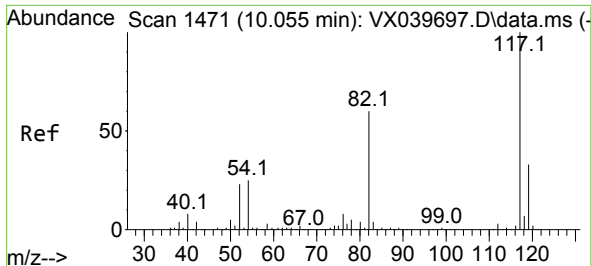
Tgt Ion:129 Resp: 4906
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 48.060 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039841.D
Acq: 19 Jan 2024 15:59

Tgt Ion: 95 Resp: 71486
Ion Ratio Lower Upper
95 100
174 69.0 0.0 135.6
176 66.4 0.0 131.0

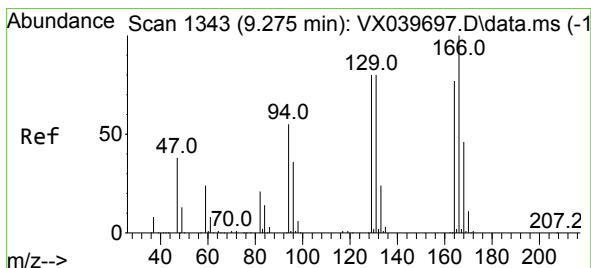
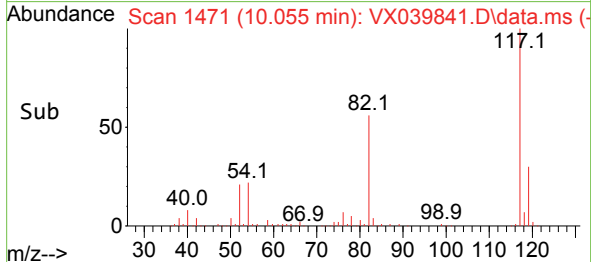
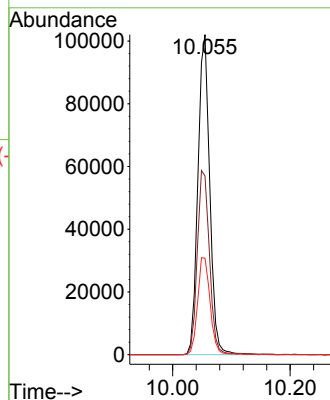
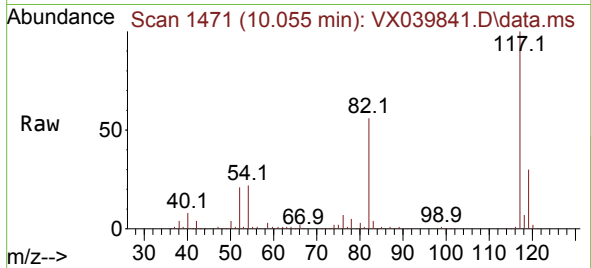




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039841.D
Acq: 19 Jan 2024 15:59

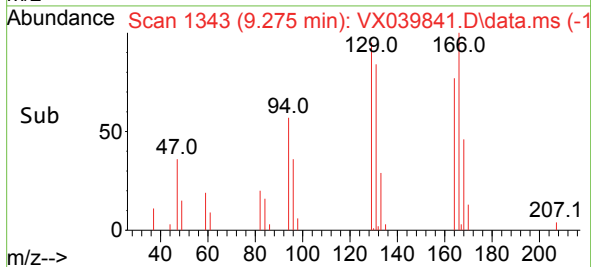
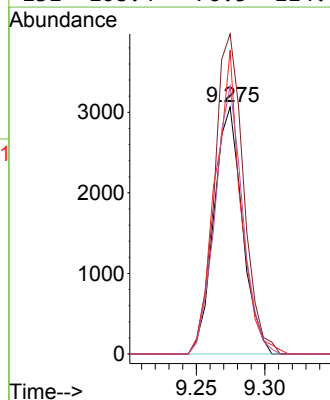
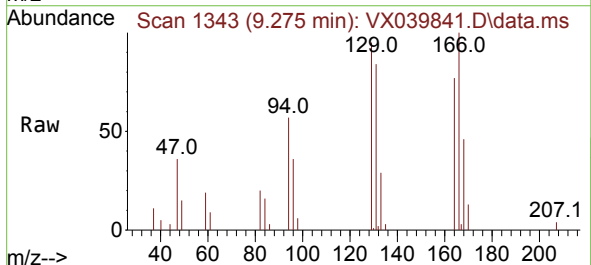
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-4-23-26

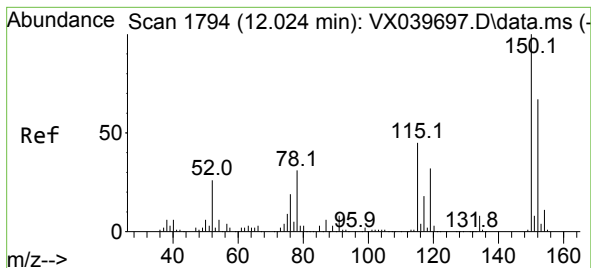
Tgt Ion:117 Resp: 142878
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 30.1 25.5 38.3



#64
Tetrachloroethene
Concen: 4.762 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX039841.D
Acq: 19 Jan 2024 15:59

Tgt Ion:164 Resp: 4425
Ion Ratio Lower Upper
164 100
166 129.6 102.7 154.1
129 123.0 80.4 120.6#
131 108.4 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039841.D

Acq: 19 Jan 2024 15:59

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-4-23-26

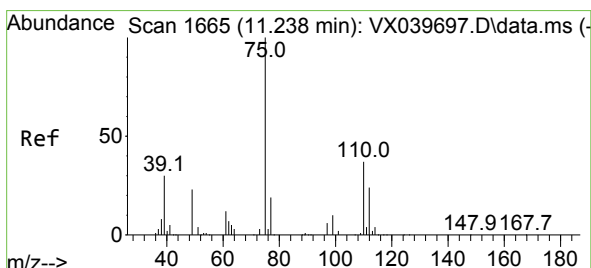
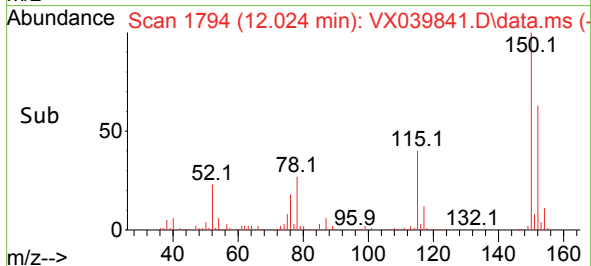
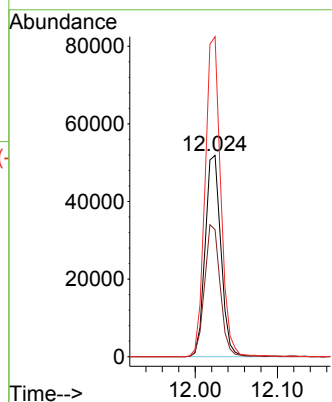
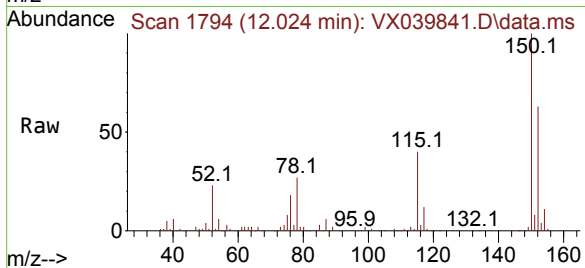
Tgt Ion:152 Resp: 69220

Ion Ratio Lower Upper

152 100

115 64.8 43.3 129.9

150 157.9 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.325 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039841.D

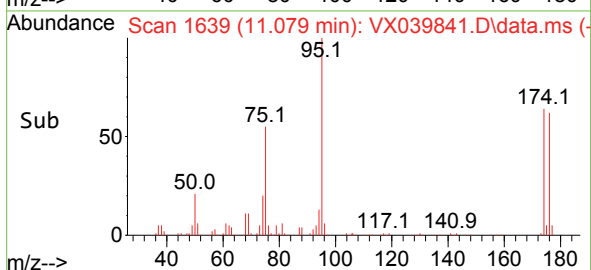
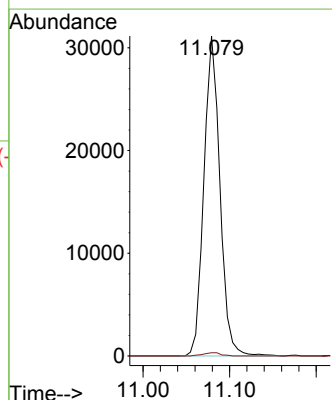
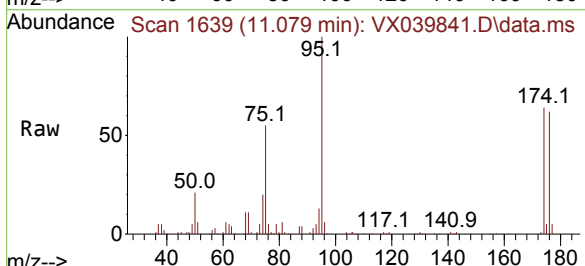
Acq: 19 Jan 2024 15:59

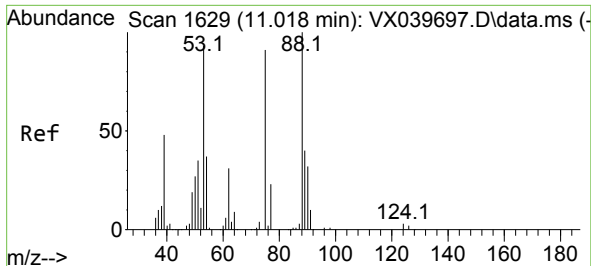
Tgt Ion: 75 Resp: 40064

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

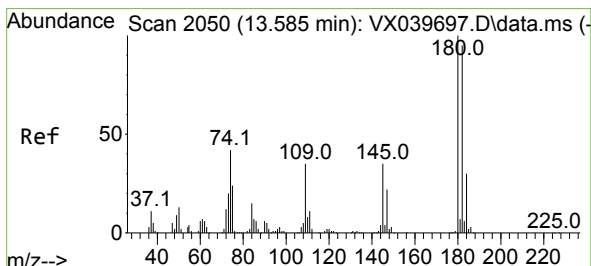
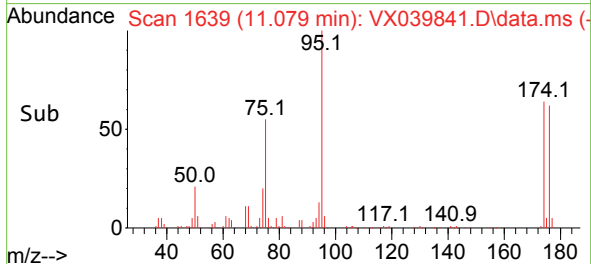
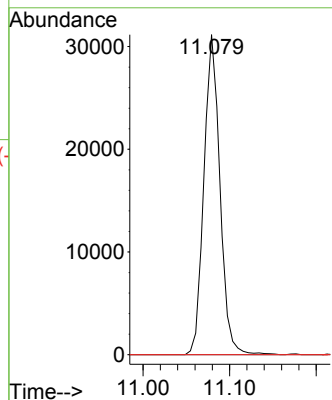
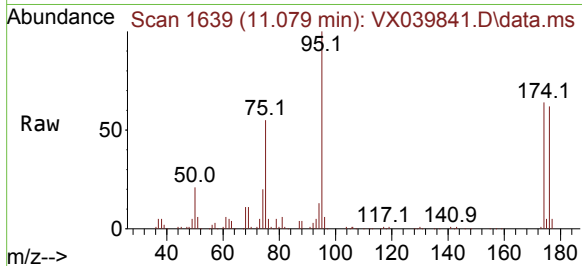




#81
trans-1,4-Dichloro-2-butene
Concen: 64.683 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039841.D
Acq: 19 Jan 2024 15:59

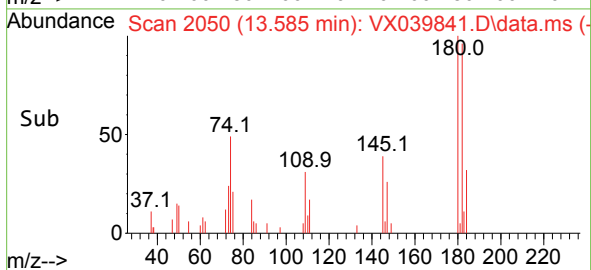
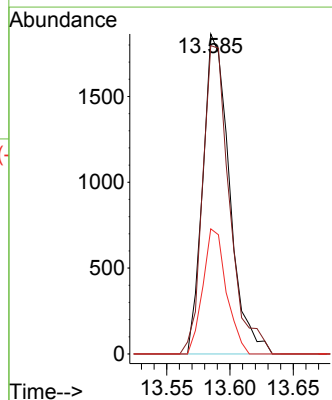
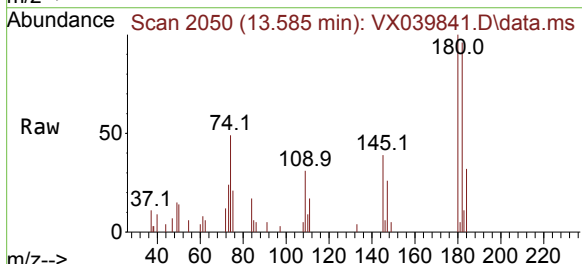
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-4-23-26

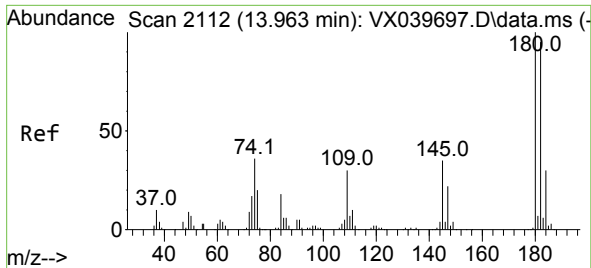
Tgt Ion: 75 Resp: 40064
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 1.919 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX039841.D
Acq: 19 Jan 2024 15:59

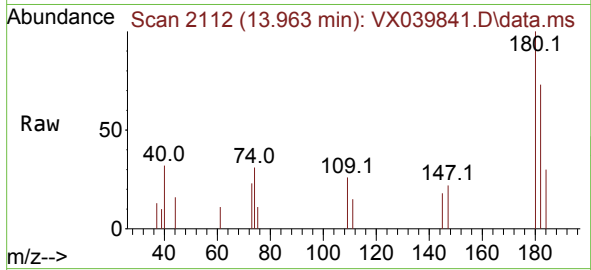
Tgt Ion: 180 Resp: 2727
Ion Ratio Lower Upper
180 100
182 97.1 48.3 144.8
145 34.5 18.0 54.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.433 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX039841.D
 Acq: 19 Jan 2024 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 SUMOGW-4-23-26



Tgt Ion:180	Resp:	621
Ion	Ratio	Lower Upper
180	100	
182	83.4	46.9 140.6
145	33.7	17.8 53.5

