

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011724\
 Data File : VX039796.D
 Acq On : 17 Jan 2024 12:52
 Operator : JC/MD
 Sample : P1156-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SUMOGW-9-23-26

Quant Time: Jan 18 02:41:33 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)

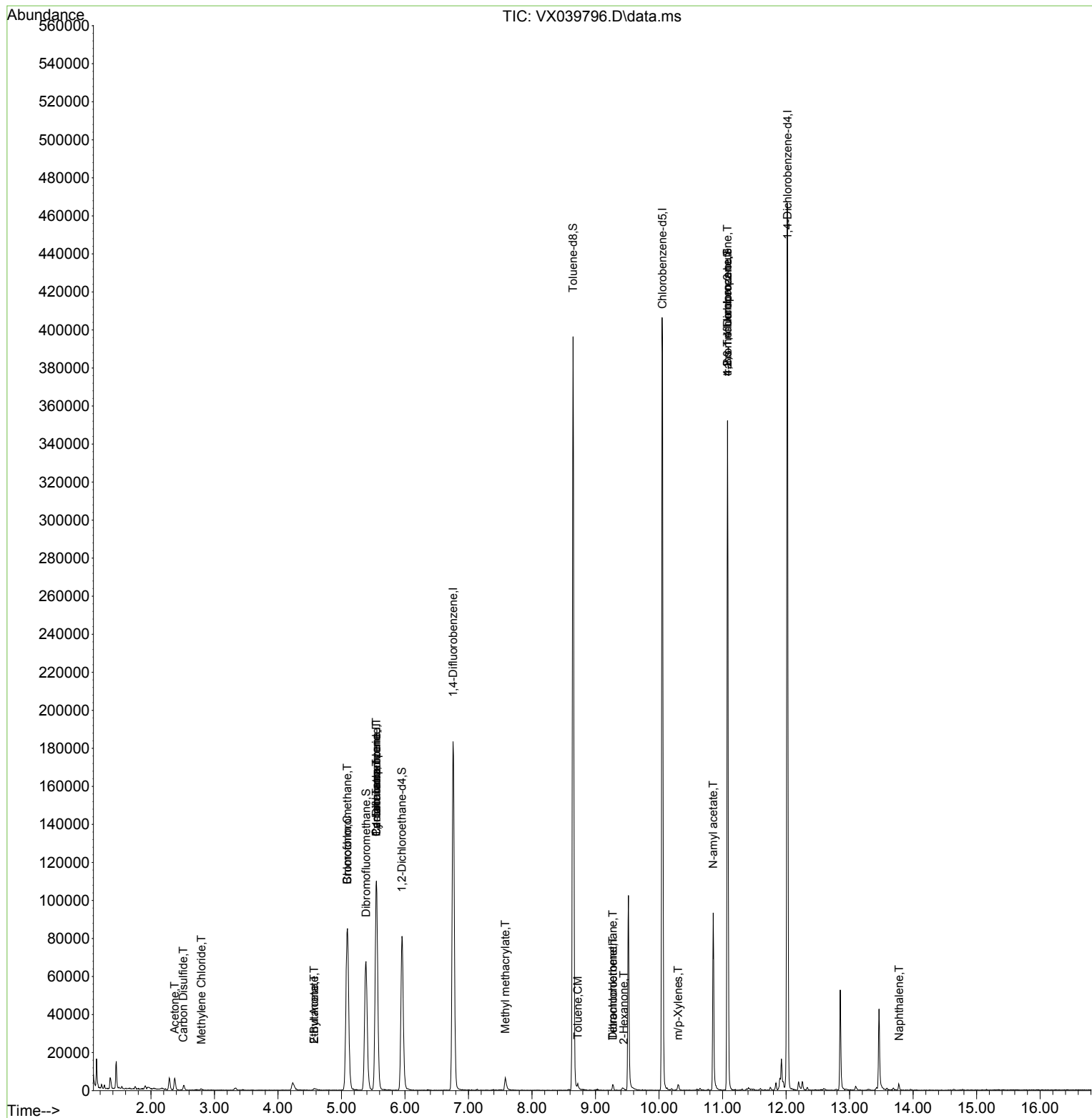
Internal Standards						
1) Pentafluorobenzene	5.550	168	98296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	182308	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76246	46.305	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.620%
35) Dibromofluoromethane	5.385	113	59483	48.442	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.880%
50) Toluene-d8	8.647	98	225558	48.704	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.400%
62) 4-Bromofluorobenzene	11.079	95	92881	51.287	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.580%
Target Compounds						
					Qvalue	
13) Acrolein	2.227	56	119	Below Cal	#	1
16) Acetone	2.374	43	6496	7.015	ug/l #	86
17) Carbon Disulfide	2.508	76	2046	0.602	ug/l #	93
20) Methylene Chloride	2.794	84	443	0.316	ug/l #	62
25) 2-Butanone	4.568	43	2011	1.511	ug/l #	82
28) Bromochloromethane	5.093	49	8966	8.091	ug/l #	16
30) Chloroform	5.093	83	101484	42.053	ug/l	100
31) Cyclohexane	5.550	56	2707	1.246	ug/l #	12
36) 1,1-Dichloropropene	5.550	75	9100	4.761	ug/l #	50
37) Ethyl Acetate	4.568	43	2011	0.789	ug/l #	69
38) Carbon Tetrachloride	5.550	117	10515	6.007	ug/l #	15
48) Methyl methacrylate	7.580	41	2028	1.103	ug/l #	51
52) Toluene	8.720	92	961	0.297	ug/l	96
59) 2-Hexanone	9.445	43	675	0.331	ug/l	100
60) Dibromochloromethane	9.275	129	473	0.364	ug/l #	11
64) Tetrachloroethene	9.275	164	617	0.533	ug/l #	83
68) m/p-Xylenes	10.299	106	929	0.367	ug/l	95
74) N-amyl acetate	10.854	43	11915	3.225	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	50549	21.898	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	50549	63.582	ug/l #	5
95) Naphthalene	13.780	128	2220	0.330	ug/l	95

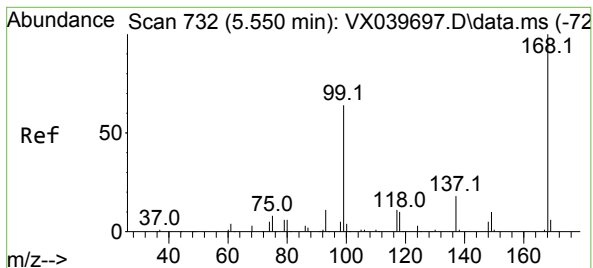
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SUMOGW-9-23-26

Quant Time: Jan 18 02:41:33 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: VX039796.D

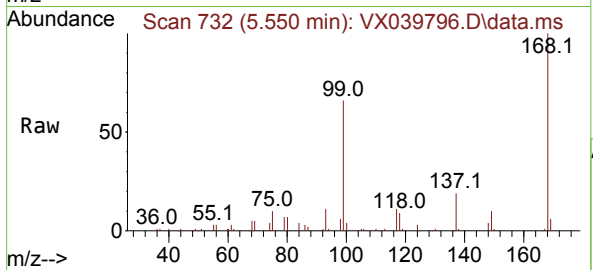
Acq: 17 Jan 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-9-23-26

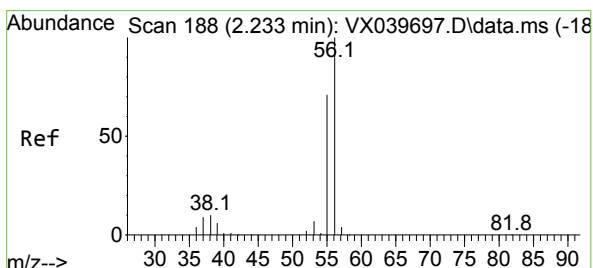
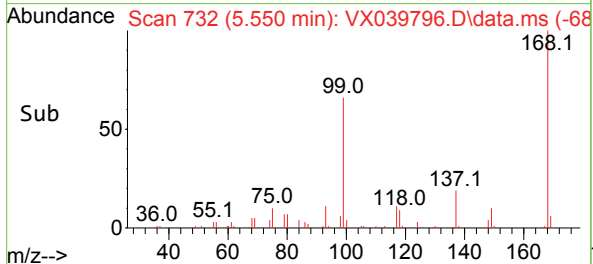
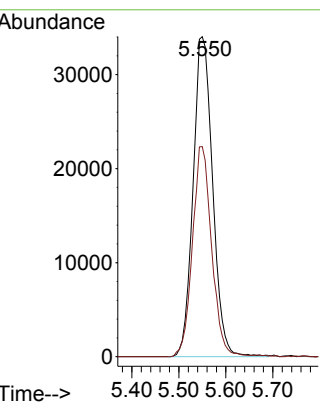


Tgt Ion:168 Resp: 98296

Ion Ratio Lower Upper

168 100

99 65.7 56.6 85.0



#13

Acrolein

Concen: Below Cal

RT: 2.227 min Scan# 187

Delta R.T. -0.006 min

Lab File: VX039796.D

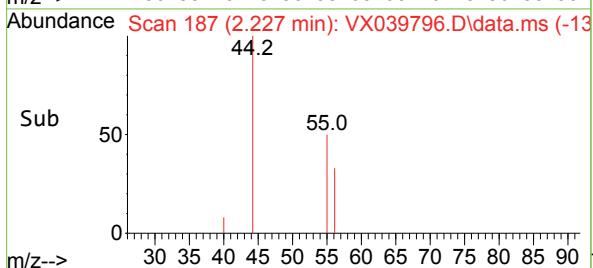
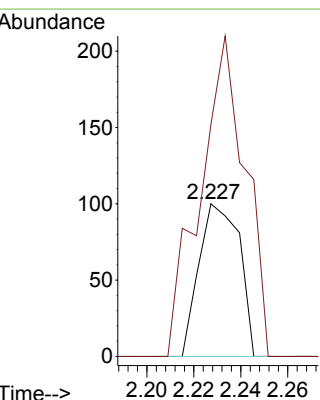
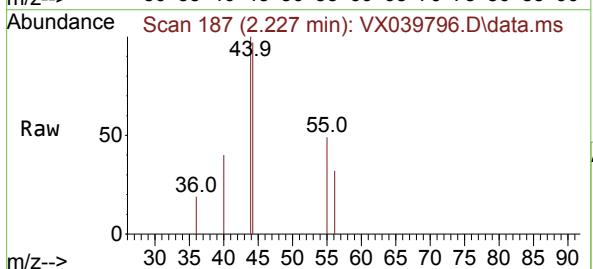
Acq: 17 Jan 2024 12:52

Tgt Ion: 56 Resp: 119

Ion Ratio Lower Upper

56 100

55 236.1 57.1 85.7#

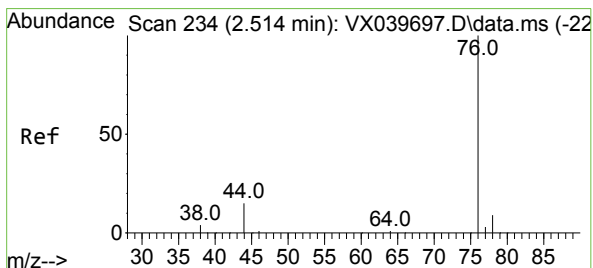
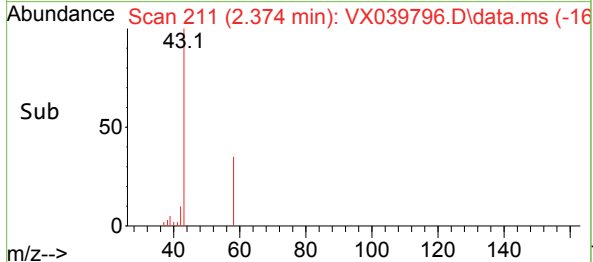
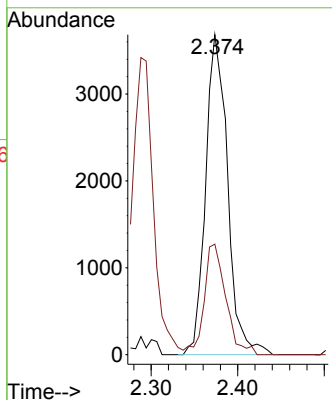
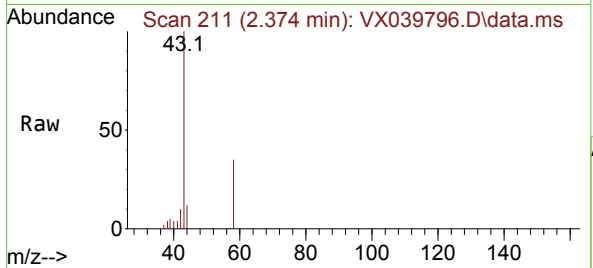




#16
Acetone
Concen: 7.015 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039796.D
Acq: 17 Jan 2024 12:52

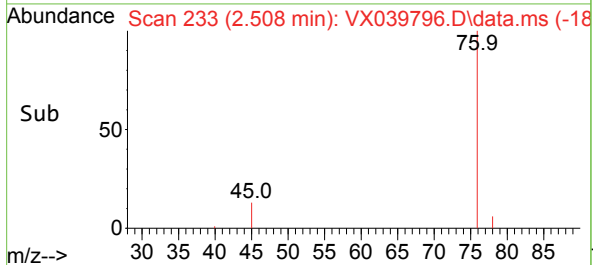
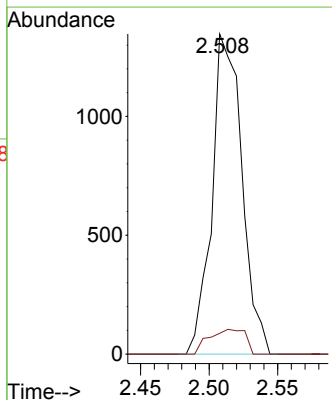
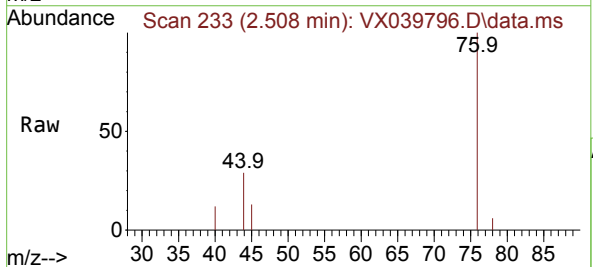
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-9-23-26

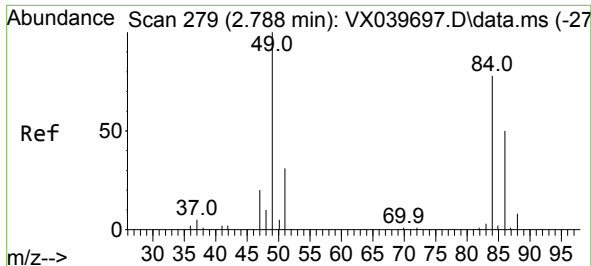
Tgt Ion: 43 Resp: 6496
Ion Ratio Lower Upper
43 100
58 34.5 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.602 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX039796.D
Acq: 17 Jan 2024 12:52

Tgt Ion: 76 Resp: 2046
Ion Ratio Lower Upper
76 100
78 6.5 7.0 10.6#





#20

Methylene Chloride

Concen: 0.316 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX039796.D

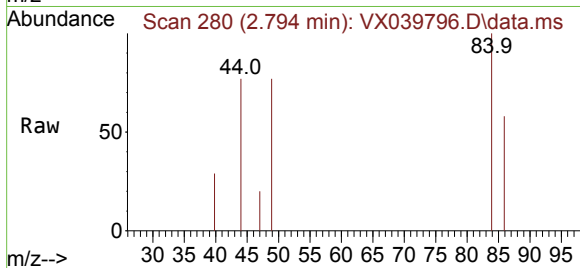
Acq: 17 Jan 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-9-23-26



Tgt Ion: 84 Resp: 443

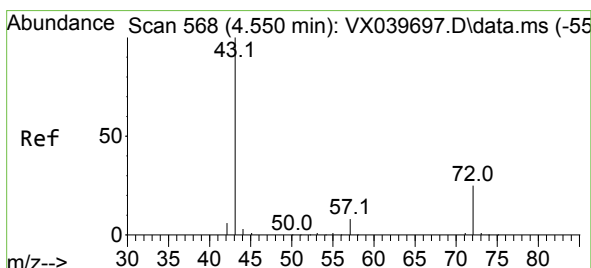
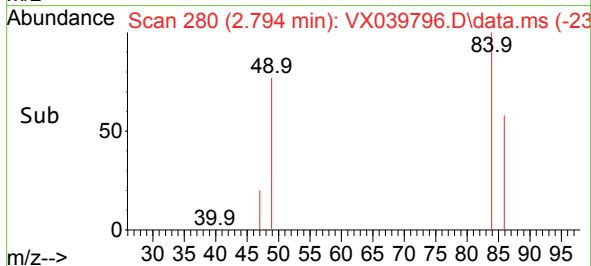
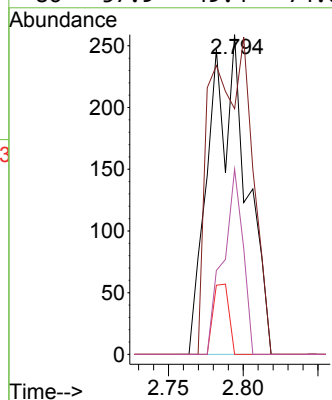
Ion Ratio Lower Upper

84 100

49 76.8 103.6 155.4#

51 0.0 33.8 50.6#

86 57.9 49.4 74.0



#25

2-Butanone

Concen: 1.511 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.018 min

Lab File: VX039796.D

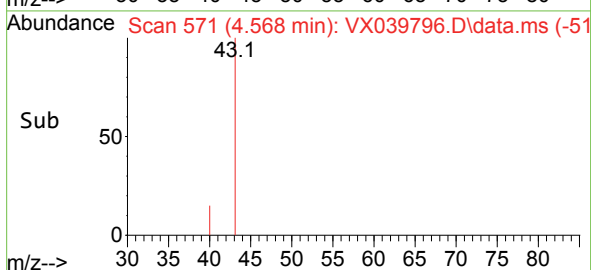
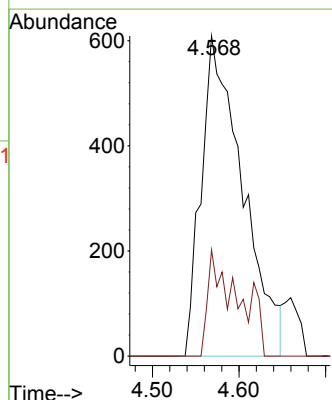
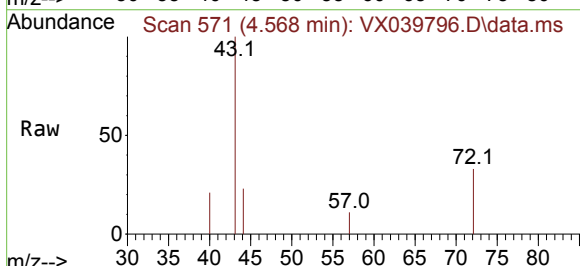
Acq: 17 Jan 2024 12:52

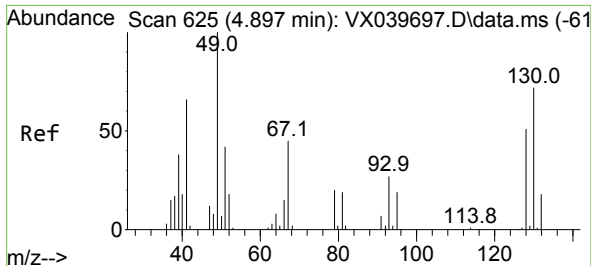
Tgt Ion: 43 Resp: 2011

Ion Ratio Lower Upper

43 100

72 33.2 19.4 29.2#

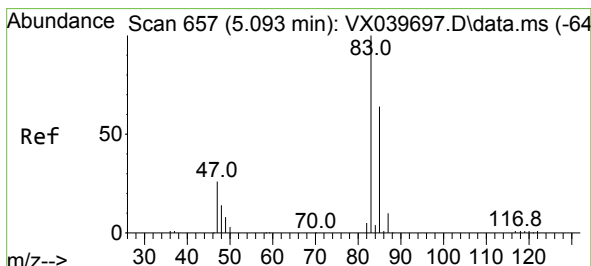
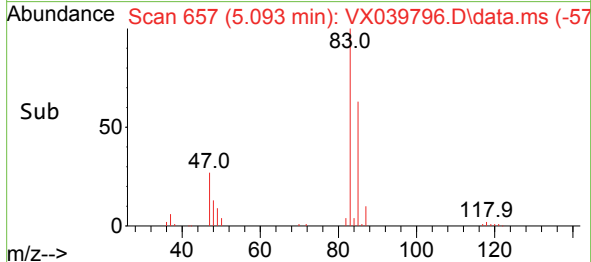
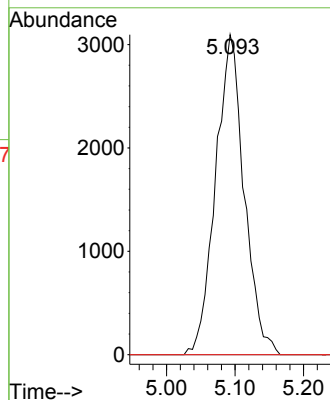
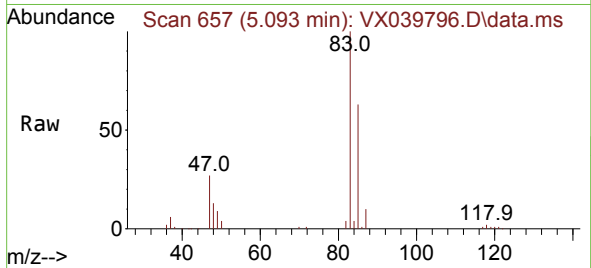




#28
Bromochloromethane
Concen: 8.091 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.195 min
Lab File: VX039796.D
Acq: 17 Jan 2024 12:52

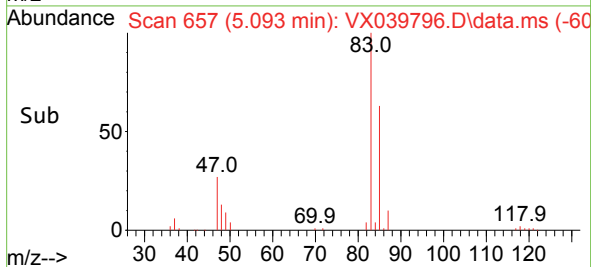
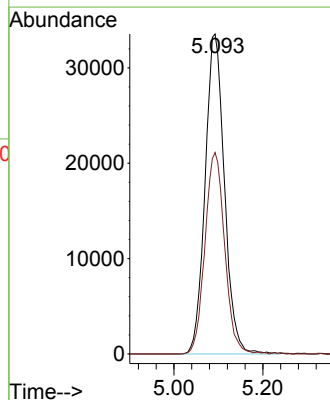
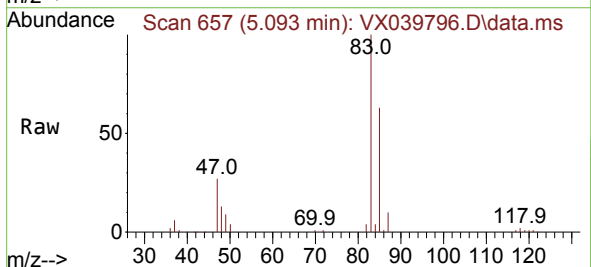
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-9-23-26

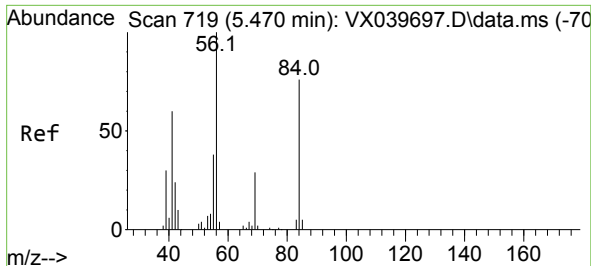
Tgt Ion: 49 Resp: 8966
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 57.5 86.3#



#30
Chloroform
Concen: 42.053 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX039796.D
Acq: 17 Jan 2024 12:52

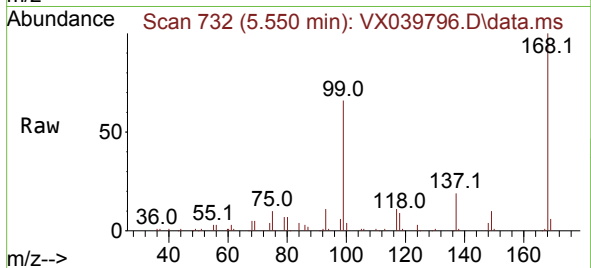
Tgt Ion: 83 Resp: 101484
Ion Ratio Lower Upper
83 100
85 62.9 50.3 75.5



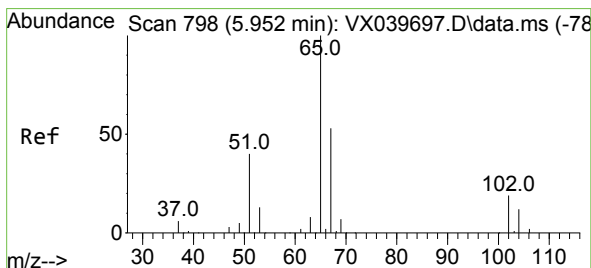
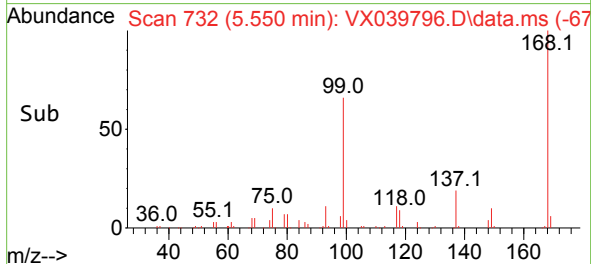
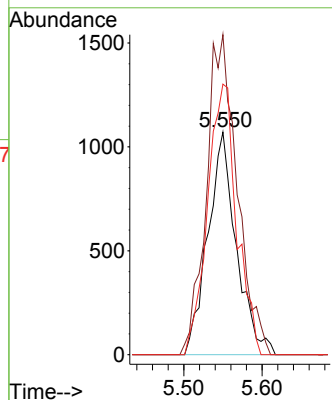


#31
Cyclohexane
Concen: 1.246 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX039796.D
Acq: 17 Jan 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-9-23-26

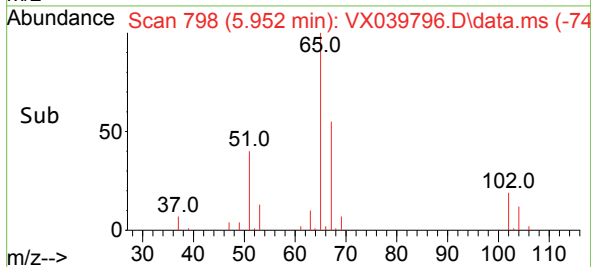
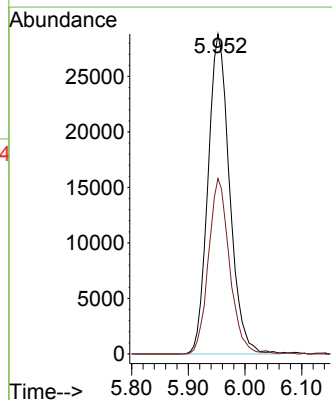
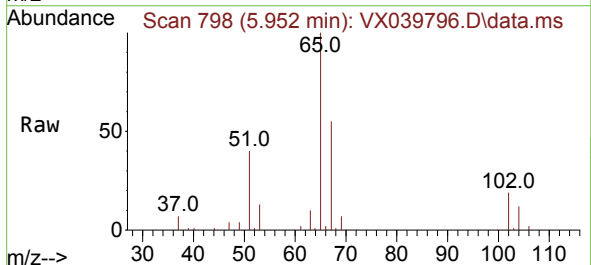


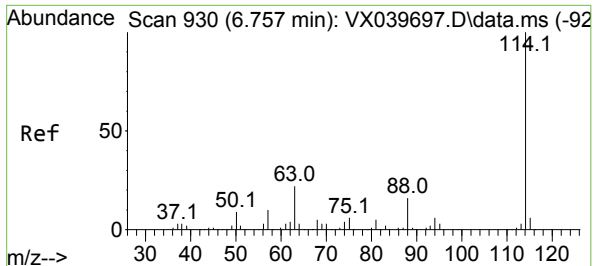
Tgt Ion: 56 Resp: 2707
Ion Ratio Lower Upper
56 100
69 143.8 23.4 35.2#
84 121.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.305 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039796.D
Acq: 17 Jan 2024 12:52

Tgt Ion: 65 Resp: 76246
Ion Ratio Lower Upper
65 100
67 53.5 0.0 100.2

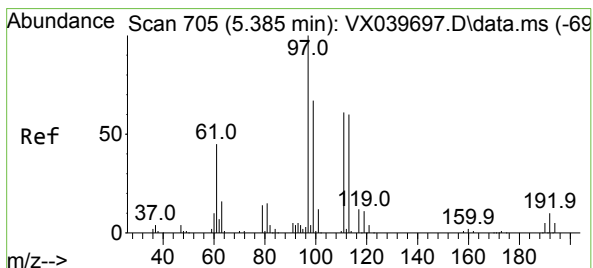
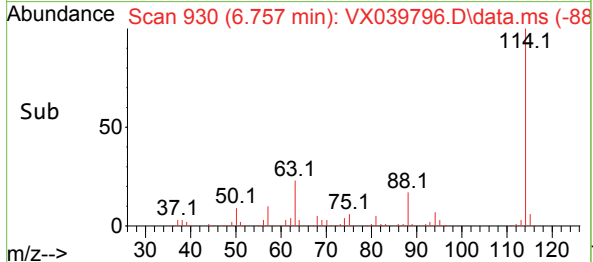
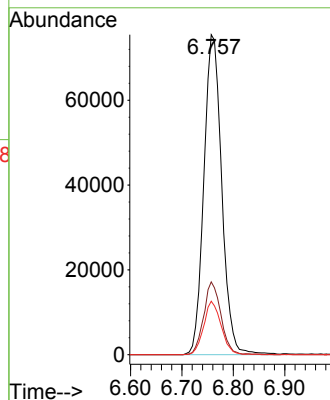
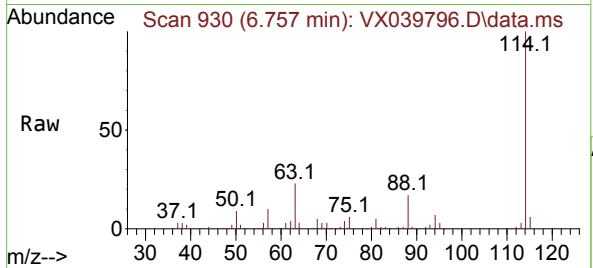




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039796.D
Acq: 17 Jan 2024 12:52

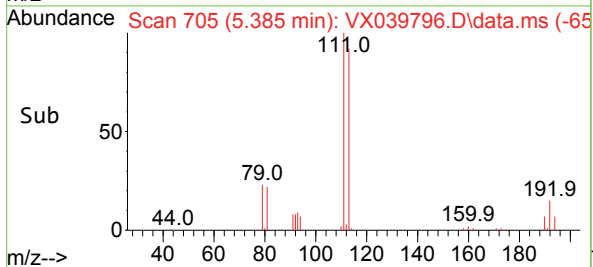
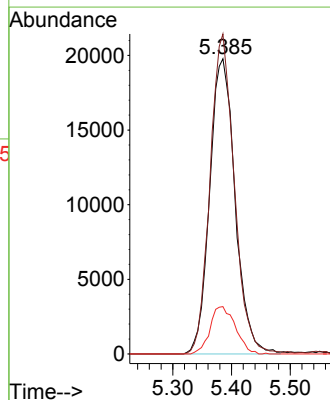
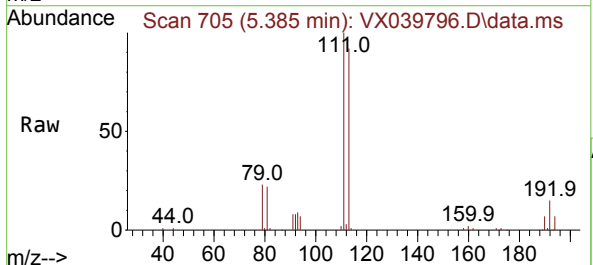
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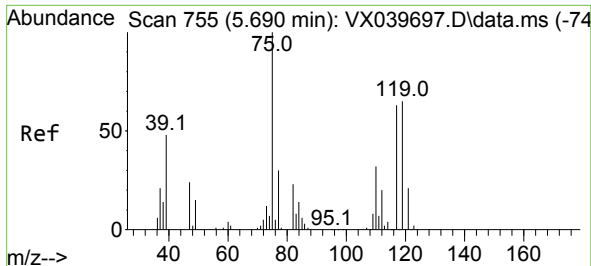
Tgt Ion:114 Resp: 182308
Ion Ratio Lower Upper
114 100
63 22.8 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.442 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039796.D
Acq: 17 Jan 2024 12:52

Tgt Ion:113 Resp: 59483
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 16.0 13.3 19.9

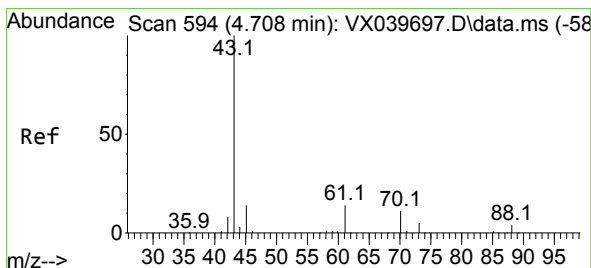
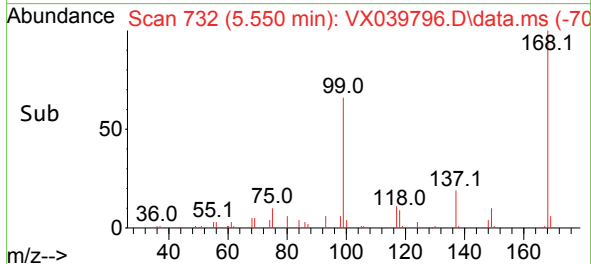
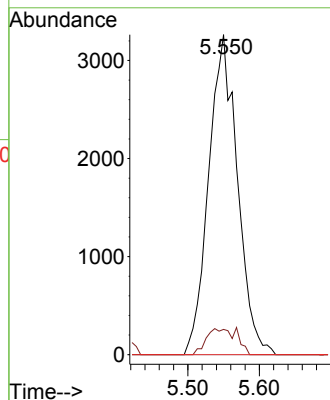
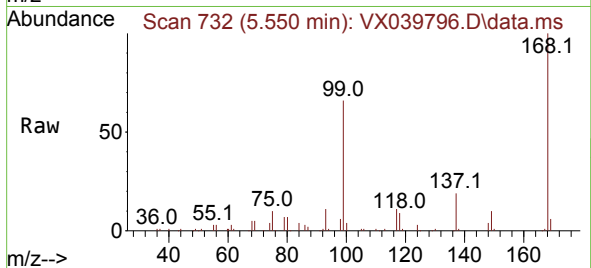




#36
1,1-Dichloropropene
Concen: 4.761 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX039796.D
Acq: 17 Jan 2024 12:52

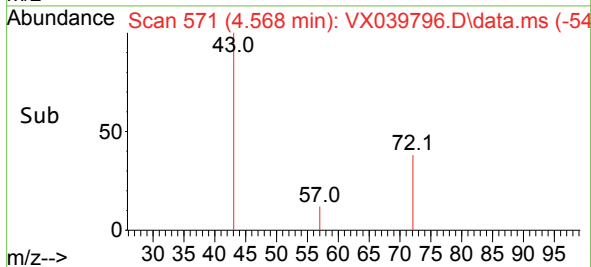
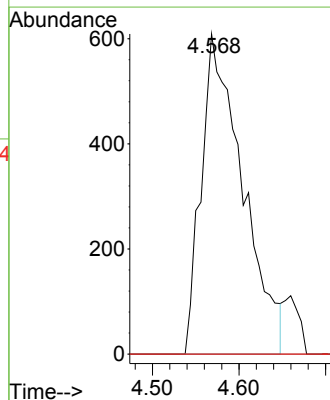
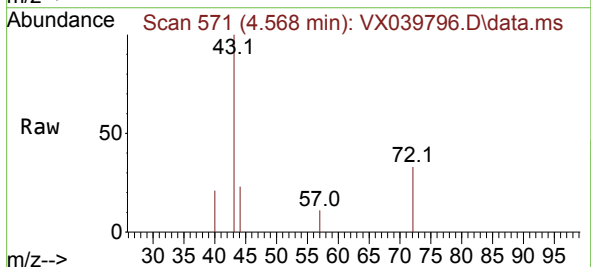
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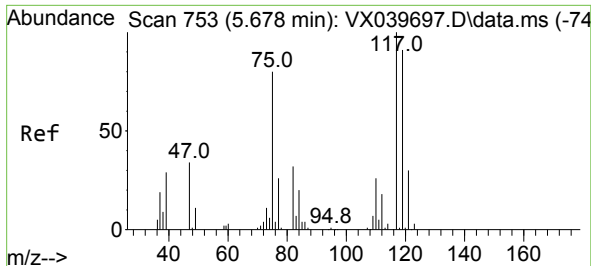
Tgt Ion: 75 Resp: 9100
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.789 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.140 min
Lab File: VX039796.D
Acq: 17 Jan 2024 12:52

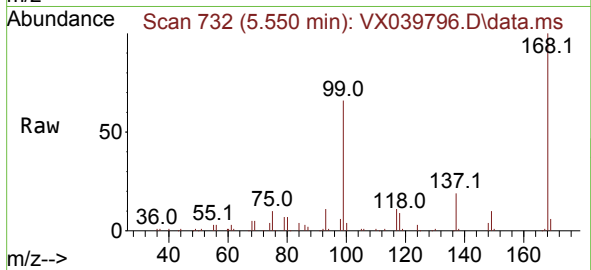
Tgt Ion: 43 Resp: 2011
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#



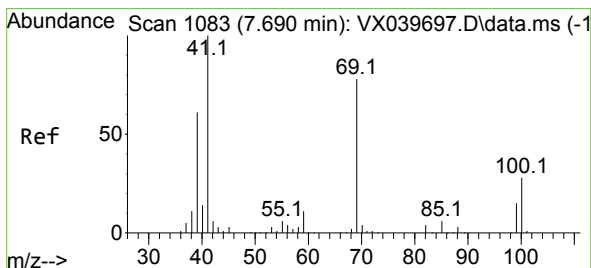
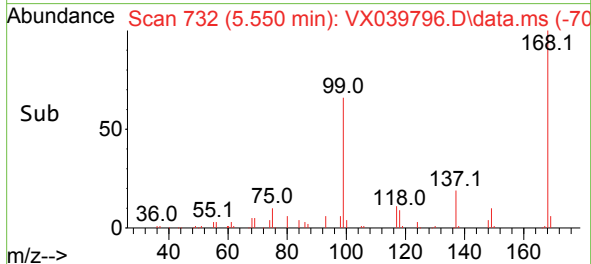
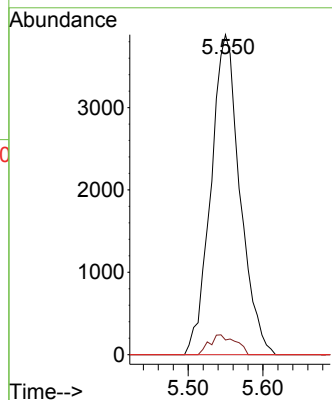


#38
Carbon Tetrachloride
Concen: 6.007 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039796.D
Acq: 17 Jan 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-9-23-26

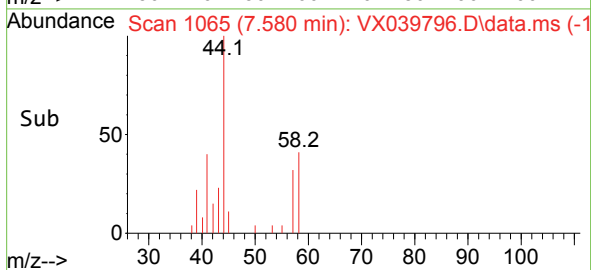
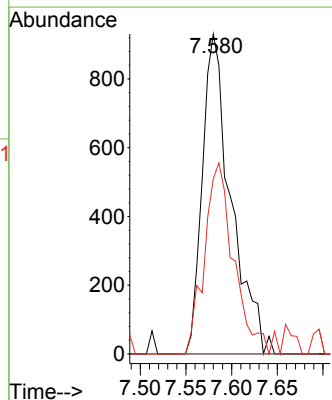
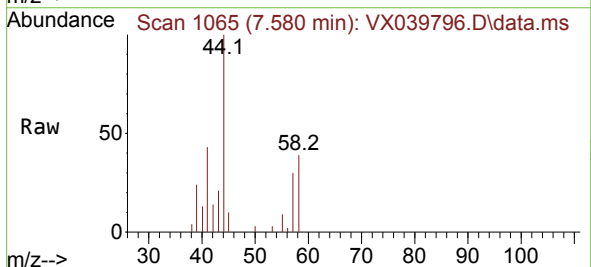


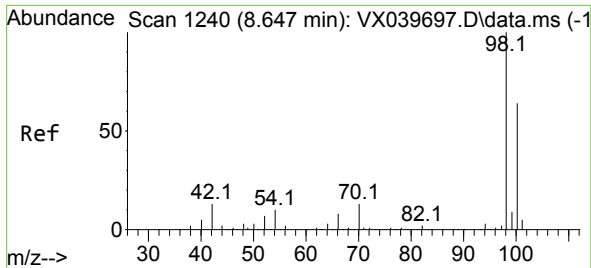
Tgt Ion:117 Resp: 10515
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#



#48
Methyl methacrylate
Concen: 1.103 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.110 min
Lab File: VX039796.D
Acq: 17 Jan 2024 12:52

Tgt Ion: 41 Resp: 2028
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 60.6 47.7 71.5

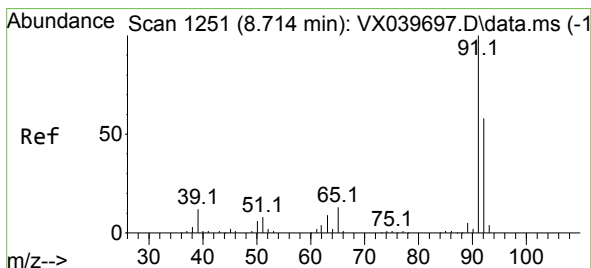
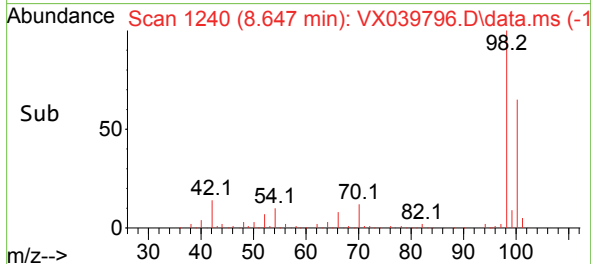
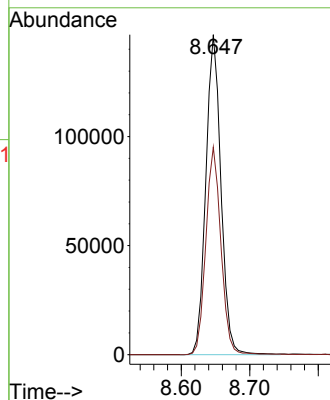
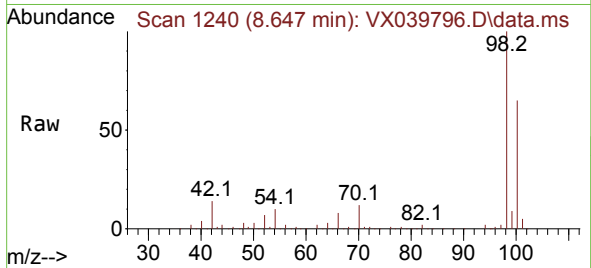




#50
Toluene-d8
Concen: 48.704 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039796.D
Acq: 17 Jan 2024 12:52

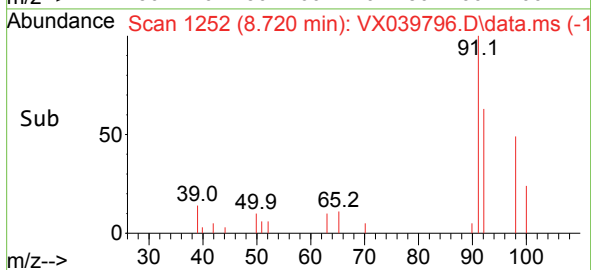
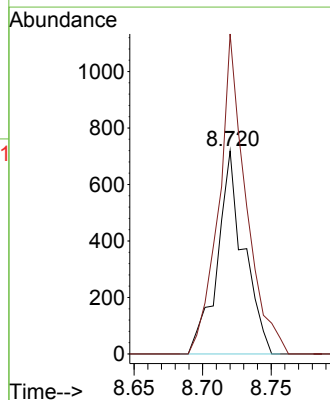
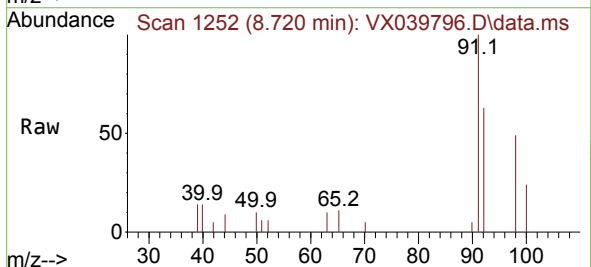
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-9-23-26

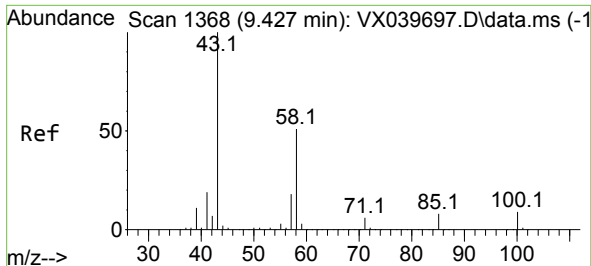
Tgt Ion: 98 Resp: 225558
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7



#52
Toluene
Concen: 0.297 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX039796.D
Acq: 17 Jan 2024 12:52

Tgt Ion: 92 Resp: 961
Ion Ratio Lower Upper
92 100
91 162.2 134.2 201.2

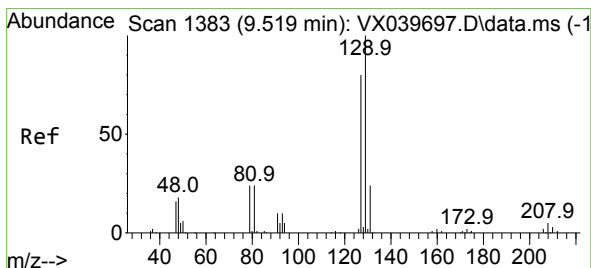
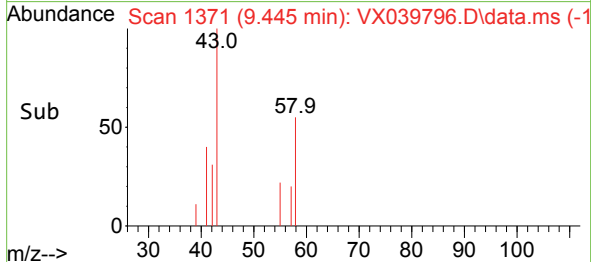
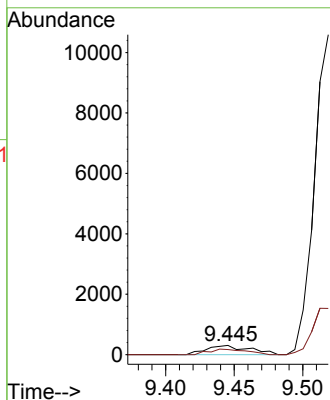
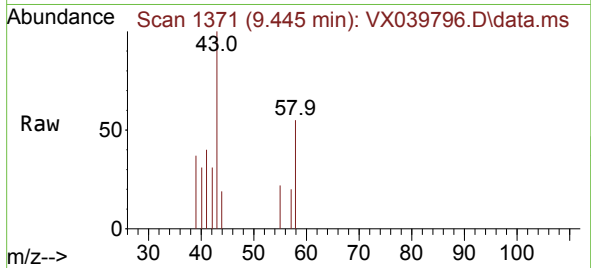




#59
2-Hexanone
Concen: 0.331 ug/l
RT: 9.445 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX039796.D
Acq: 17 Jan 2024 12:52

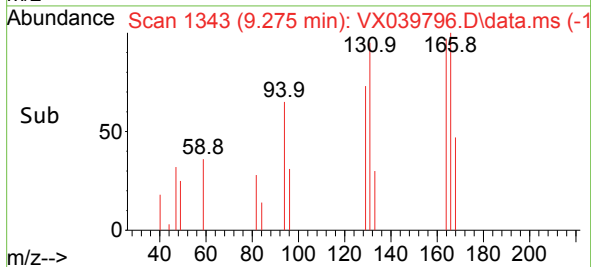
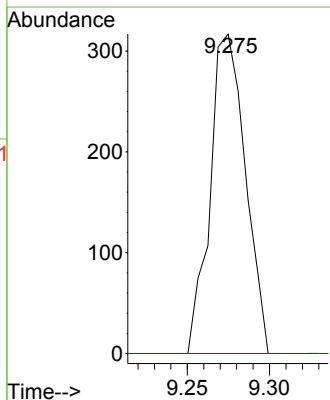
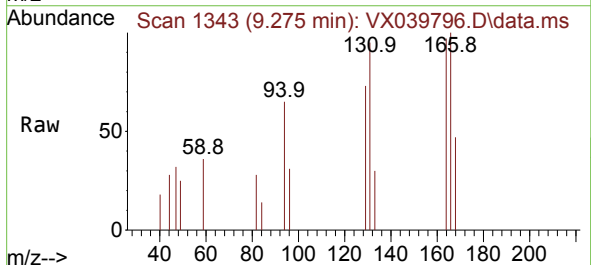
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-9-23-26

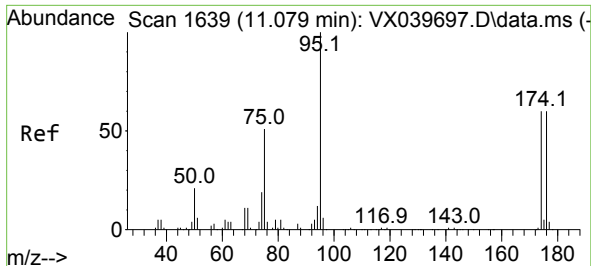
Tgt Ion: 43 Resp: 675
Ion Ratio Lower Upper
43 100
58 52.1 26.2 78.5



#60
Dibromochloromethane
Concen: 0.364 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX039796.D
Acq: 17 Jan 2024 12:52

Tgt Ion: 129 Resp: 473
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

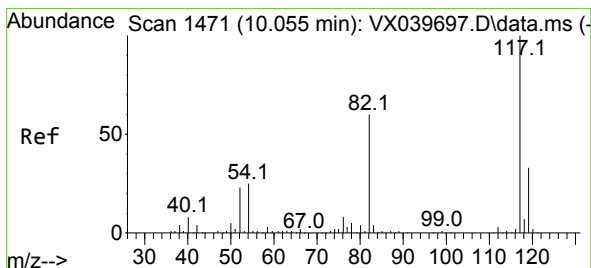
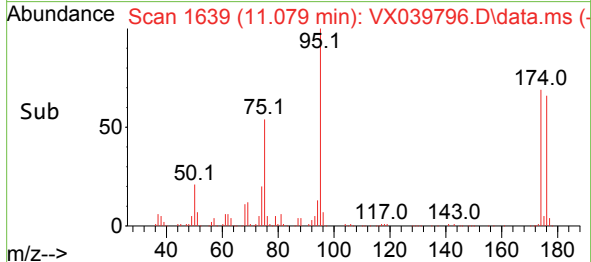
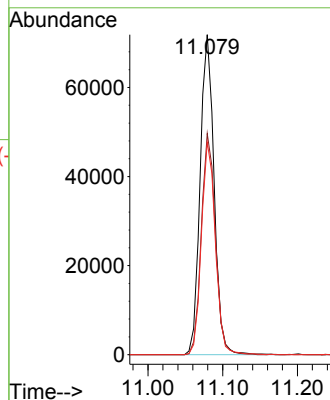
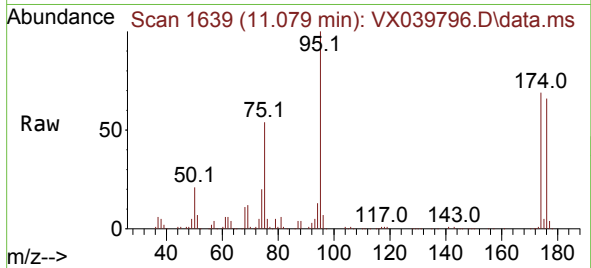




#62
4-Bromofluorobenzene
Concen: 51.287 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039796.D
Acq: 17 Jan 2024 12:52

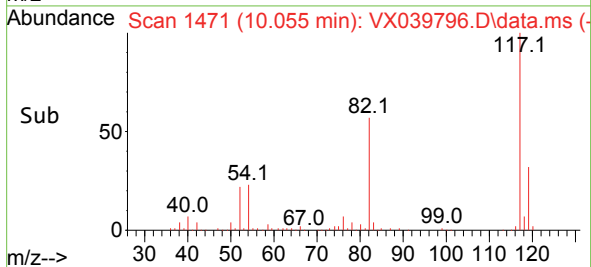
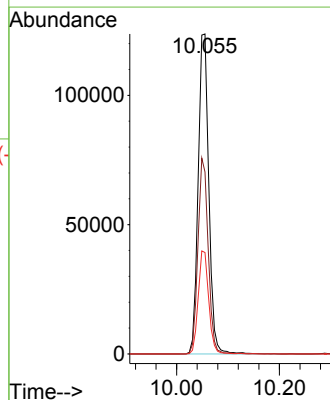
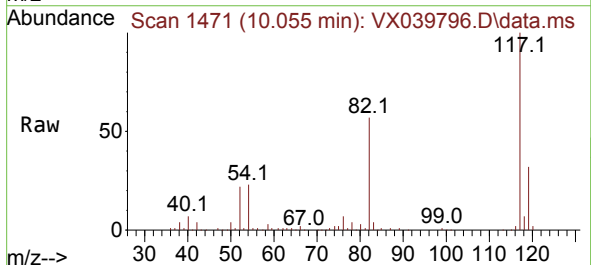
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-9-23-26

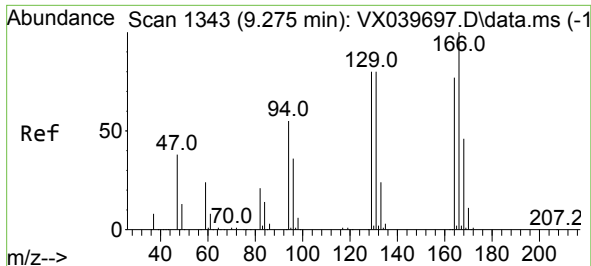
Tgt Ion: 95 Resp: 92881
Ion Ratio Lower Upper
95 100
174 70.1 0.0 135.6
176 66.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039796.D
Acq: 17 Jan 2024 12:52

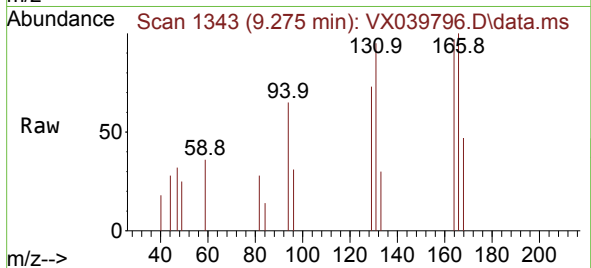
Tgt Ion: 117 Resp: 178006
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.4
119 31.7 25.5 38.3



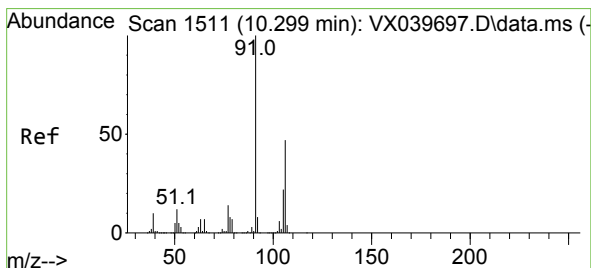
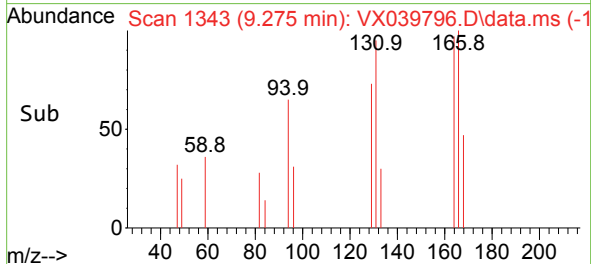
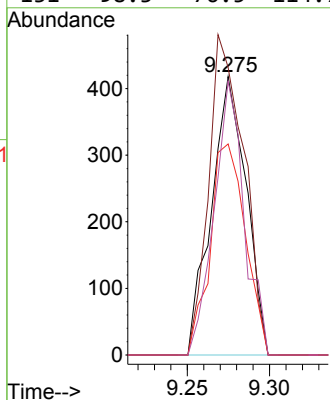


#64
Tetrachloroethene
Concen: 0.533 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039796.D
Acq: 17 Jan 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-9-23-26

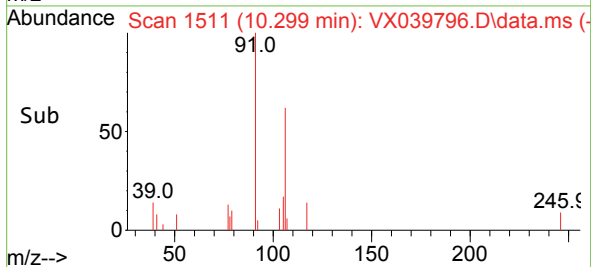
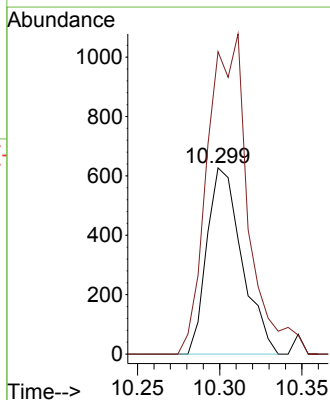
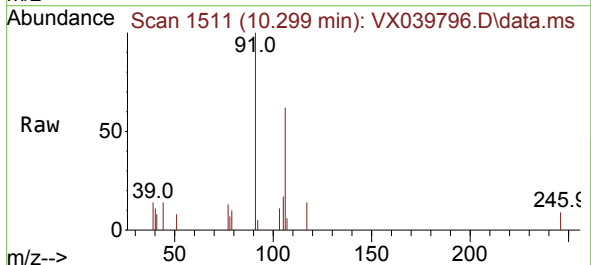


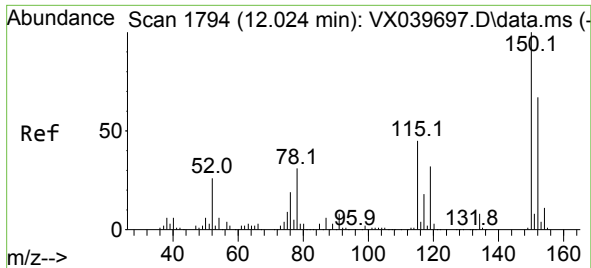
Tgt Ion:164 Resp: 617
Ion Ratio Lower Upper
164 100
166 103.3 102.7 154.1
129 75.8 80.4 120.6#
131 98.3 76.5 114.7



#68
m/p-Xylenes
Concen: 0.367 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039796.D
Acq: 17 Jan 2024 12:52

Tgt Ion:106 Resp: 929
Ion Ratio Lower Upper
106 100
91 199.4 165.5 248.3

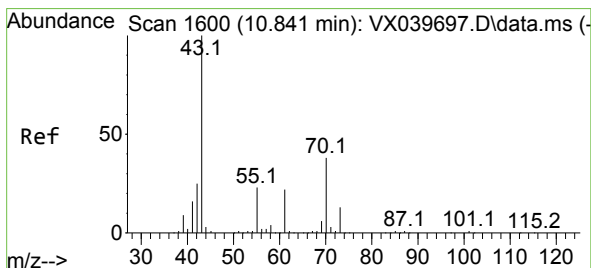
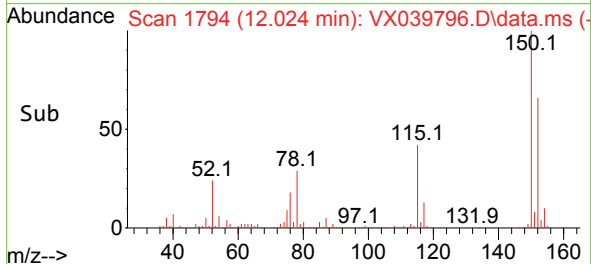
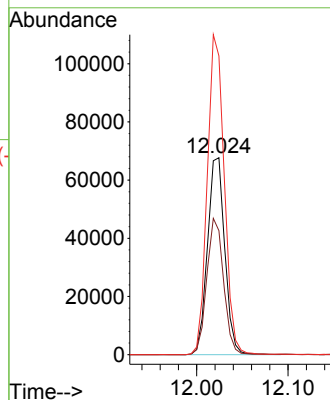
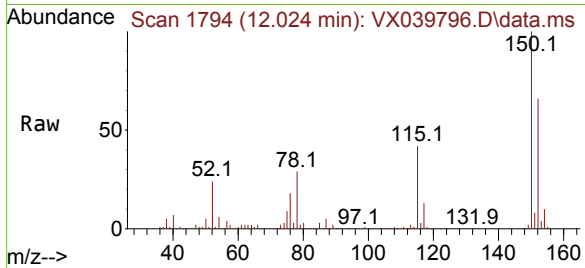




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX039796.D
 Acq: 17 Jan 2024 12:52

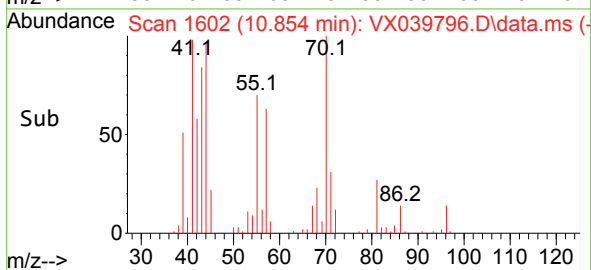
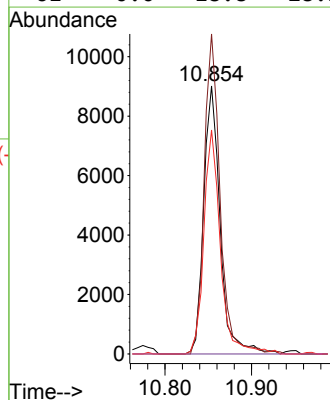
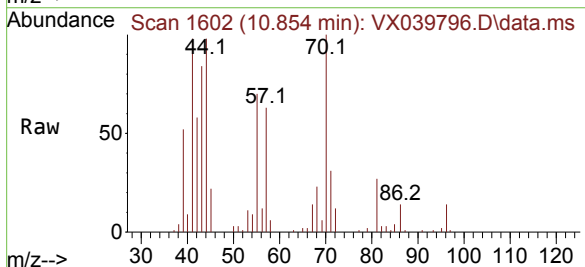
Instrument :
 MSVOA_X
 ClientSampleId :
 SUMOGW-9-23-26

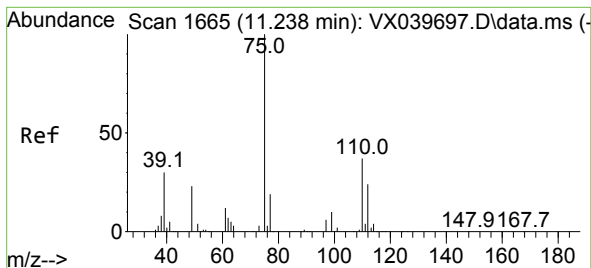
Tgt Ion:152 Resp: 89037
 Ion Ratio Lower Upper
 152 100
 115 67.3 43.3 129.9
 150 159.0 0.0 345.0



#74
 N-ethyl acetate
 Concen: 3.225 ug/l
 RT: 10.854 min Scan# 1602
 Delta R.T. 0.012 min
 Lab File: VX039796.D
 Acq: 17 Jan 2024 12:52

Tgt Ion: 43 Resp: 11915
 Ion Ratio Lower Upper
 43 100
 70 115.3 32.9 49.3#
 55 84.0 19.3 28.9#
 61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 21.898 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039796.D

Acq: 17 Jan 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

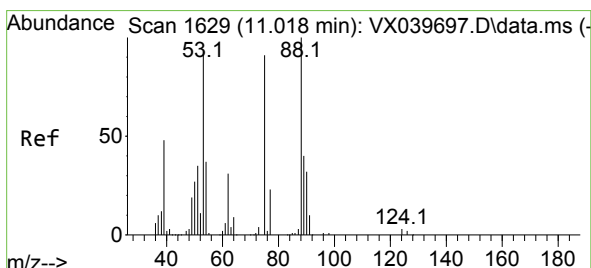
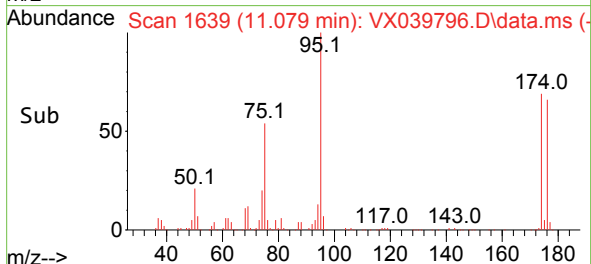
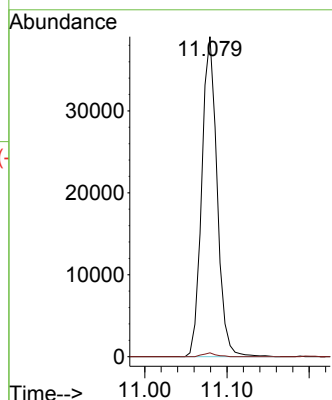
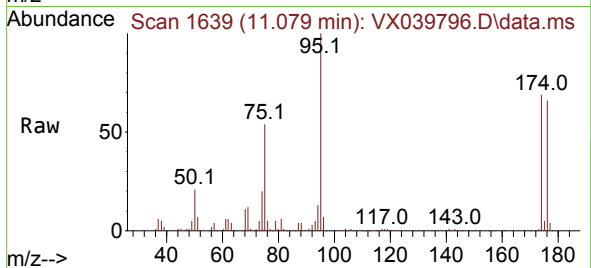
SUMOGW-9-23-26

Tgt Ion: 75 Resp: 50549

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.582 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039796.D

Acq: 17 Jan 2024 12:52

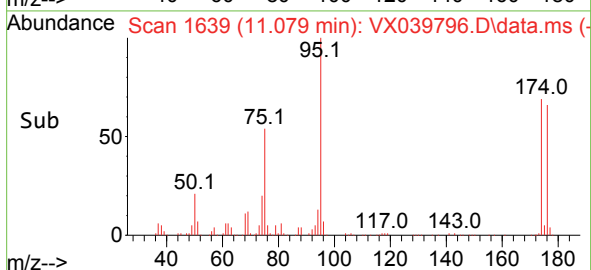
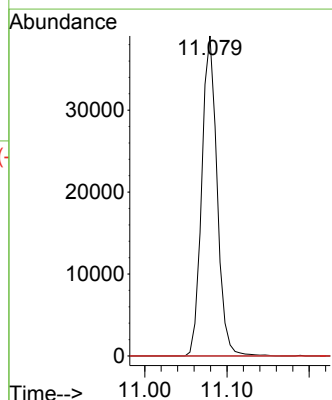
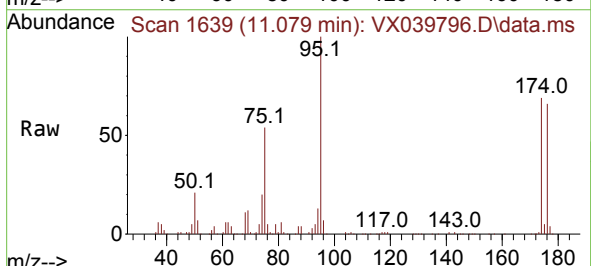
Tgt Ion: 75 Resp: 50549

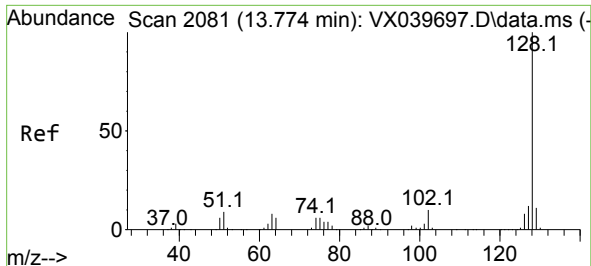
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#95

Naphthalene

Concen: 0.330 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX039796.D

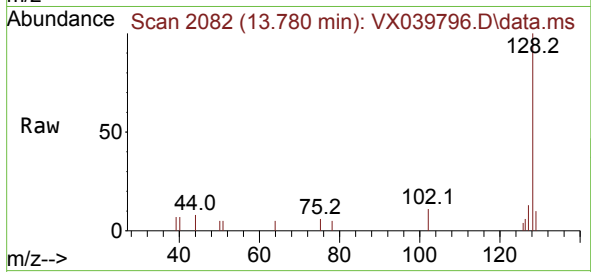
Acq: 17 Jan 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:128 Resp: 2220

Ion Ratio Lower Upper

128 100

127 10.6 10.3 15.5

129 12.2 8.8 13.2

