

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011724\
 Data File : VX039795.D
 Acq On : 17 Jan 2024 12:30
 Operator : JC/MD
 Sample : P1156-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SUMOGW-9-37-40

Quant Time: Jan 18 02:41:08 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)

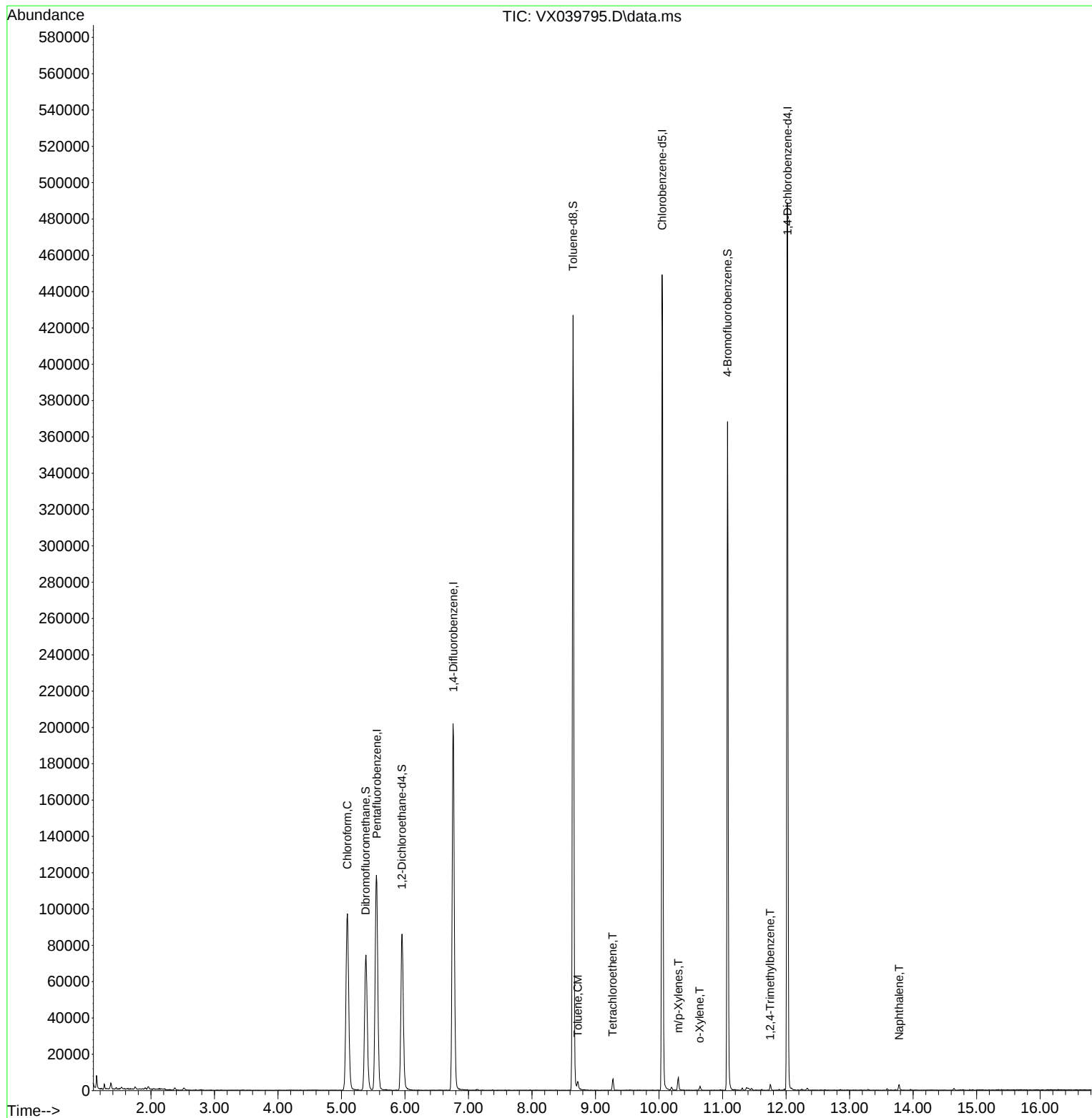
Internal Standards						
1) Pentafluorobenzene	5.556	168	107665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199126	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	193295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82881	45.954	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.900%
35) Dibromofluoromethane	5.379	113	64749	48.277	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.560%
50) Toluene-d8	8.647	98	245266	48.487	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.980%
62) 4-Bromofluorobenzene	11.079	95	98038	49.562	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.120%
Target Compounds						
					Qvalue	
30) Chloroform	5.092	83	115458	43.680	ug/l	97
52) Toluene	8.720	92	1440	0.408	ug/l	81
64) Tetrachloroethene	9.268	164	727	0.578	ug/l	93
68) m/p-Xylenes	10.305	106	1797	0.654	ug/l	93
69) o-Xylene	10.640	106	585	0.215	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	1656	0.260	ug/l	97
95) Naphthalene	13.780	128	2315	0.324	ug/l	95

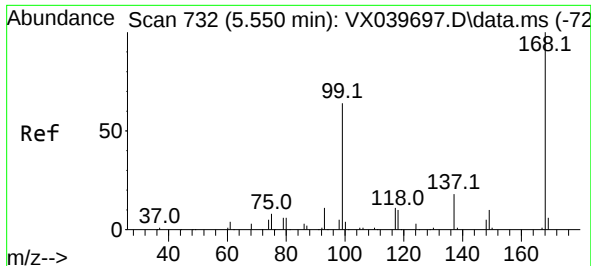
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
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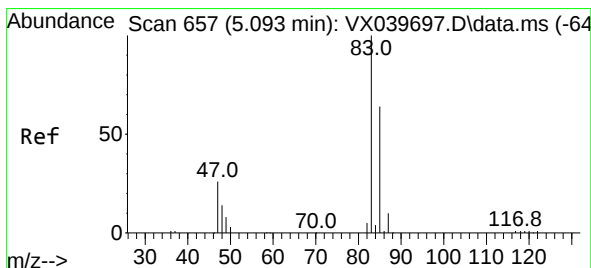
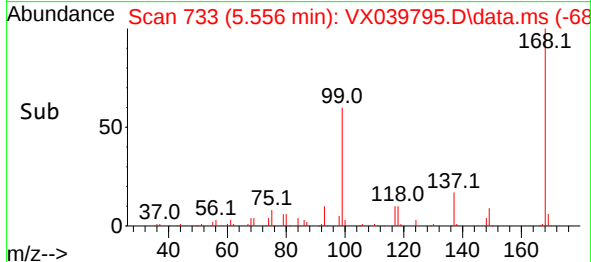
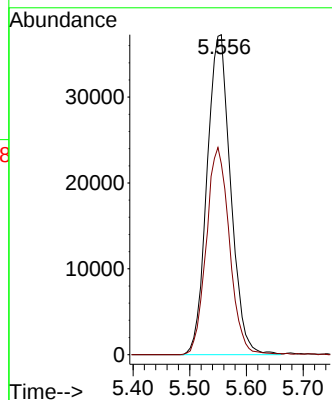
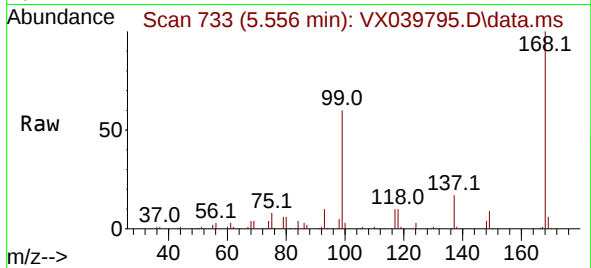




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039795.D
Acq: 17 Jan 2024 12:30

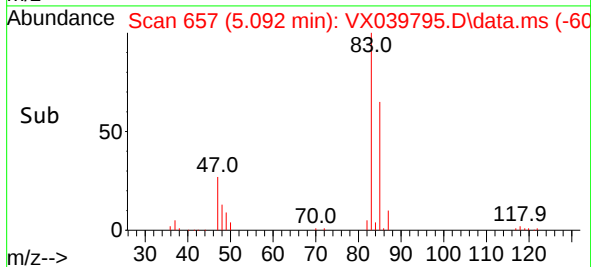
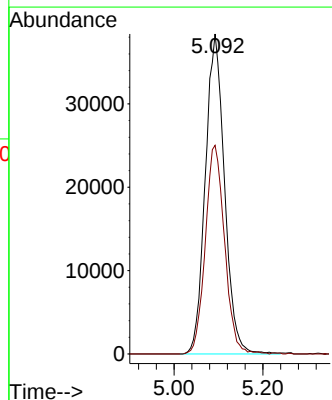
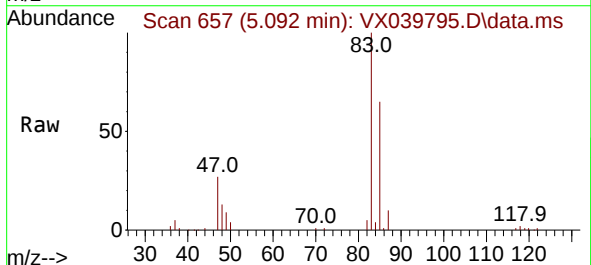
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-9-37-40

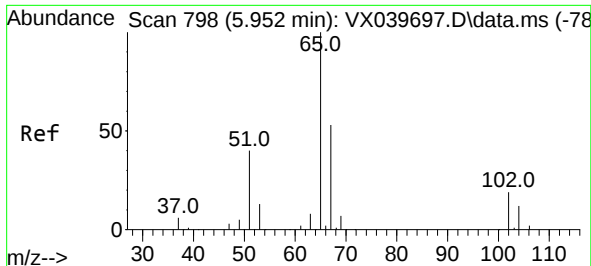
Tgt Ion:168 Resp: 107665
Ion Ratio Lower Upper
168 100
99 59.7 56.6 85.0



#30
Chloroform
Concen: 43.680 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX039795.D
Acq: 17 Jan 2024 12:30

Tgt Ion: 83 Resp: 115458
Ion Ratio Lower Upper
83 100
85 65.2 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 45.954 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039795.D

Acq: 17 Jan 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

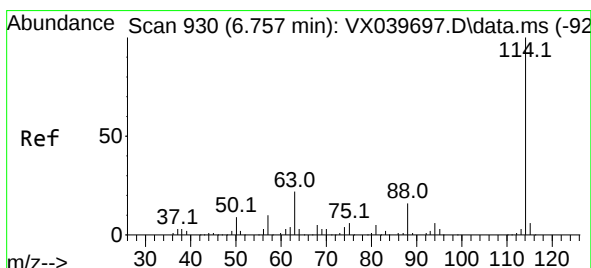
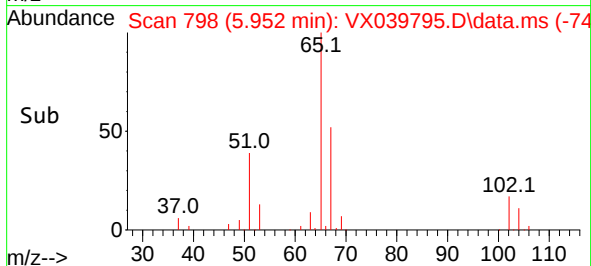
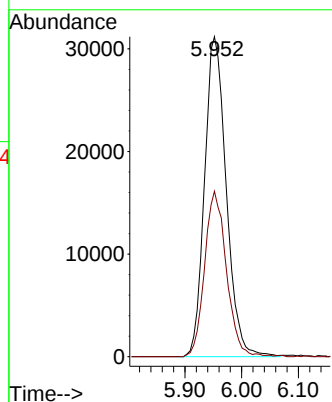
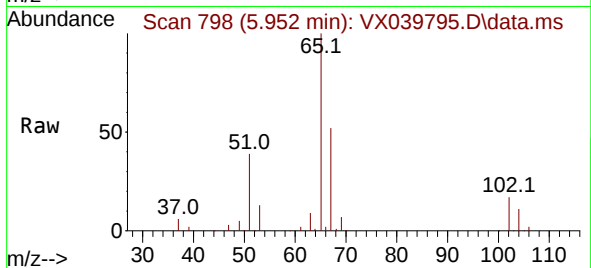
SUMOGW-9-37-40

Tgt Ion: 65 Resp: 82881

Ion Ratio Lower Upper

65 100

67 51.9 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: VX039795.D

Acq: 17 Jan 2024 12:30

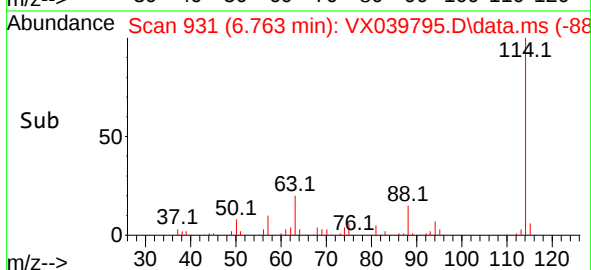
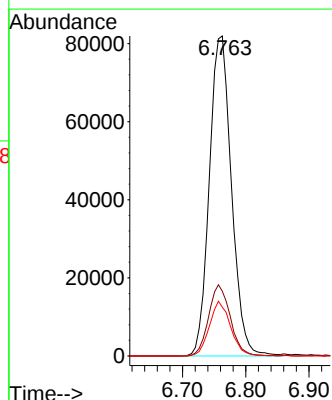
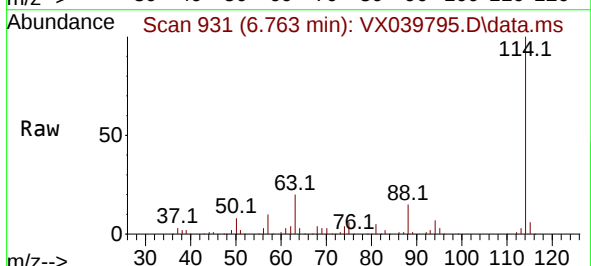
Tgt Ion: 114 Resp: 199126

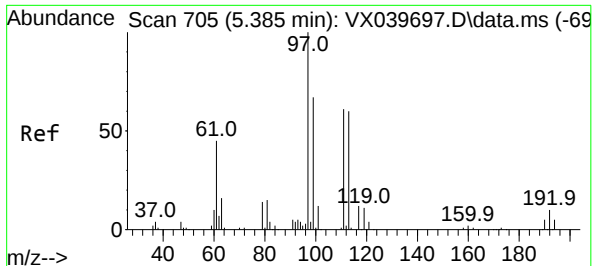
Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.0

88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.277 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX039795.D

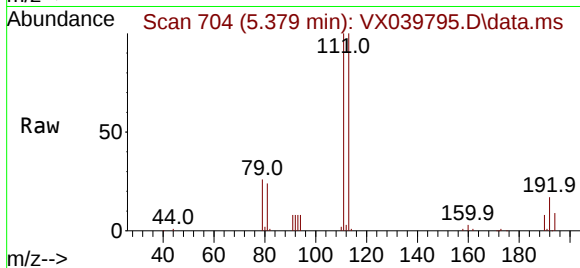
Acq: 17 Jan 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-9-37-40



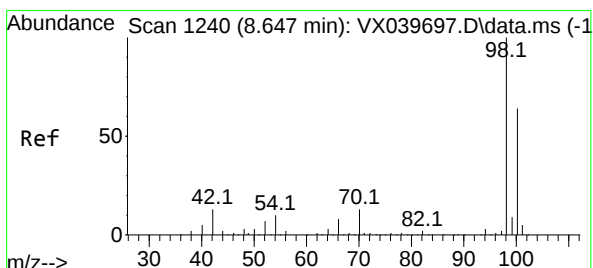
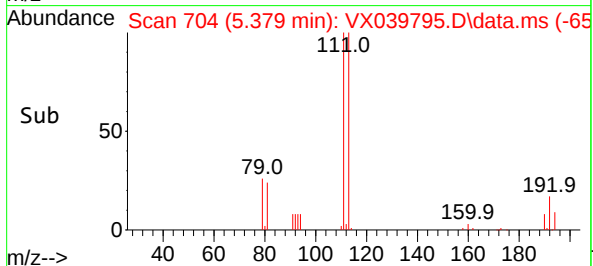
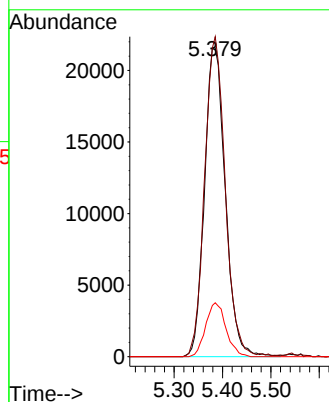
Tgt Ion:113 Resp: 64749

Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

192 17.0 13.3 19.9



#50

Toluene-d8

Concen: 48.487 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX039795.D

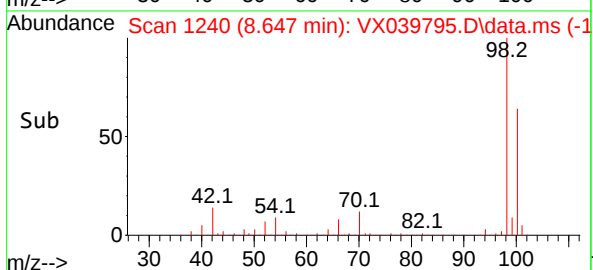
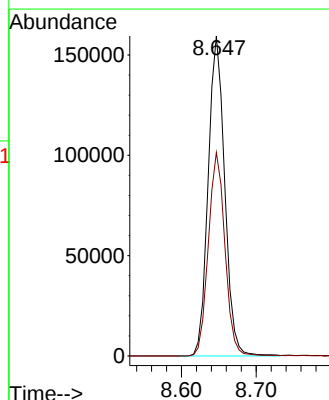
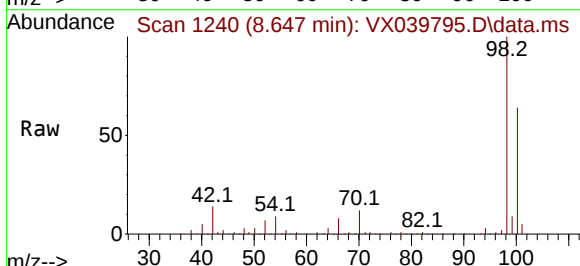
Acq: 17 Jan 2024 12:30

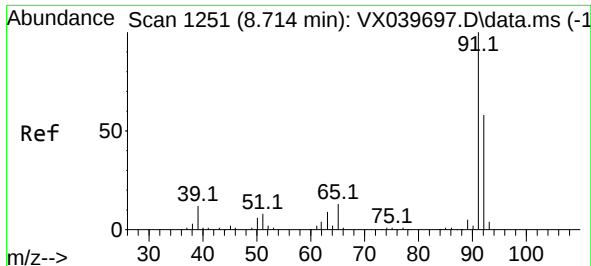
Tgt Ion: 98 Resp: 245266

Ion Ratio Lower Upper

98 100

100 63.7 53.1 79.7

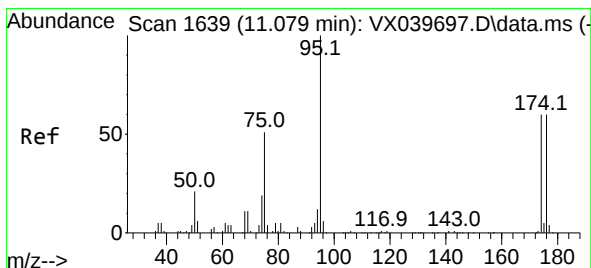
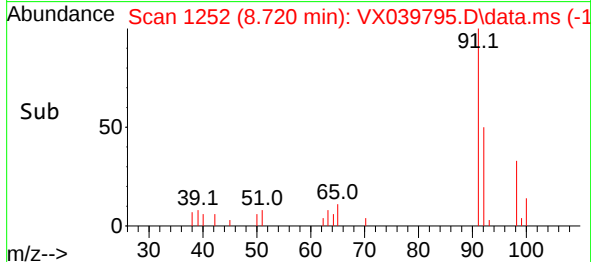
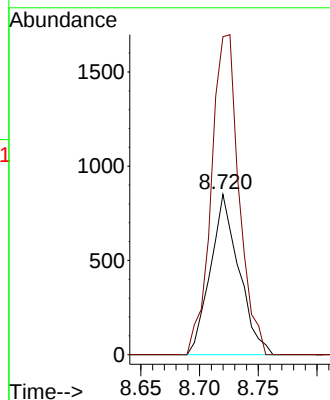
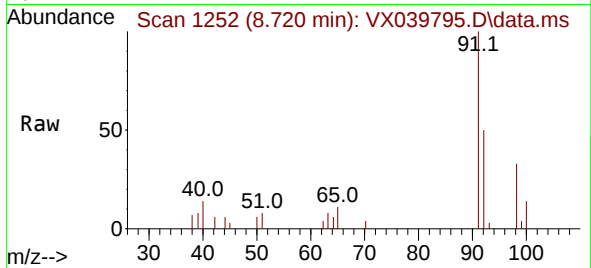




#52
Toluene
Concen: 0.408 ug/l
RT: 8.720 min Scan# 1251
Delta R.T. 0.006 min
Lab File: VX039795.D
Acq: 17 Jan 2024 12:30

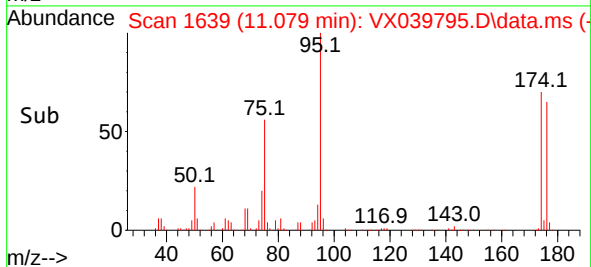
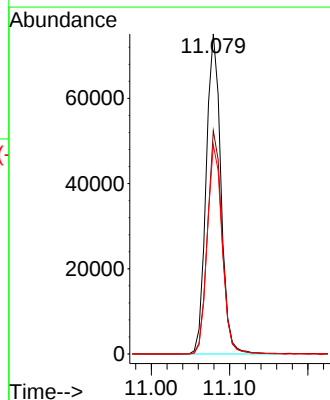
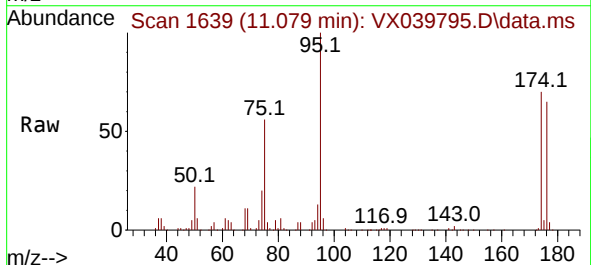
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-9-37-40

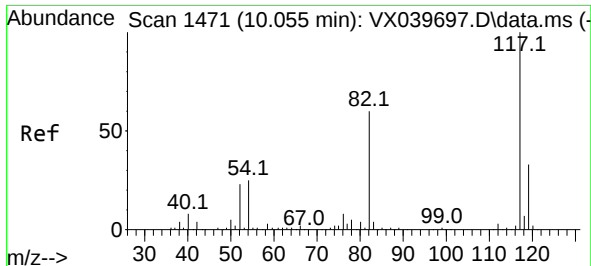
Tgt Ion: 92 Resp: 1440
Ion Ratio Lower Upper
92 100
91 194.0 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 49.562 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039795.D
Acq: 17 Jan 2024 12:30

Tgt Ion: 95 Resp: 98038
Ion Ratio Lower Upper
95 100
174 68.8 0.0 135.6
176 66.0 0.0 131.0

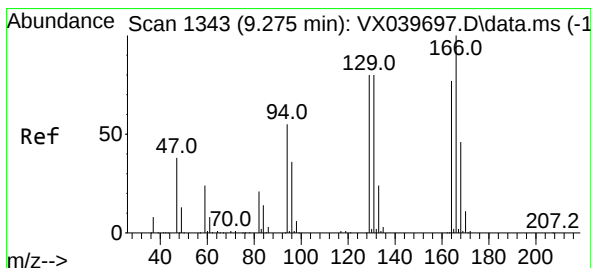
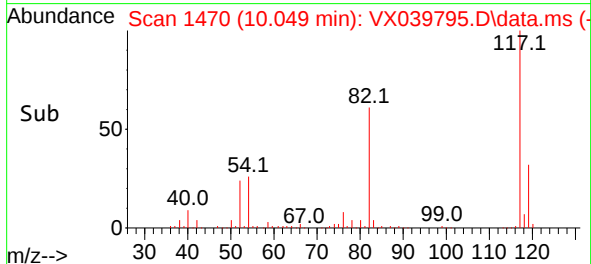
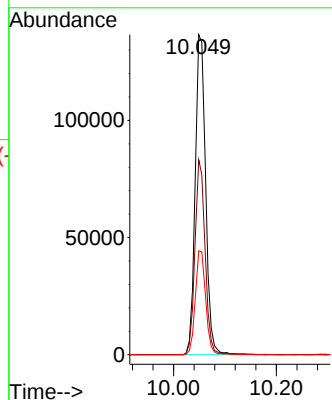
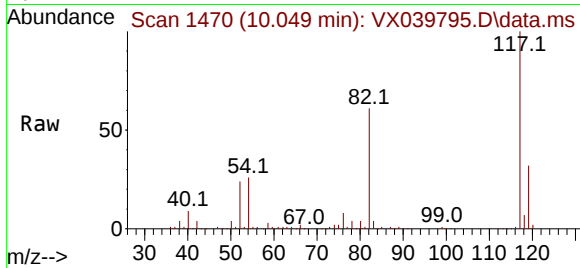




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039795.D
Acq: 17 Jan 2024 12:30

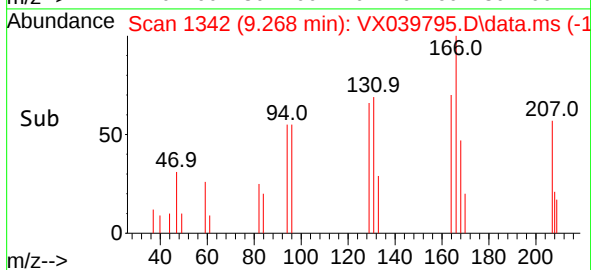
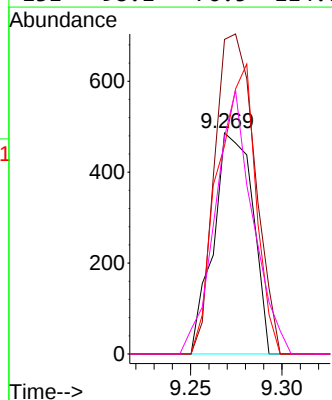
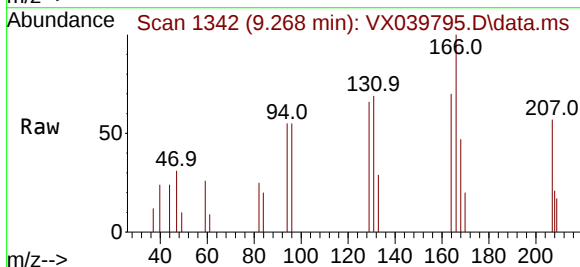
Instrument :
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ClientSampleId :
SUMOGW-9-37-40

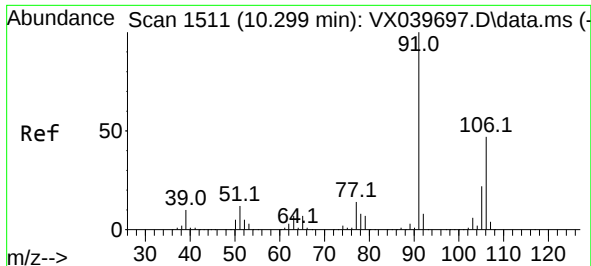
Tgt Ion:117 Resp: 193295
Ion Ratio Lower Upper
117 100
82 60.9 46.2 69.4
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 0.578 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039795.D
Acq: 17 Jan 2024 12:30

Tgt Ion:164 Resp: 727
Ion Ratio Lower Upper
164 100
166 142.4 102.7 154.1
129 94.2 80.4 120.6
131 98.1 76.5 114.7

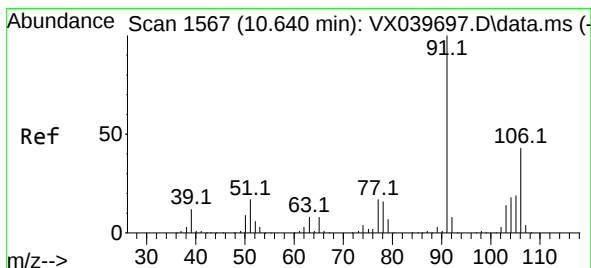
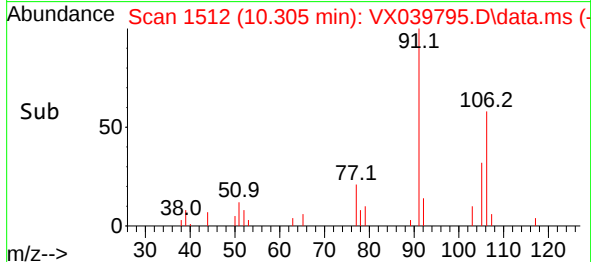
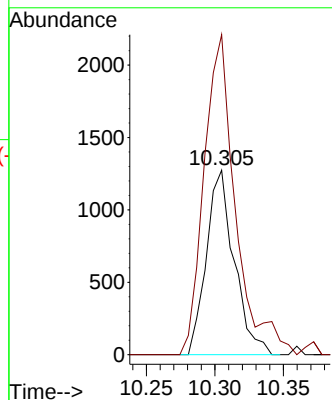
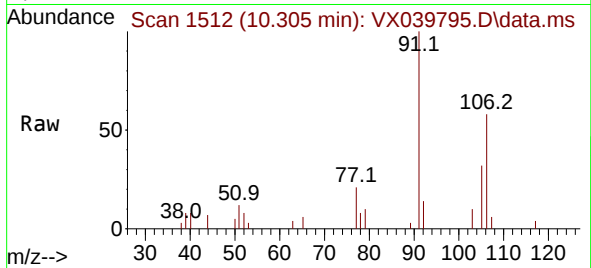




#68
m/p-Xylenes
Concen: 0.654 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX039795.D
Acq: 17 Jan 2024 12:30

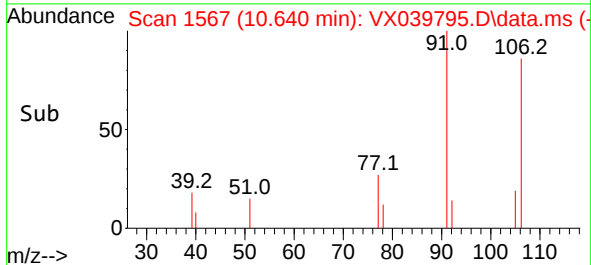
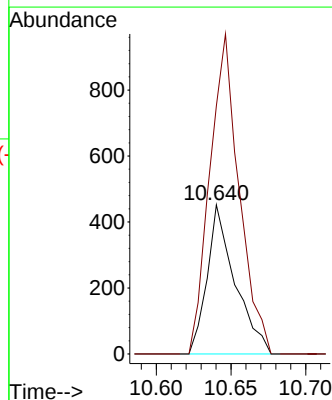
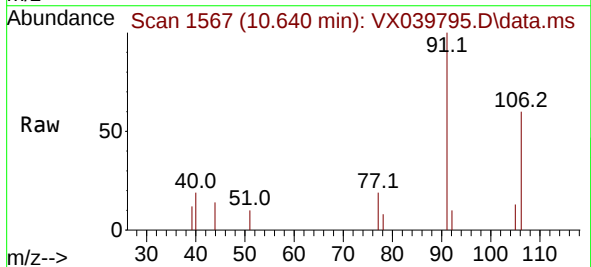
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-9-37-40

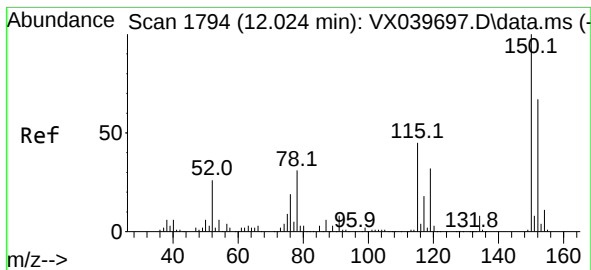
Tgt Ion:106 Resp: 1797
Ion Ratio Lower Upper
106 100
91 196.2 165.5 248.3



#69
o-Xylene
Concen: 0.215 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX039795.D
Acq: 17 Jan 2024 12:30

Tgt Ion:106 Resp: 585
Ion Ratio Lower Upper
106 100
91 226.3 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039795.D

Acq: 17 Jan 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-9-37-40

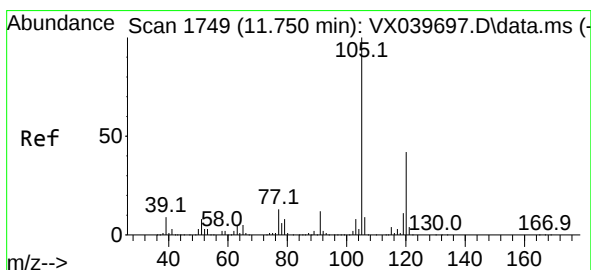
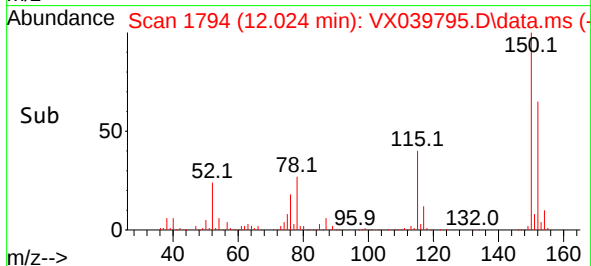
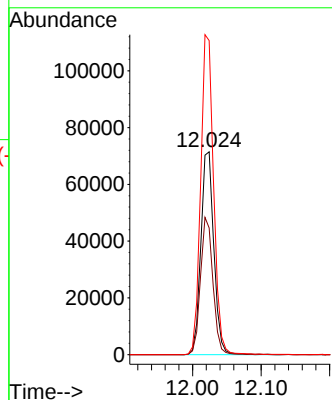
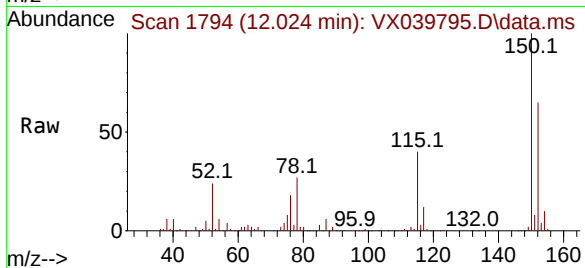
Tgt Ion:152 Resp: 94482

Ion Ratio Lower Upper

152 100

115 64.8 43.3 129.9

150 156.8 0.0 345.0



#84

1,2,4-Trimethylbenzene

Concen: 0.260 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX039795.D

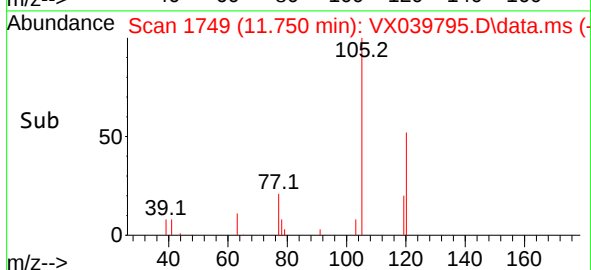
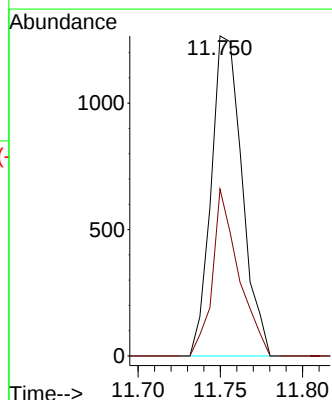
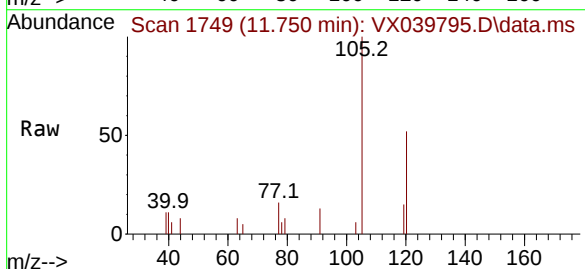
Acq: 17 Jan 2024 12:30

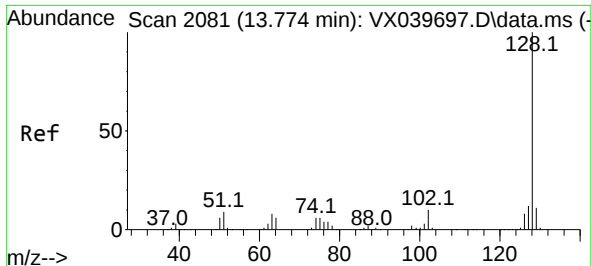
Tgt Ion:105 Resp: 1656

Ion Ratio Lower Upper

105 100

120 44.0 21.2 63.6





#95

Naphthalene

Concen: 0.324 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX039795.D

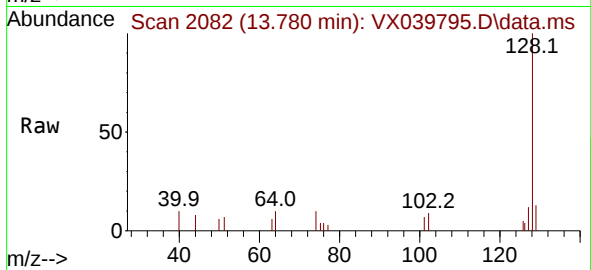
Acq: 17 Jan 2024 12:30

Instrument :

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Tgt Ion:128 Resp: 2315

Ion Ratio Lower Upper

128 100

127 10.8 10.3 15.5

129 9.1 8.8 13.2

