

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092424\
 Data File : VX043126.D
 Acq On : 24 Sep 2024 16:35
 Operator : JC/MD
 Sample : P4164-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D-20240919

Quant Time: Sep 25 01:32:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

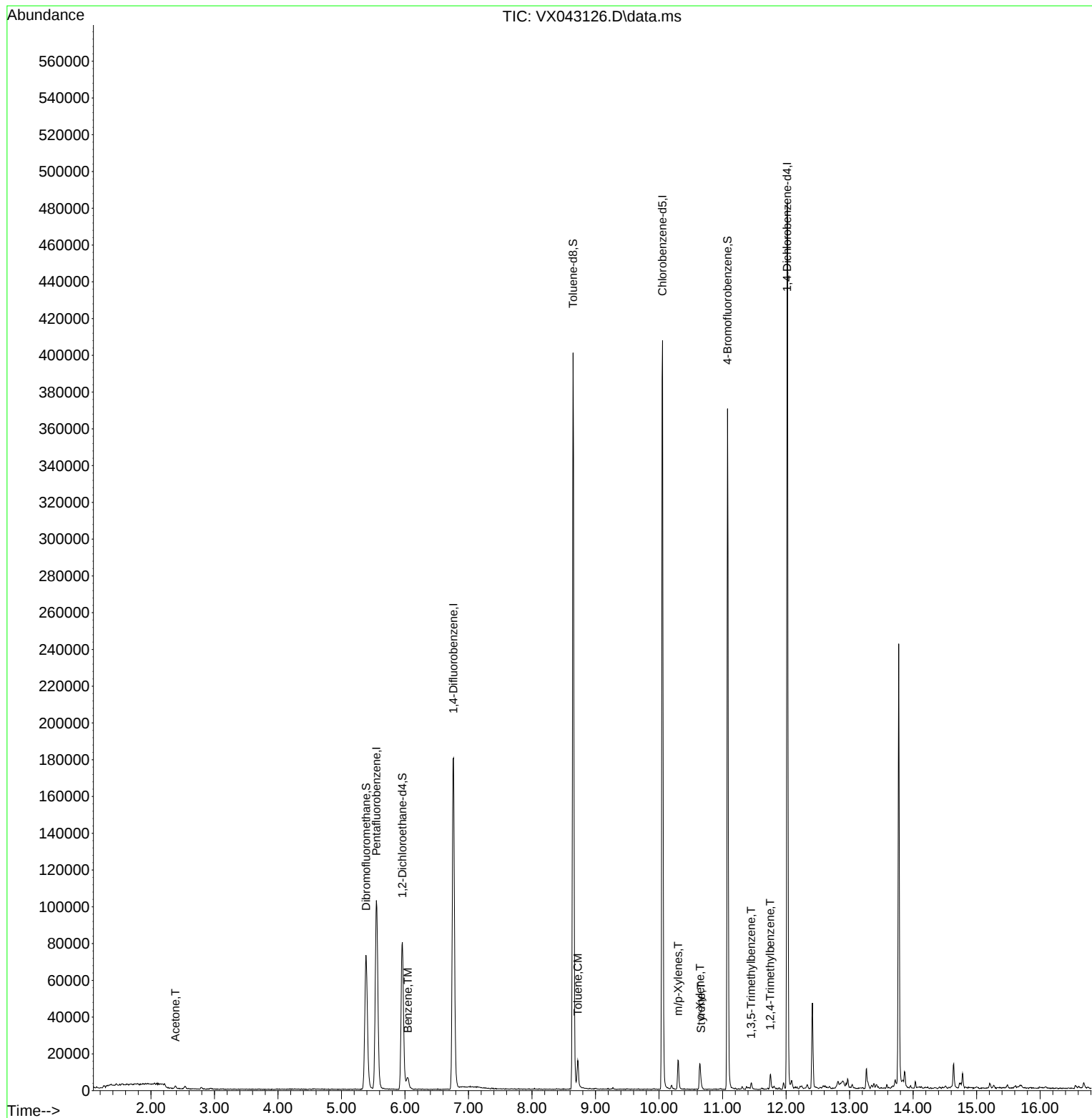
Internal Standards						
1) Pentafluorobenzene	5.550	168	94187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	186180	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	96875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82756	52.896	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.800%			
35) Dibromofluoromethane	5.385	113	64290	48.950	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.900%			
50) Toluene-d8	8.647	98	229743	51.704	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.400%			
62) 4-Bromofluorobenzene	11.079	95	96255	53.791	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.580%			
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1672	2.285	ug/l #	87
40) Benzene	6.044	78	6998	1.470	ug/l	97
52) Toluene	8.720	92	5716	1.864	ug/l	92
68) m/p-Xylenes	10.299	106	3944	1.570	ug/l	95
69) o-Xylene	10.646	106	3169	1.258	ug/l	97
70) Styrene	10.659	104	1737	0.413	ug/l #	71
80) 1,3,5-Trimethylbenzene	11.451	105	1814	0.302	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	4355	0.728	ug/l	92

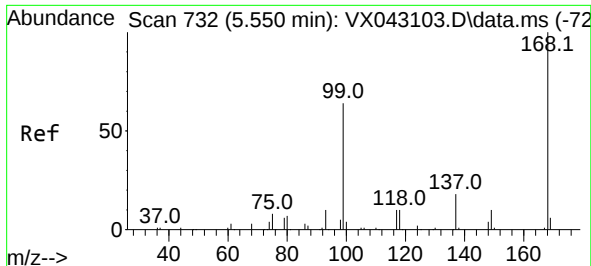
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX043126.D

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Instrument :

MSVOA_X

ClientSampleId :

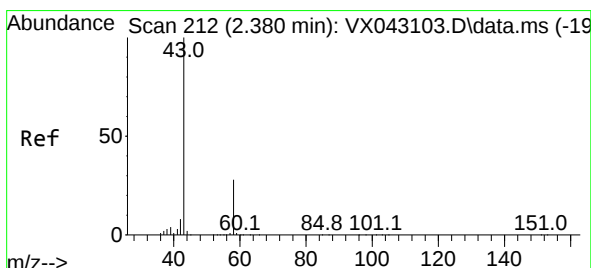
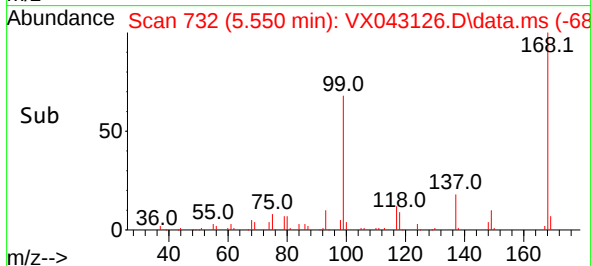
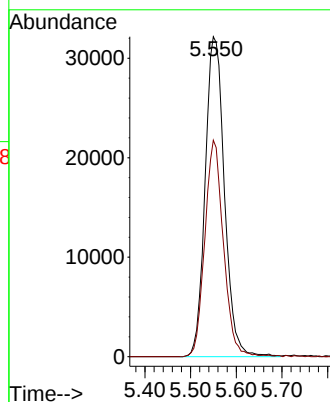
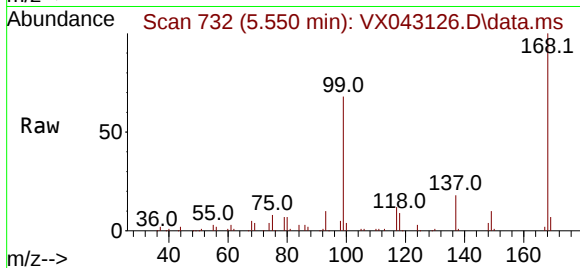
RW8-MW01D-20240919

Tgt Ion:168 Resp: 94187

Ion Ratio Lower Upper

168 100

99 67.6 50.8 76.2



#16

Acetone

Concen: 2.285 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX043126.D

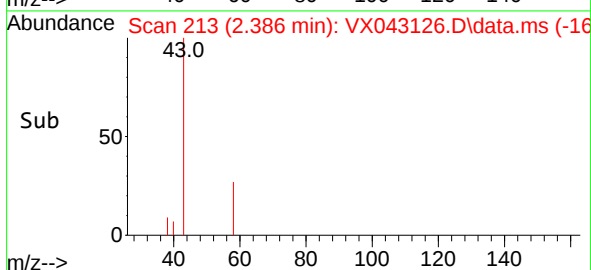
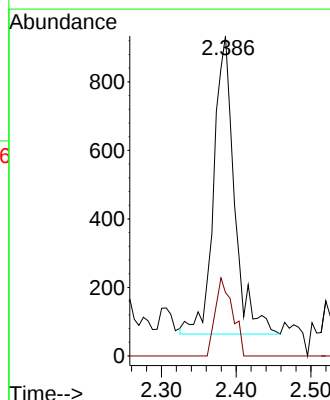
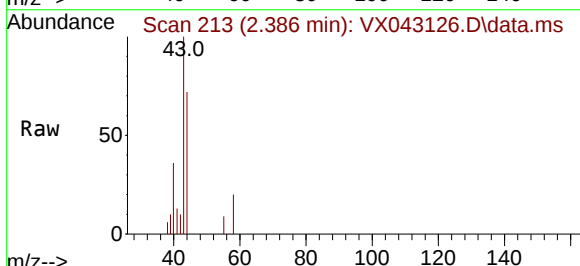
Acq: 24 Sep 2024 16:35

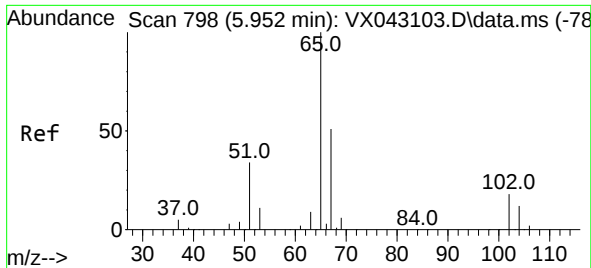
Tgt Ion: 43 Resp: 1672

Ion Ratio Lower Upper

43 100

58 21.3 22.6 34.0#





#33

1,2-Dichloroethane-d4

Concen: 52.896 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX043126.D

Acq: 24 Sep 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

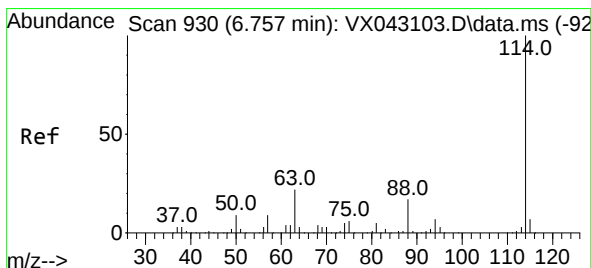
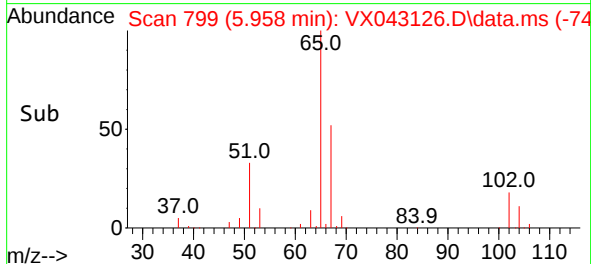
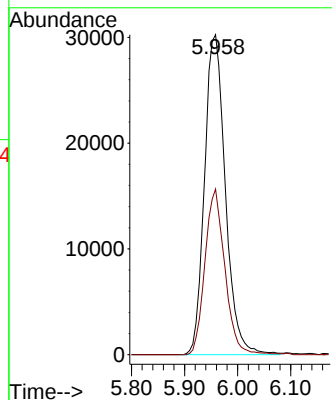
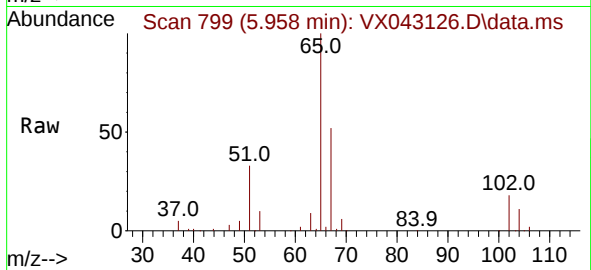
RW8-MW01D-20240919

Tgt Ion: 65 Resp: 82756

Ion Ratio Lower Upper

65 100

67 49.4 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX043126.D

Acq: 24 Sep 2024 16:35

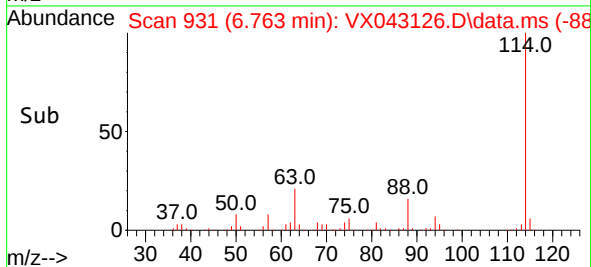
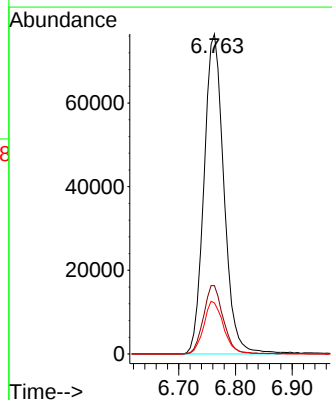
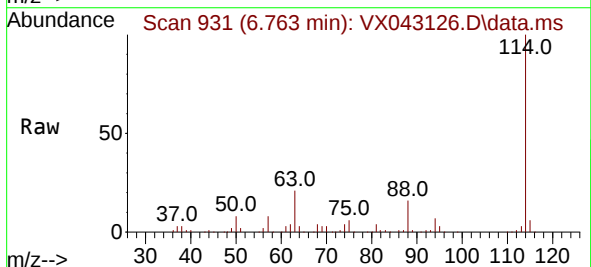
Tgt Ion: 114 Resp: 186180

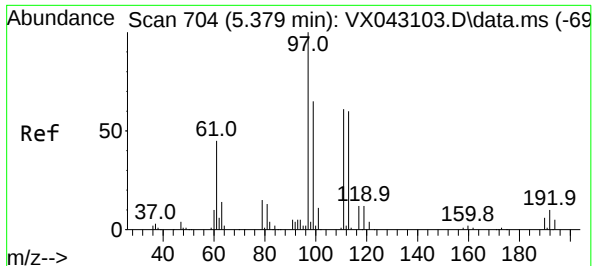
Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.2

88 16.0 0.0 33.4

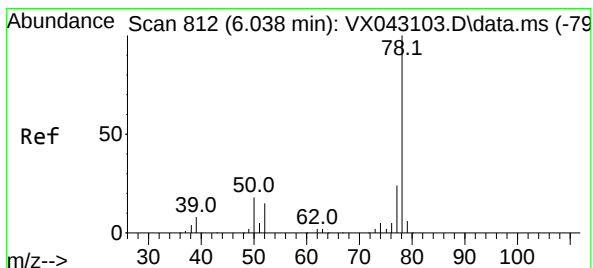
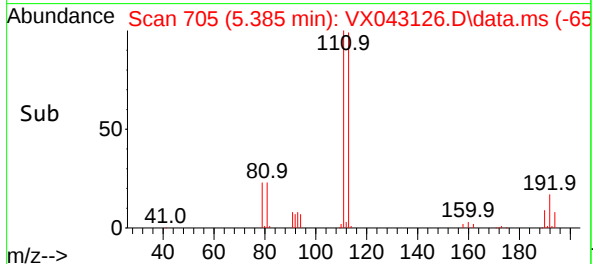
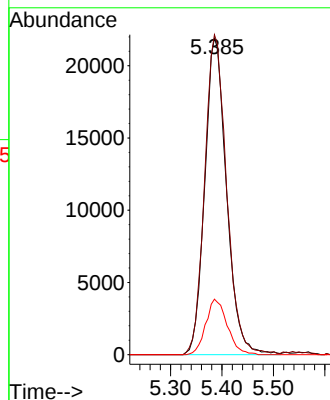
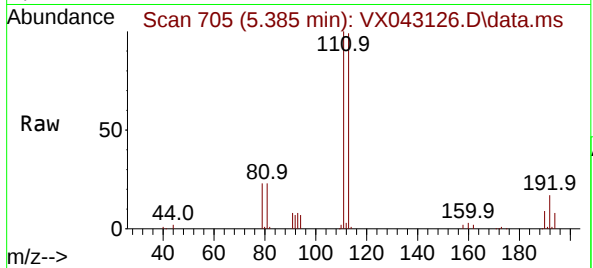




#35
Dibromofluoromethane
Concen: 48.950 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX043126.D
Acq: 24 Sep 2024 16:35

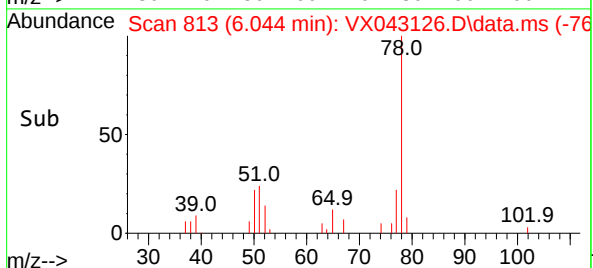
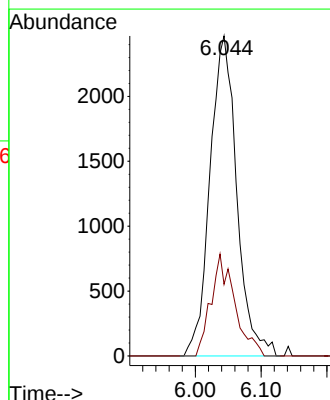
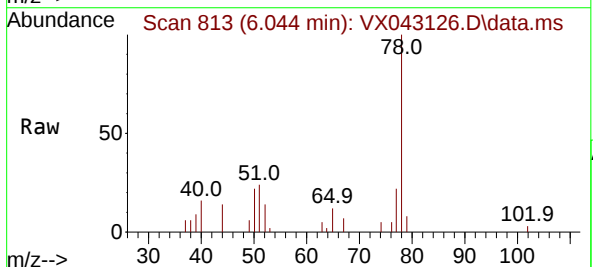
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D-20240919

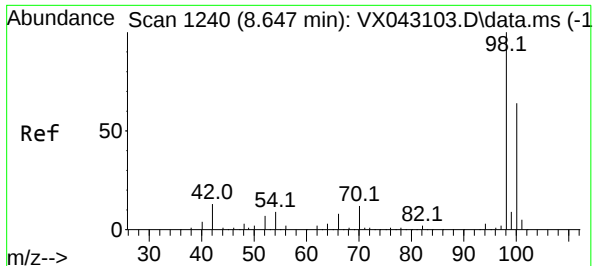
Tgt Ion:113 Resp: 64290
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 17.3 14.6 22.0



#40
Benzene
Concen: 1.470 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX043126.D
Acq: 24 Sep 2024 16:35

Tgt Ion: 78 Resp: 6998
Ion Ratio Lower Upper
78 100
77 22.4 19.3 28.9

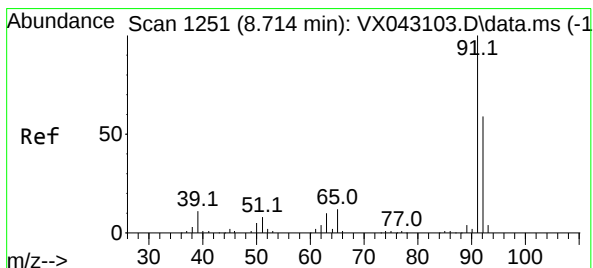
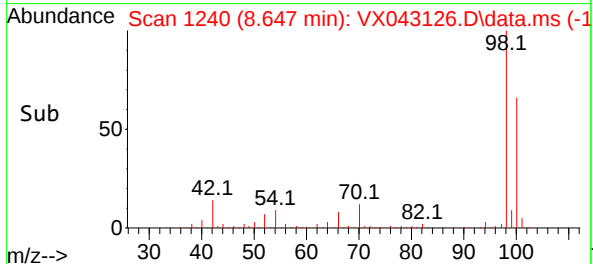
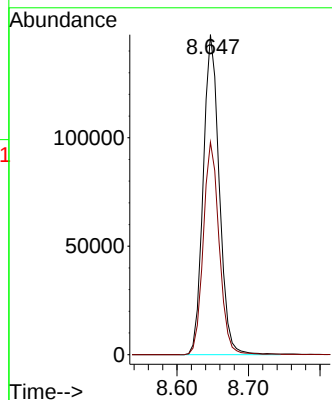
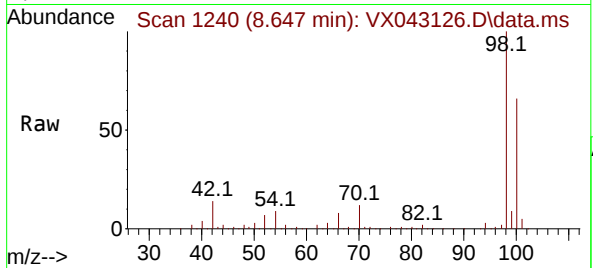




#50
Toluene-d8
Concen: 51.704 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043126.D
Acq: 24 Sep 2024 16:35

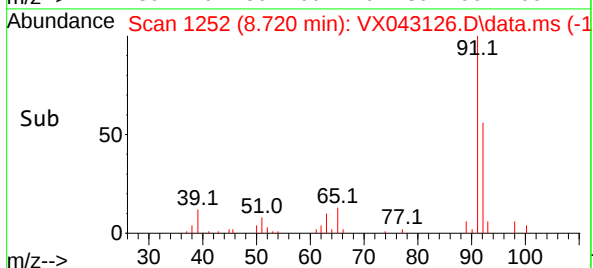
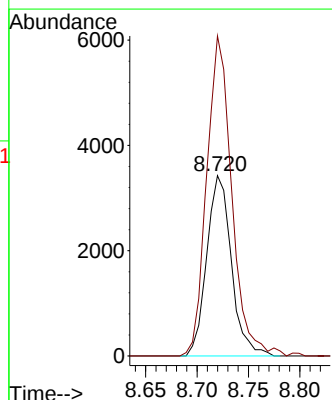
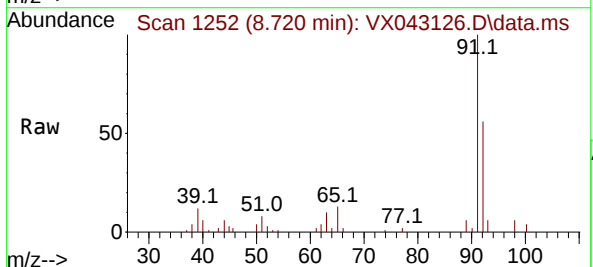
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D-20240919

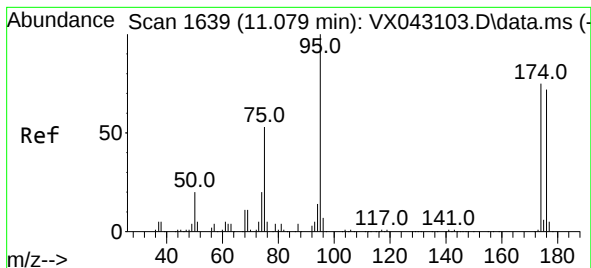
Tgt Ion: 98 Resp: 229743
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4



#52
Toluene
Concen: 1.864 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX043126.D
Acq: 24 Sep 2024 16:35

Tgt Ion: 92 Resp: 5716
Ion Ratio Lower Upper
92 100
91 180.6 135.9 203.9





#62

4-Bromofluorobenzene

Concen: 53.791 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043126.D

Acq: 24 Sep 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D-20240919

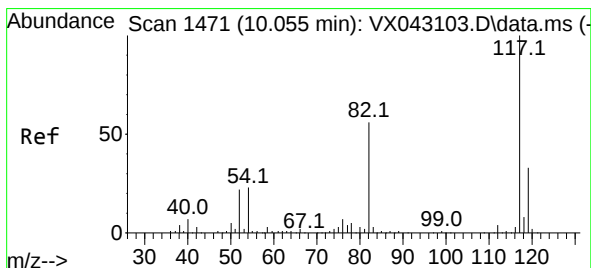
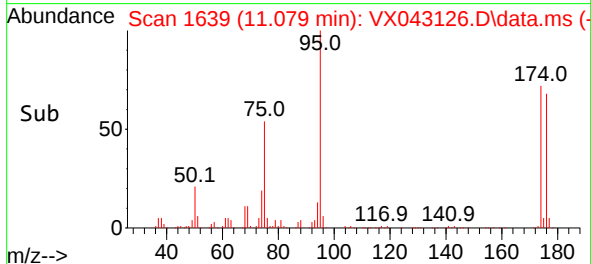
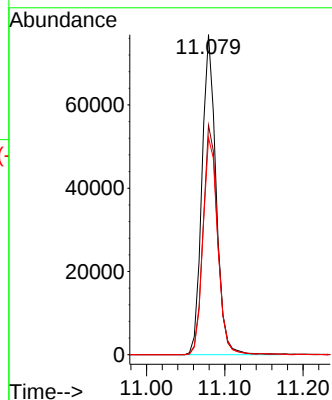
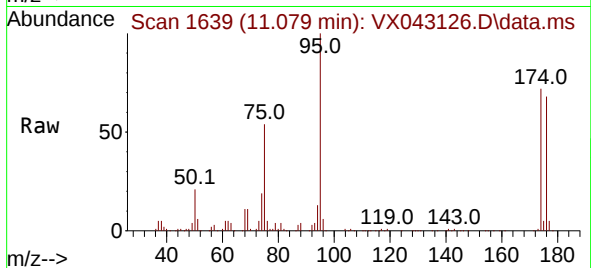
Tgt Ion: 95 Resp: 96255

Ion Ratio Lower Upper

95 100

174 73.4 0.0 146.0

176 70.8 0.0 142.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX043126.D

Acq: 24 Sep 2024 16:35

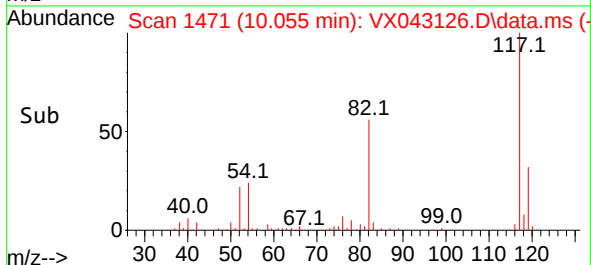
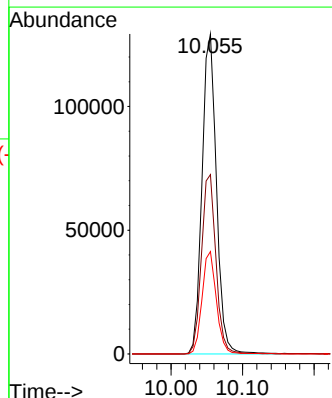
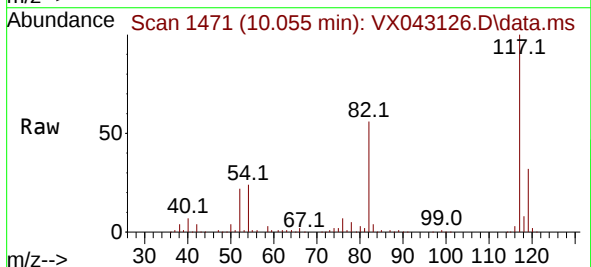
Tgt Ion: 117 Resp: 180891

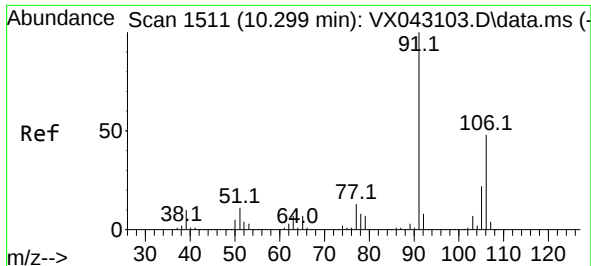
Ion Ratio Lower Upper

117 100

82 56.1 44.7 67.1

119 32.0 26.3 39.5

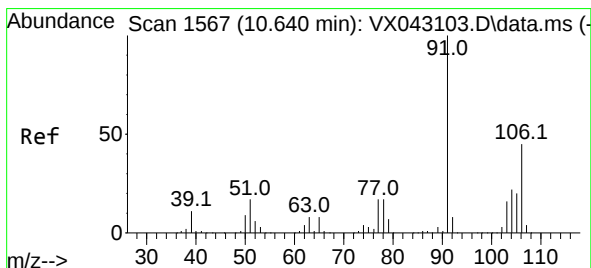
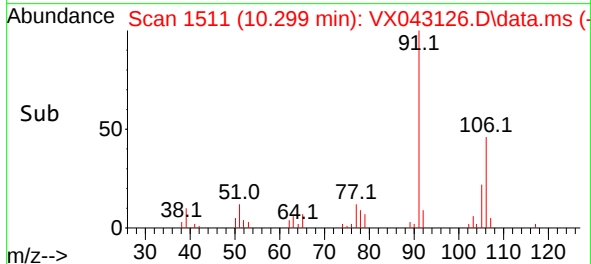
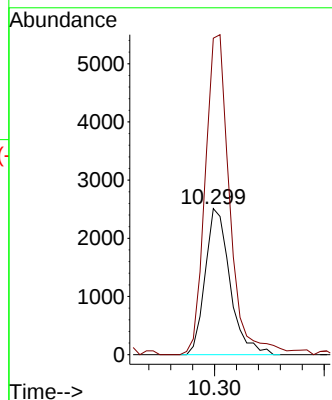
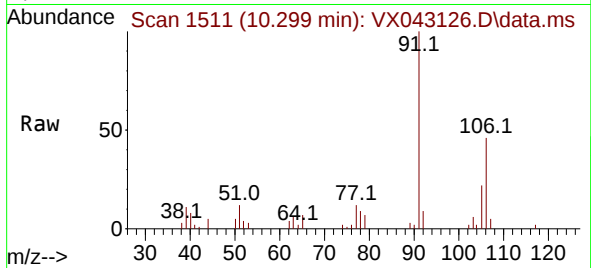




#68
m/p-Xylenes
Concen: 1.570 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX043126.D
Acq: 24 Sep 2024 16:35

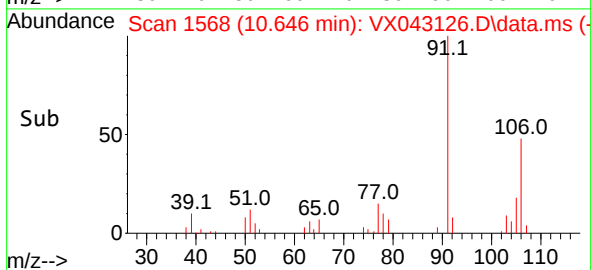
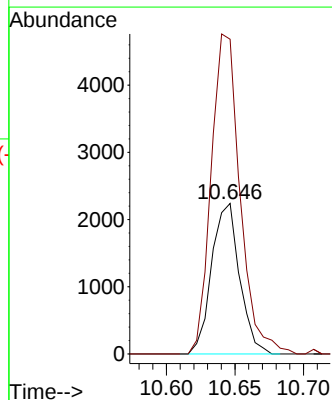
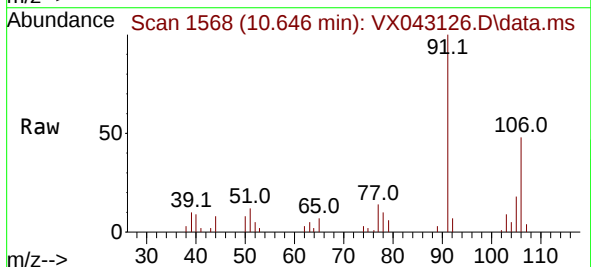
Instrument :
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RW8-MW01D-20240919

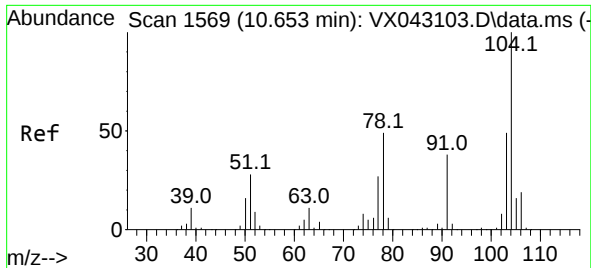
Tgt Ion:106 Resp: 3944
Ion Ratio Lower Upper
106 100
91 217.8 167.5 251.3



#69
o-Xylene
Concen: 1.258 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX043126.D
Acq: 24 Sep 2024 16:35

Tgt Ion:106 Resp: 3169
Ion Ratio Lower Upper
106 100
91 220.2 112.5 337.4





#70

Styrene

Concen: 0.413 ug/l

RT: 10.659 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043126.D

Acq: 24 Sep 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D-20240919

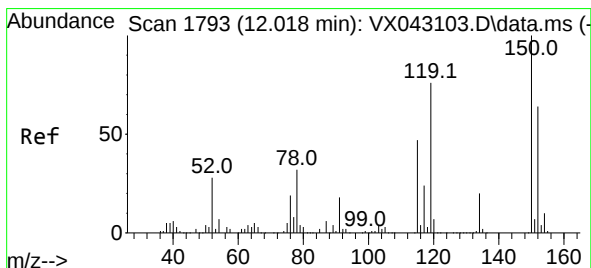
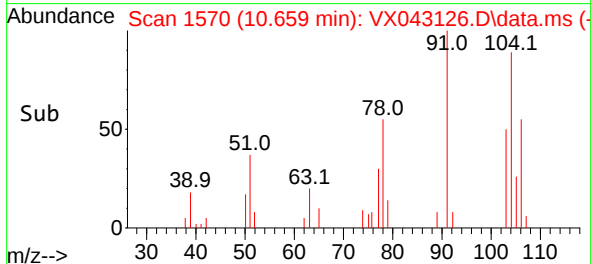
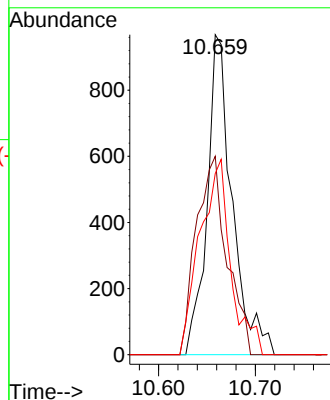
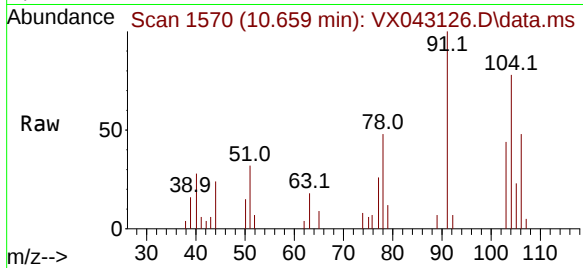
Tgt Ion:104 Resp: 1737

Ion Ratio Lower Upper

104 100

78 76.2 44.3 66.5#

103 75.2 43.4 65.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX043126.D

Acq: 24 Sep 2024 16:35

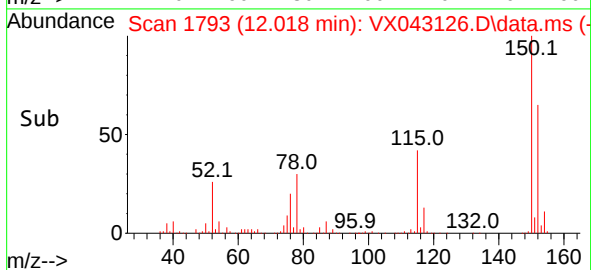
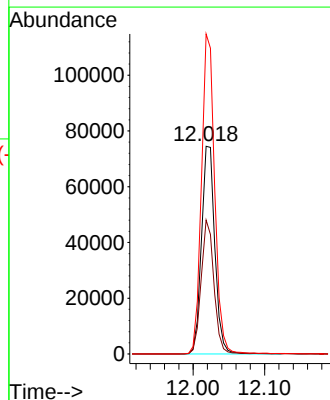
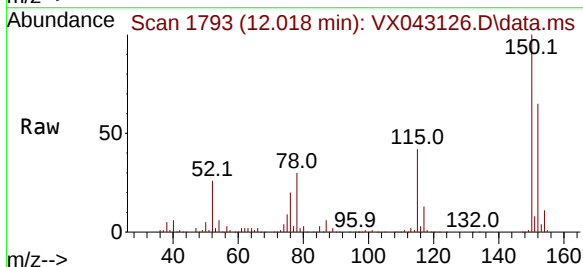
Tgt Ion:152 Resp: 96875

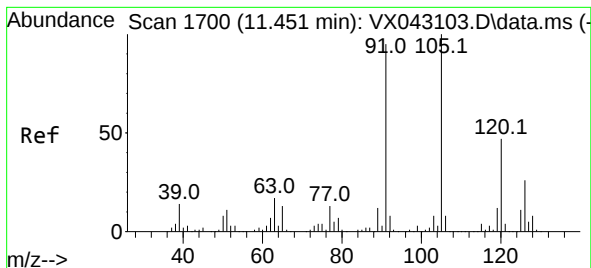
Ion Ratio Lower Upper

152 100

115 61.6 43.7 131.1

150 152.2 0.0 344.6





#80

1,3,5-Trimethylbenzene

Concen: 0.302 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043126.D

Acq: 24 Sep 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

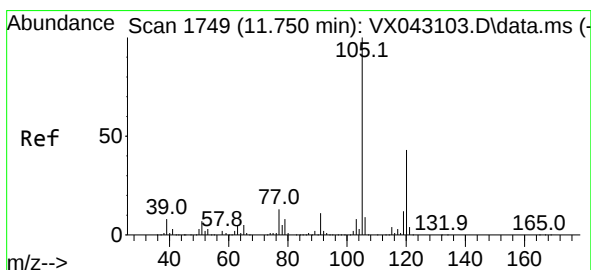
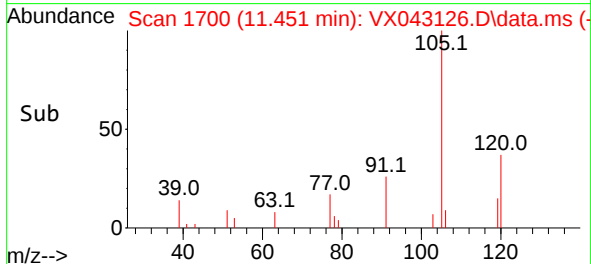
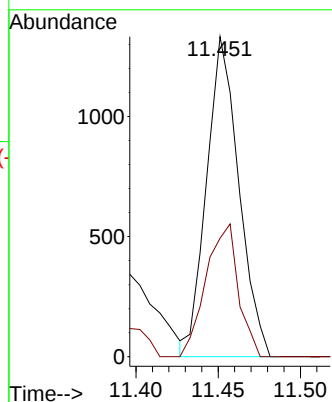
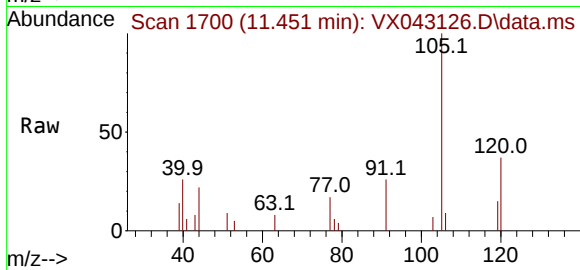
RW8-MW01D-20240919

Tgt Ion:105 Resp: 1814

Ion Ratio Lower Upper

105 100

120 41.6 23.5 70.5



#84

1,2,4-Trimethylbenzene

Concen: 0.728 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043126.D

Acq: 24 Sep 2024 16:35

Tgt Ion:105 Resp: 4355

Ion Ratio Lower Upper

105 100

120 38.4 21.8 65.4

