

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092524\
 Data File : VX043145.D
 Acq On : 25 Sep 2024 12:06
 Operator : JC/MD
 Sample : P4164-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW02D-20240919

Quant Time: Sep 26 01:32:50 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)

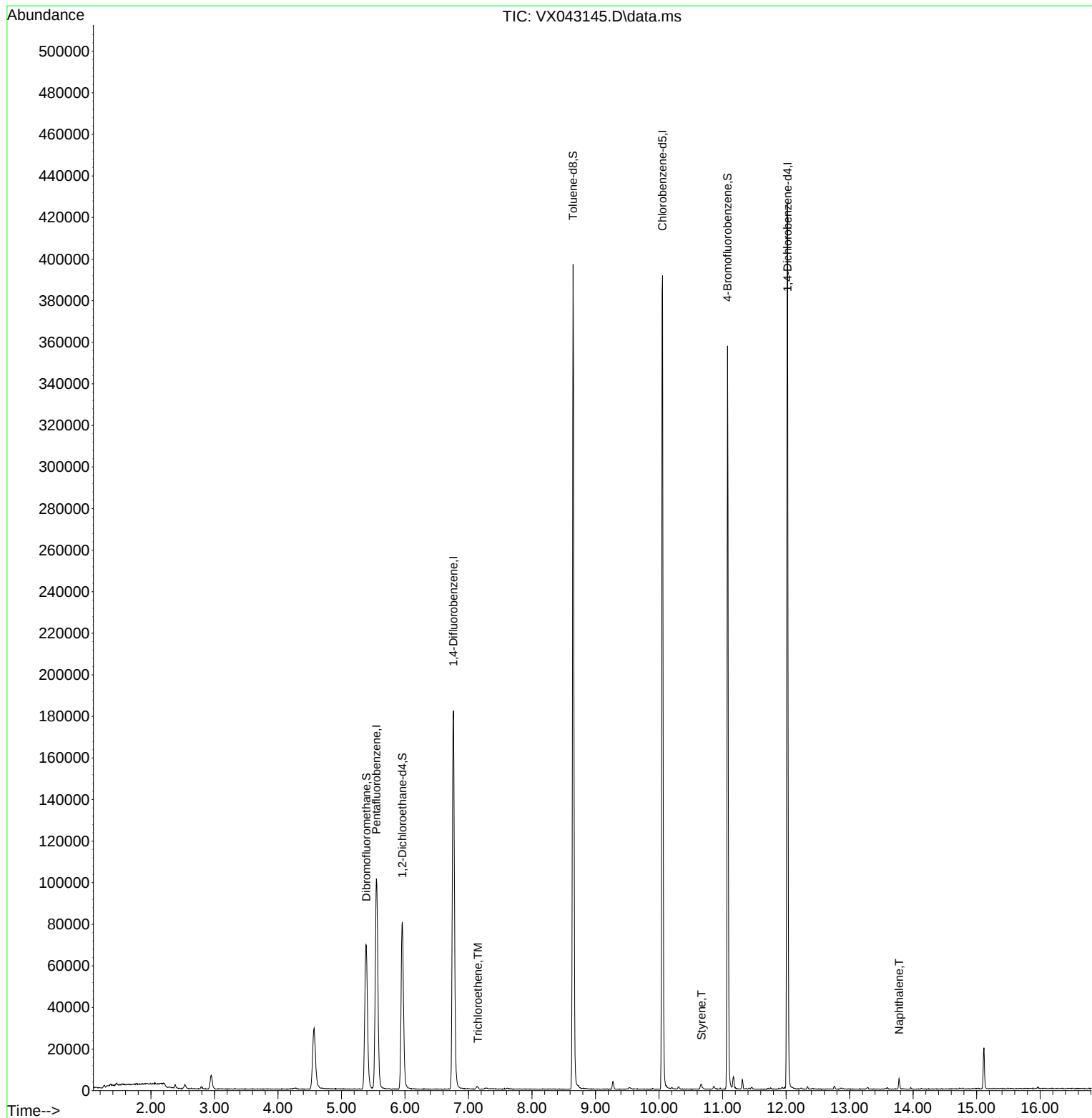
Internal Standards						
1) Pentafluorobenzene	5.550	168	92482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	184305	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81700	53.184	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.360%		
35) Dibromofluoromethane	5.391	113	62717	48.238	ug/l	0.01
Spiked Amount	50.000	Range 75 - 124	Recovery	= 96.480%		
50) Toluene-d8	8.647	98	227536	51.728	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.460%		
62) 4-Bromofluorobenzene	11.079	95	92667	52.313	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 104.620%		
Target Compounds						
						Qvalue
44) Trichloroethene	7.147	130	594	0.461	ug/l	63
70) Styrene	10.671	104	1544	0.379	ug/l #	84
95) Naphthalene	13.780	128	3600	0.590	ug/l	98

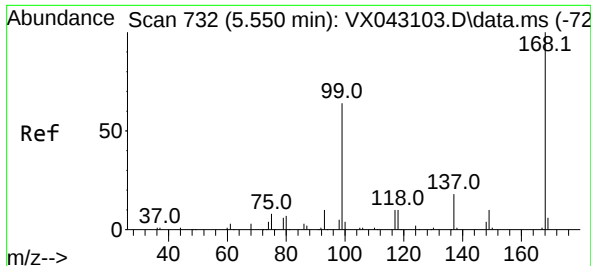
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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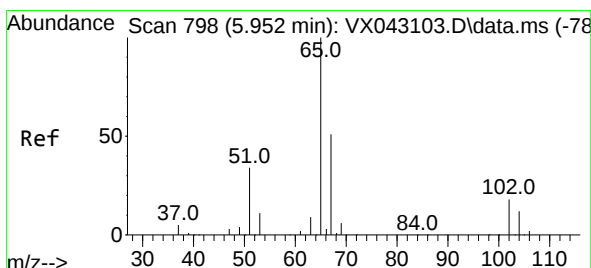
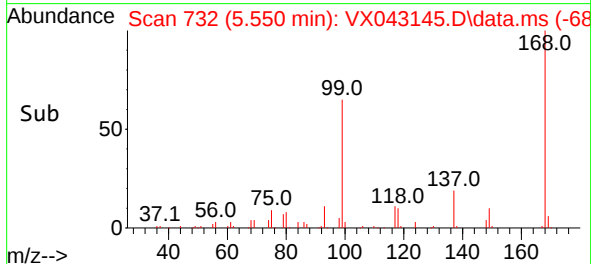
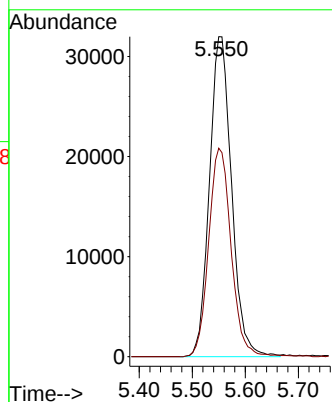
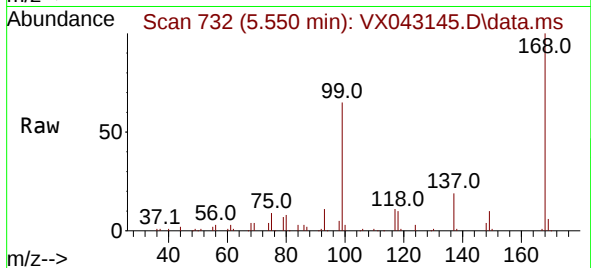




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX043145.D
Acq: 25 Sep 2024 12:06

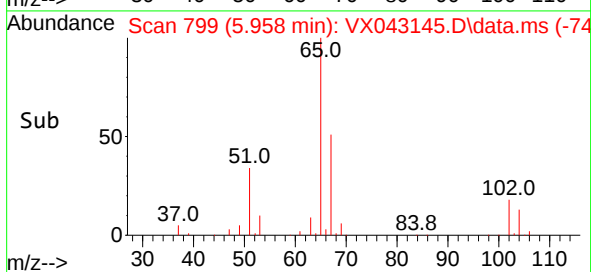
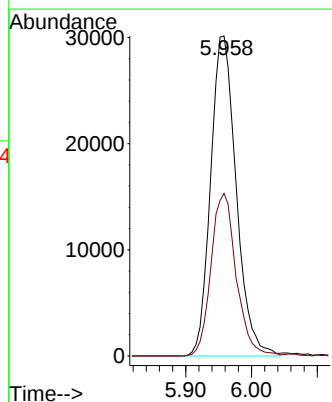
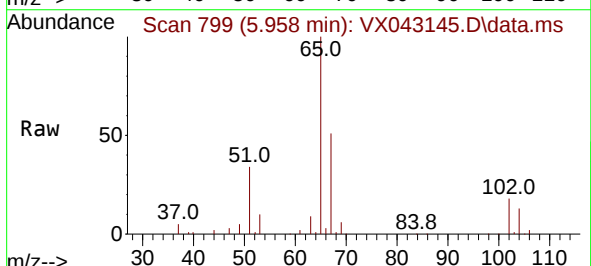
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW02D-20240919

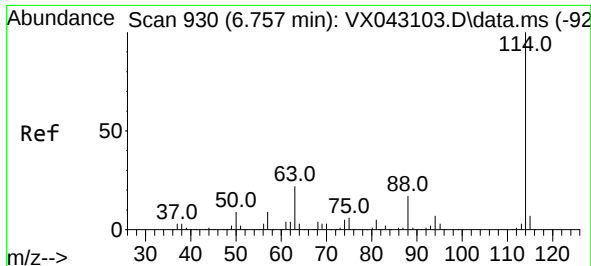
Tgt Ion:168 Resp: 92482
Ion Ratio Lower Upper
168 100
99 65.1 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 53.184 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX043145.D
Acq: 25 Sep 2024 12:06

Tgt Ion: 65 Resp: 81700
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.0

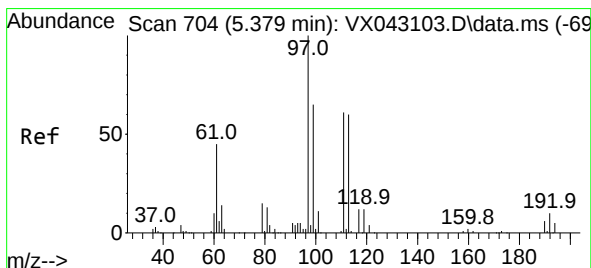
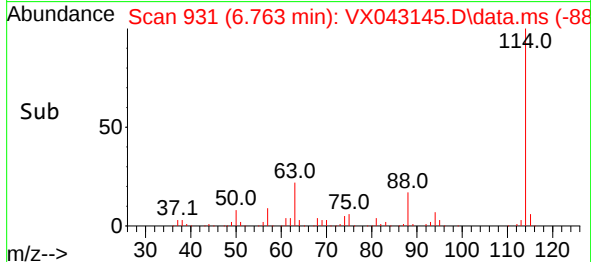
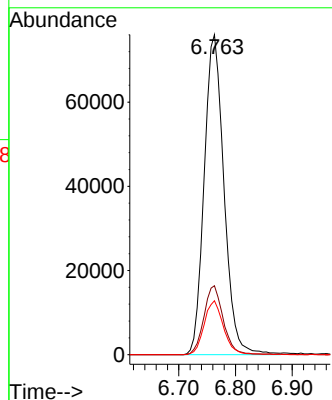
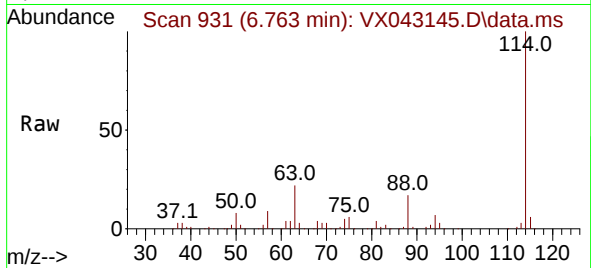




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX043145.D
Acq: 25 Sep 2024 12:06

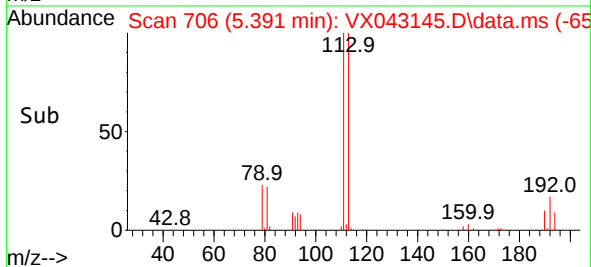
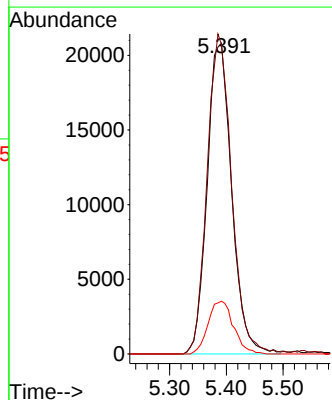
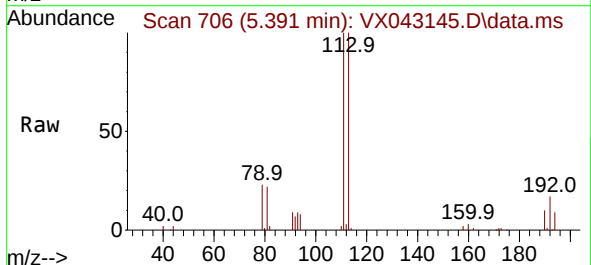
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW02D-20240919

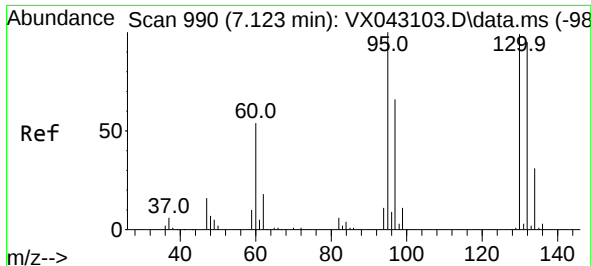
Tgt Ion:114 Resp: 184305
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.2
88 16.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.238 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX043145.D
Acq: 25 Sep 2024 12:06

Tgt Ion:113 Resp: 62717
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 17.5 14.6 22.0

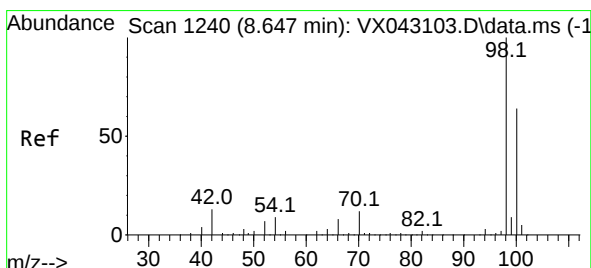
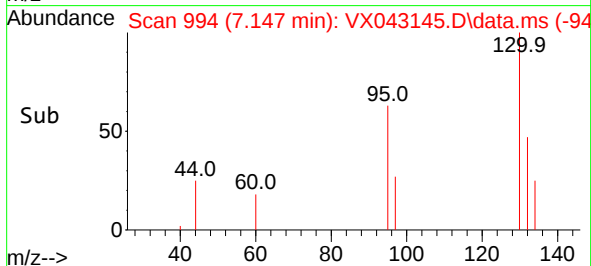
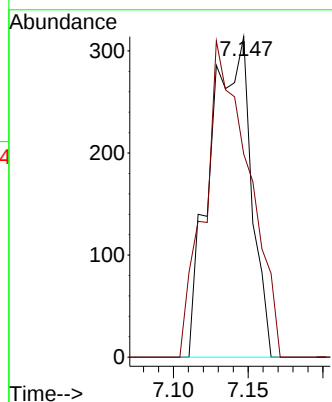
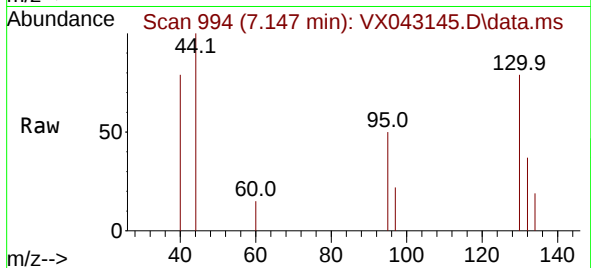




#44
Trichloroethene
Concen: 0.461 ug/l
RT: 7.147 min Scan# 994
Delta R.T. 0.024 min
Lab File: VX043145.D
Acq: 25 Sep 2024 12:06

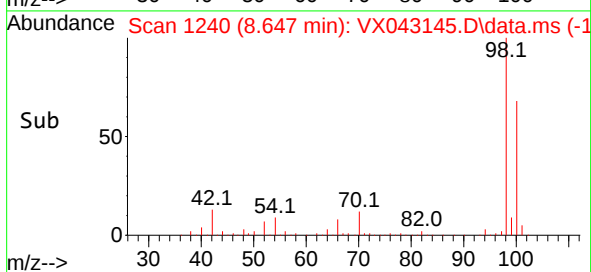
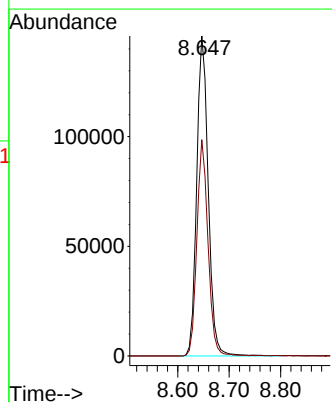
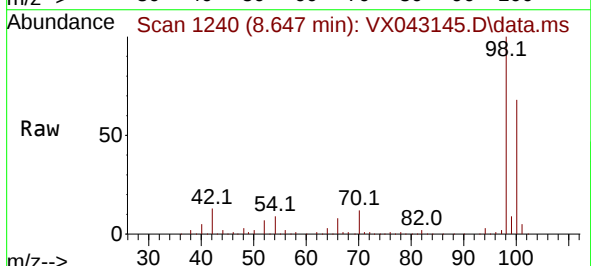
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW02D-20240919

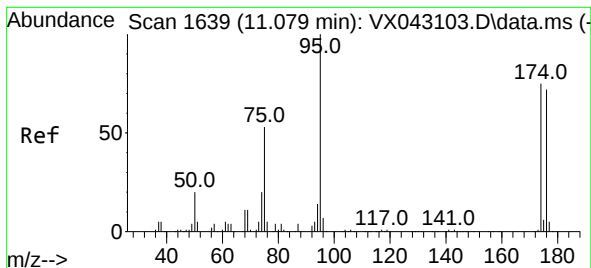
Tgt Ion:130 Resp: 594
Ion Ratio Lower Upper
130 100
95 63.4 0.0 201.6



#50
Toluene-d8
Concen: 51.728 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043145.D
Acq: 25 Sep 2024 12:06

Tgt Ion: 98 Resp: 227536
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 52.313 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043145.D

Acq: 25 Sep 2024 12:06

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW02D-20240919

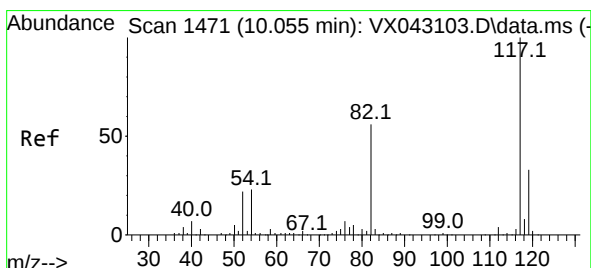
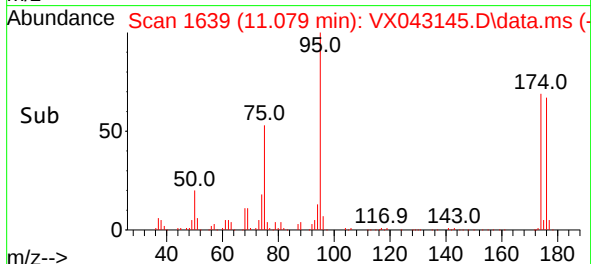
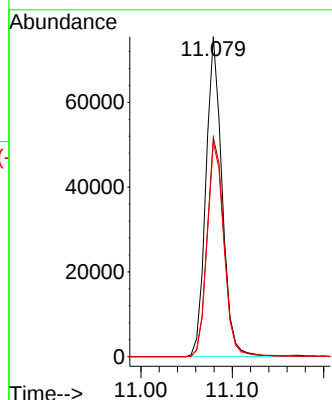
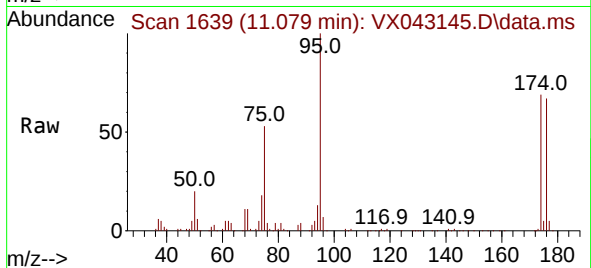
Tgt Ion: 95 Resp: 92667

Ion Ratio Lower Upper

95 100

174 72.1 0.0 146.0

176 69.6 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: VX043145.D

Acq: 25 Sep 2024 12:06

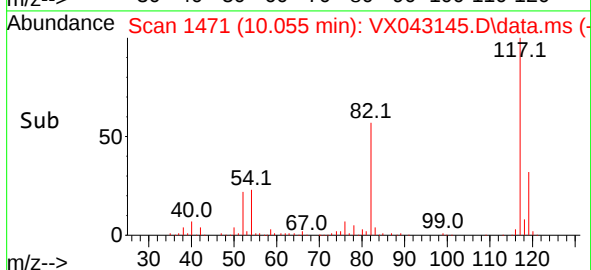
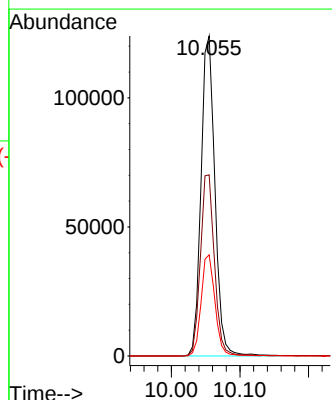
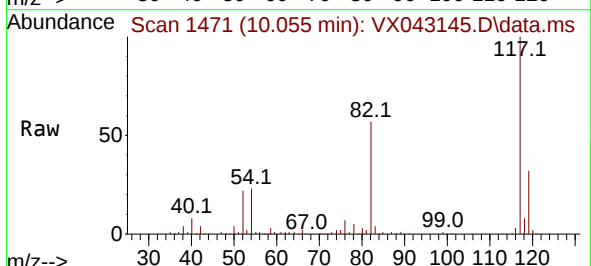
Tgt Ion: 117 Resp: 175308

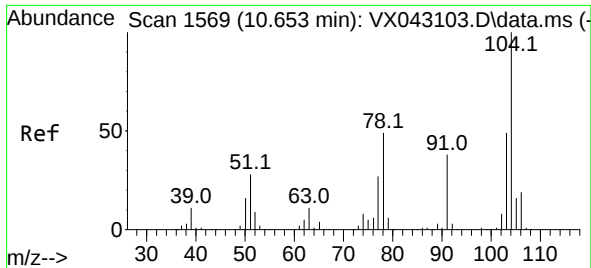
Ion Ratio Lower Upper

117 100

82 56.6 44.7 67.1

119 31.6 26.3 39.5

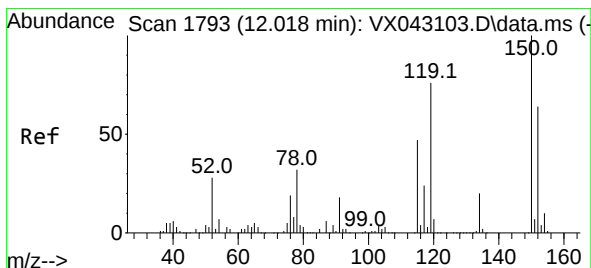
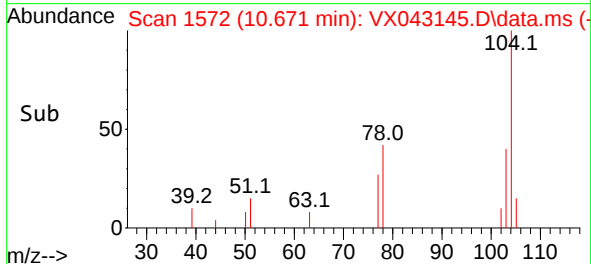
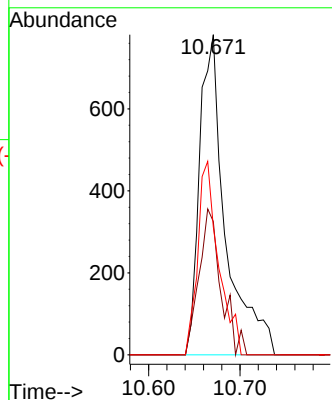
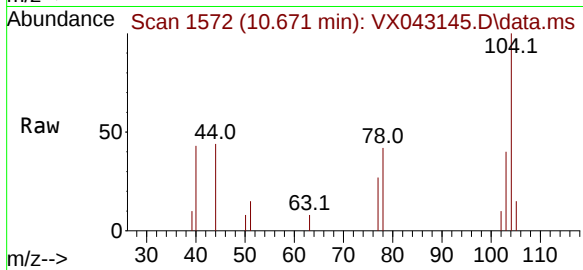




#70
Styrene
Concen: 0.379 ug/l
RT: 10.671 min Scan# 1569
Delta R.T. 0.018 min
Lab File: VX043145.D
Acq: 25 Sep 2024 12:06

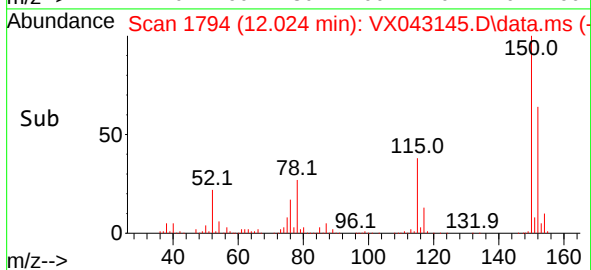
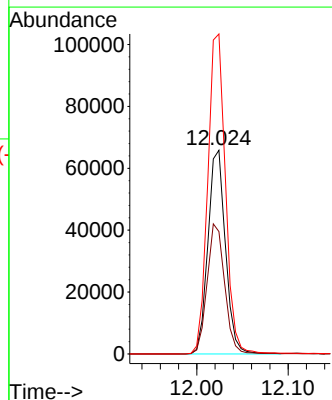
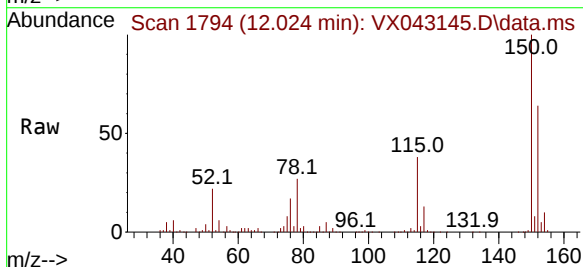
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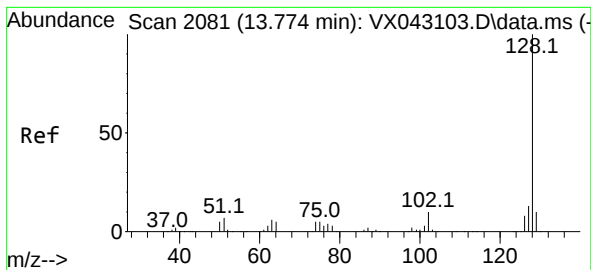
Tgt Ion:104 Resp: 1544
Ion Ratio Lower Upper
104 100
78 38.7 44.3 66.5#
103 48.4 43.4 65.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX043145.D
Acq: 25 Sep 2024 12:06

Tgt Ion:152 Resp: 87594
Ion Ratio Lower Upper
152 100
115 63.9 43.7 131.1
150 159.1 0.0 344.6





#95

Naphthalene

Concen: 0.590 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX043145.D

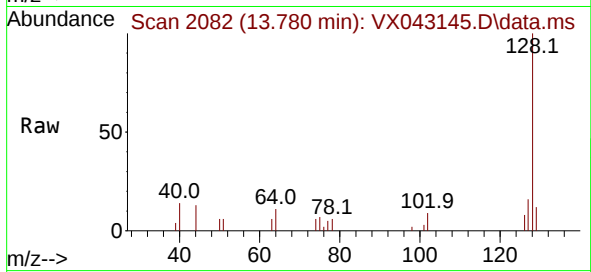
Acq: 25 Sep 2024 12:06

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW02D-20240919



Tgt Ion:128 Resp: 3600

Ion Ratio Lower Upper

128 100

127 11.7 10.2 15.4

129 11.4 8.6 13.0

