

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044046.D
 Acq On : 27 Nov 2024 17:20
 Operator : JC/MD
 Sample : P5021-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10

Quant Time: Nov 28 00:53:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

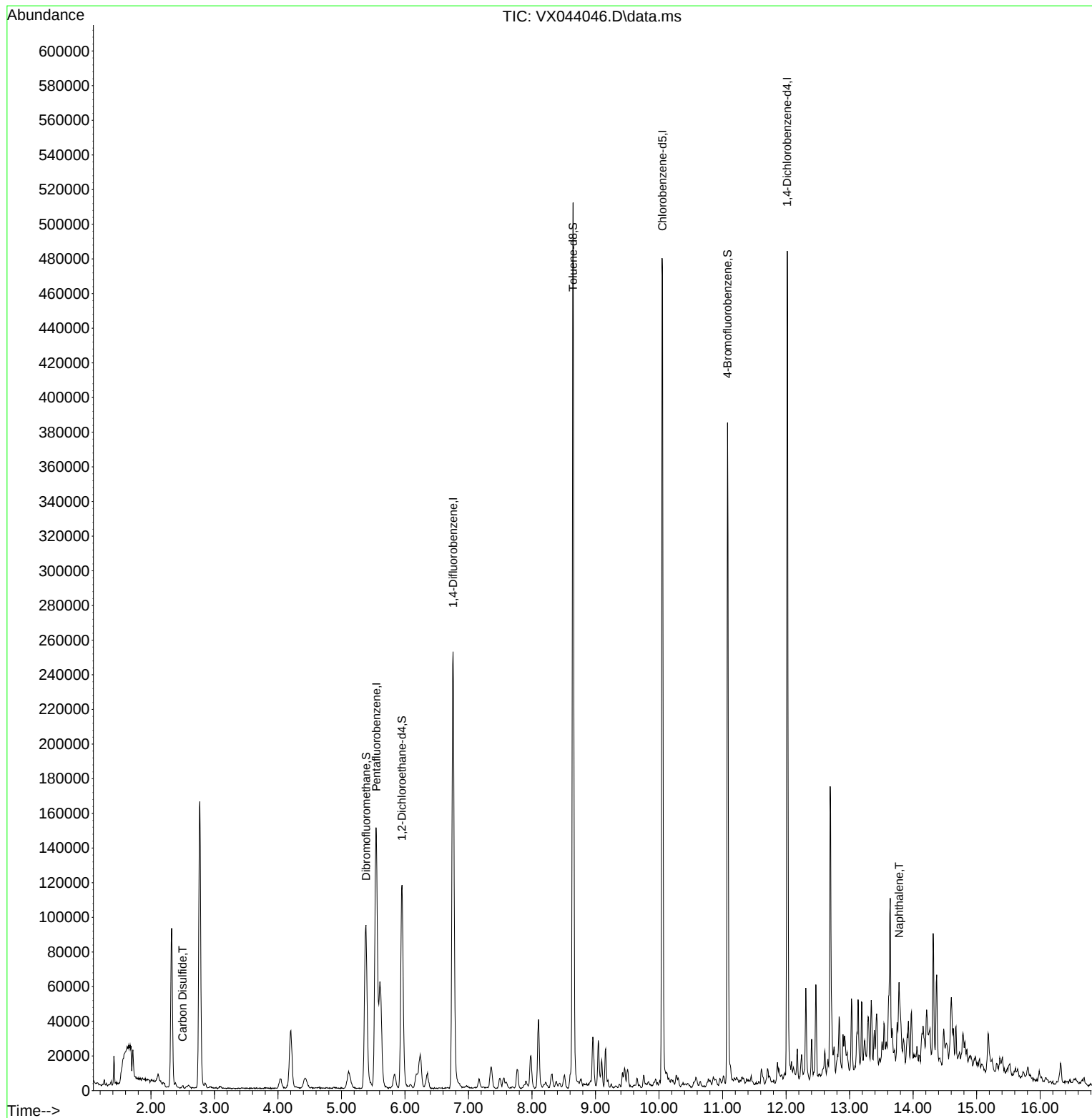
Internal Standards						
1) Pentafluorobenzene	5.550	168	127800	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	248501	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	89210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	116781	53.276	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.560%
35) Dibromofluoromethane	5.385	113	82149	46.264	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.520%
50) Toluene-d8	8.647	98	302840	49.476	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.960%
62) 4-Bromofluorobenzene	11.079	95	102561	49.235	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.460%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	2.495	76	1353	0.445	ug/l #	94
95) Naphthalene	13.780	128	28010	4.390	ug/l #	81

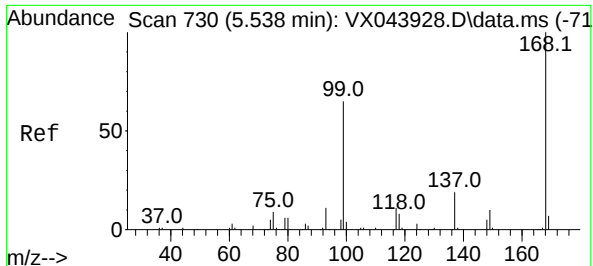
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
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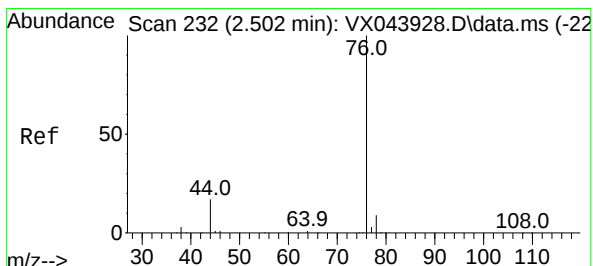
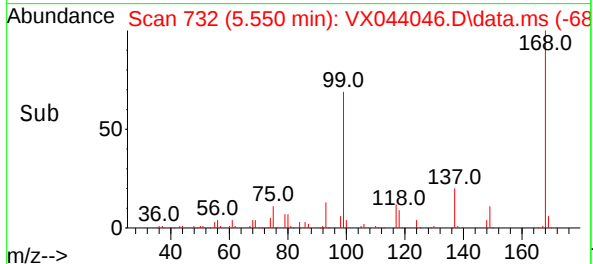
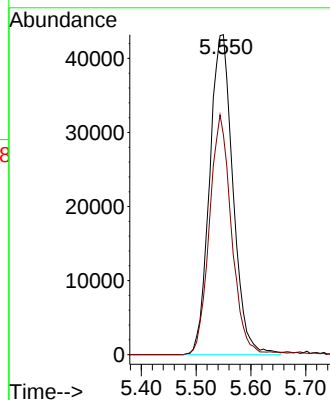
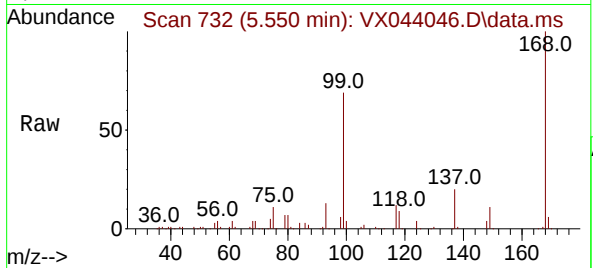




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX044046.D
Acq: 27 Nov 2024 17:20

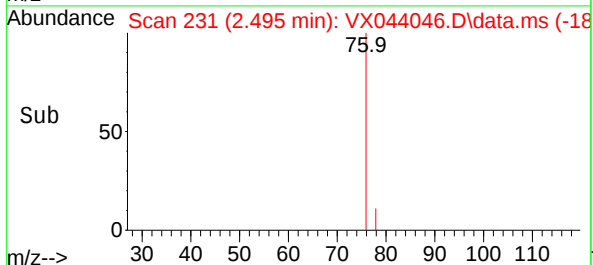
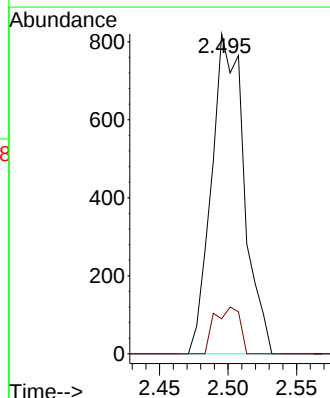
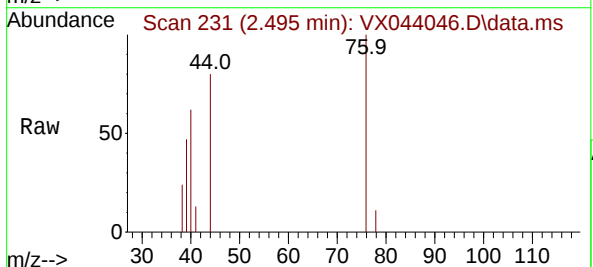
Instrument :
MSVOA_X
ClientSampleId :
MW-10

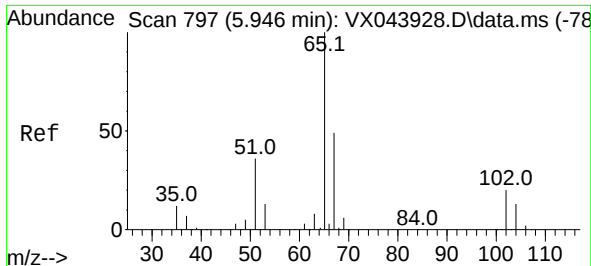
Tgt Ion:168 Resp: 127800
Ion Ratio Lower Upper
168 100
99 68.7 51.8 77.8



#17
Carbon Disulfide
Concen: 0.445 ug/l
RT: 2.495 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX044046.D
Acq: 27 Nov 2024 17:20

Tgt Ion: 76 Resp: 1353
Ion Ratio Lower Upper
76 100
78 11.0 7.0 10.6#





#33

1,2-Dichloroethane-d4

Concen: 53.276 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX044046.D

Acq: 27 Nov 2024 17:20

Instrument :

MSVOA_X

ClientSampleId :

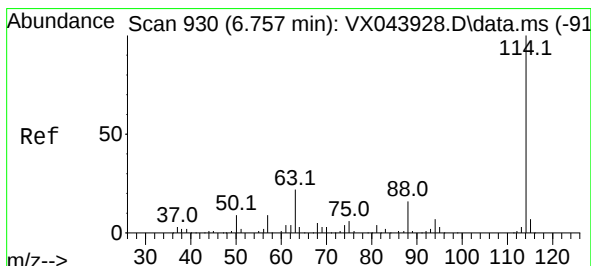
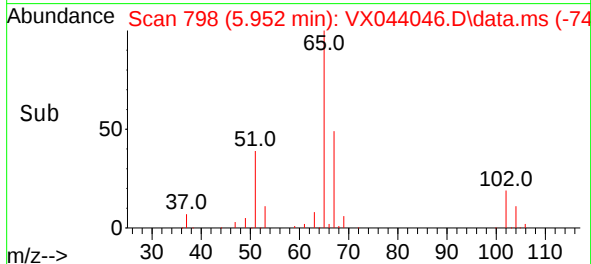
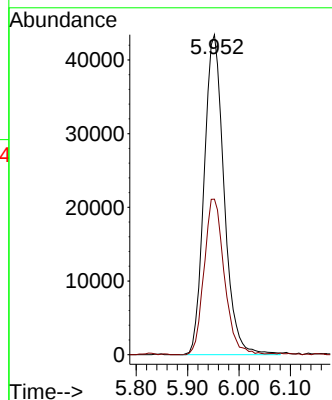
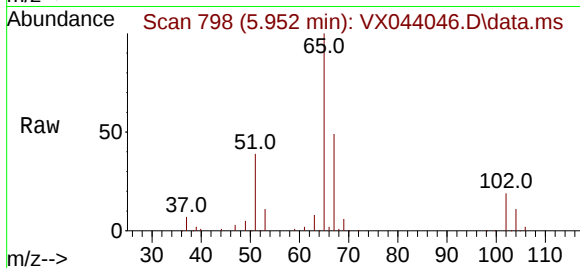
MW-10

Tgt Ion: 65 Resp: 116781

Ion Ratio Lower Upper

65 100

67 49.5 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044046.D

Acq: 27 Nov 2024 17:20

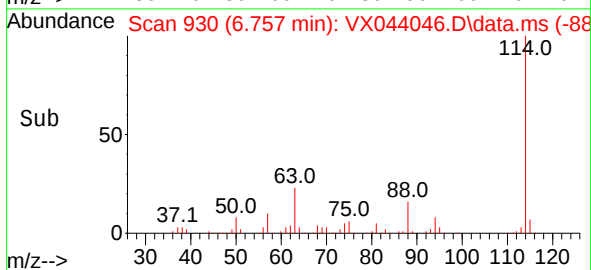
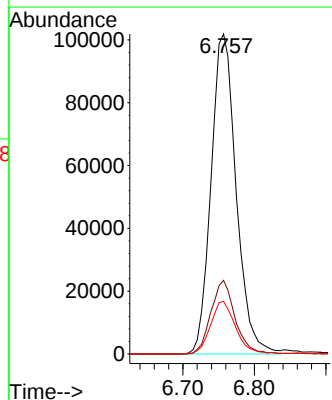
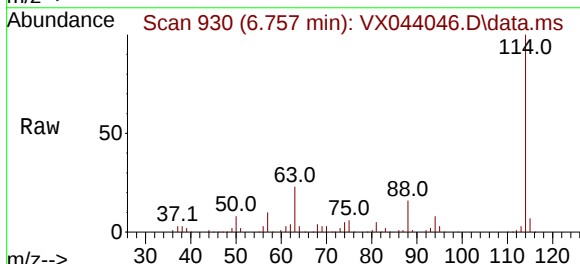
Tgt Ion: 114 Resp: 248501

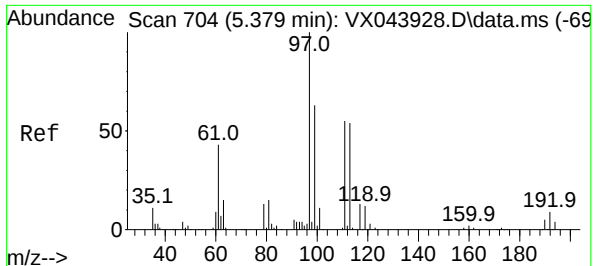
Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.0

88 16.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 46.264 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX044046.D

Acq: 27 Nov 2024 17:20

Instrument :

MSVOA_X

ClientSampleId :

MW-10

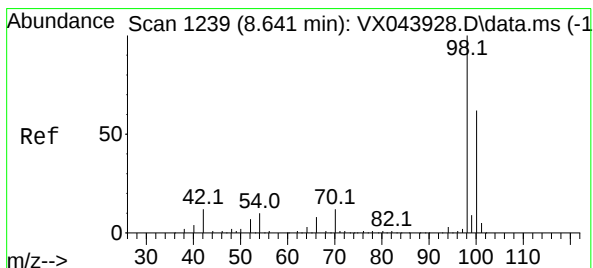
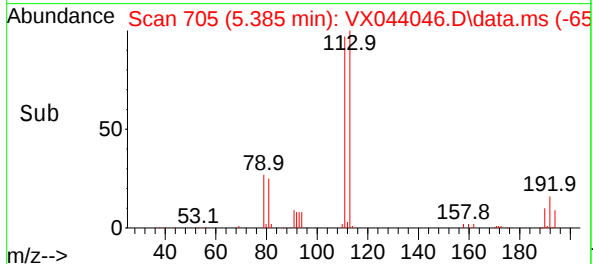
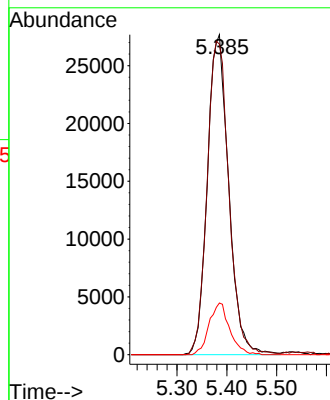
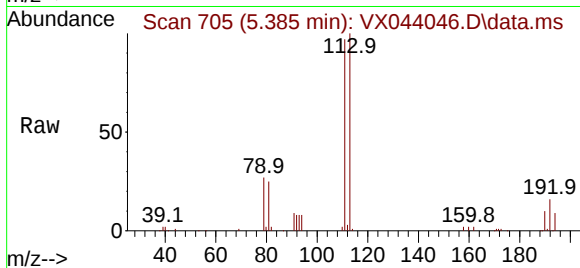
Tgt Ion:113 Resp: 82149

Ion Ratio Lower Upper

113 100

111 100.1 81.0 121.4

192 15.6 13.0 19.6



#50

Toluene-d8

Concen: 49.476 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044046.D

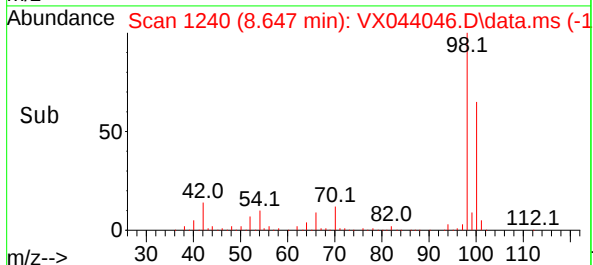
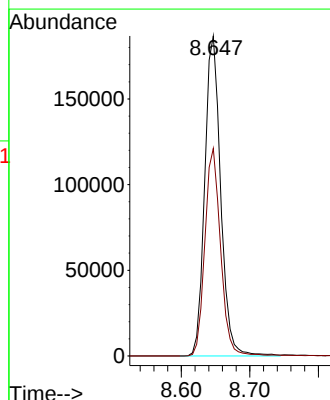
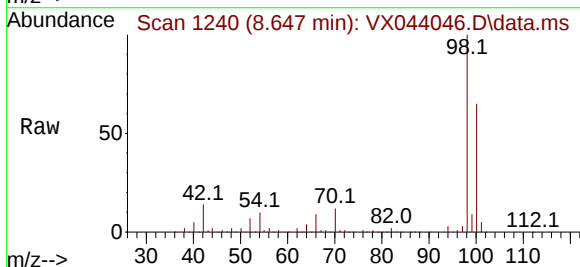
Acq: 27 Nov 2024 17:20

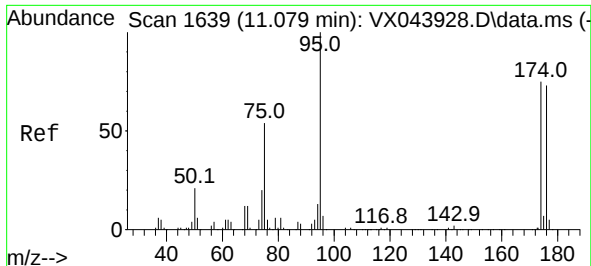
Tgt Ion: 98 Resp: 302840

Ion Ratio Lower Upper

98 100

100 64.2 52.6 79.0





#62

4-Bromofluorobenzene

Concen: 49.235 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044046.D

Acq: 27 Nov 2024 17:20

Instrument :

MSVOA_X

ClientSampleId :

MW-10

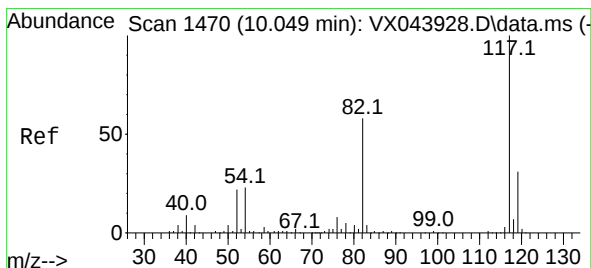
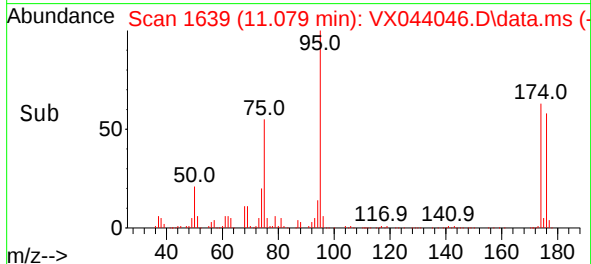
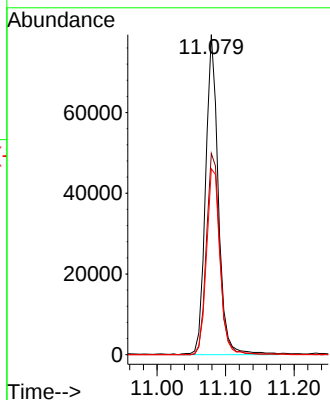
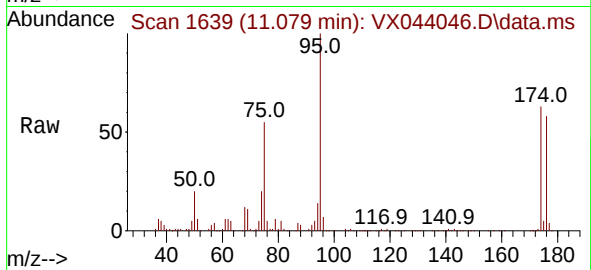
Tgt Ion: 95 Resp: 102561

Ion Ratio Lower Upper

95 100

174 66.2 0.0 150.4

176 61.5 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044046.D

Acq: 27 Nov 2024 17:20

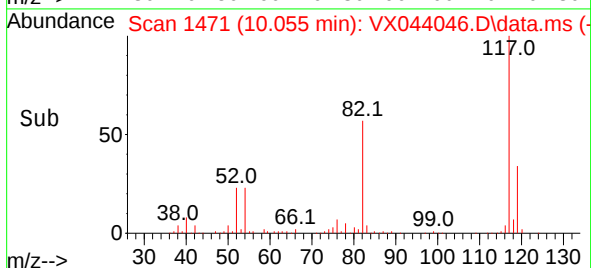
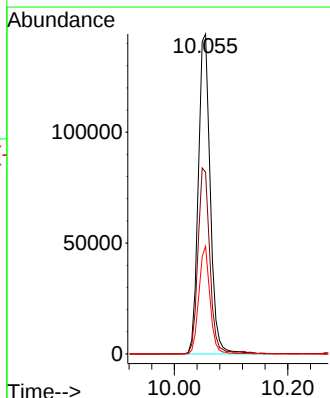
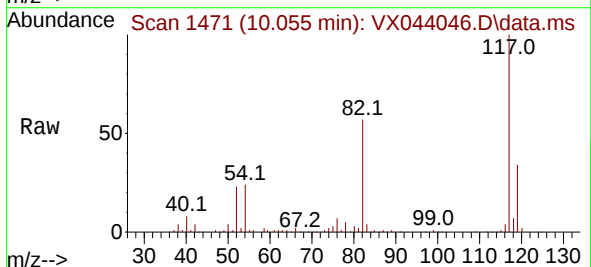
Tgt Ion: 117 Resp: 210958

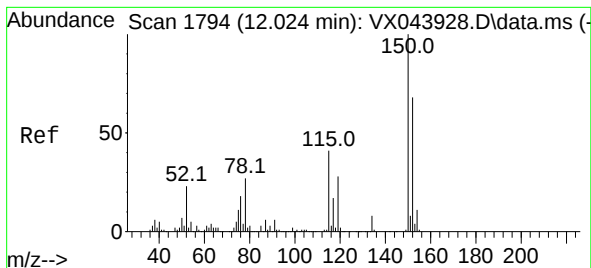
Ion Ratio Lower Upper

117 100

82 56.8 46.4 69.6

119 33.7 24.6 37.0

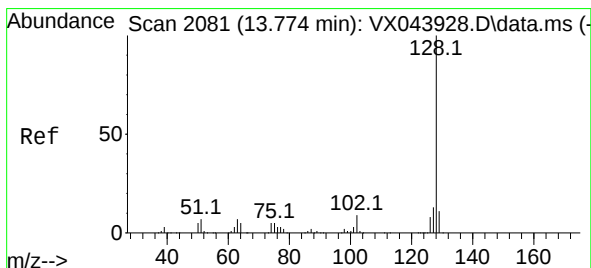
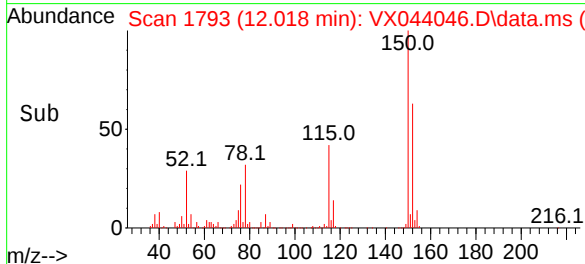
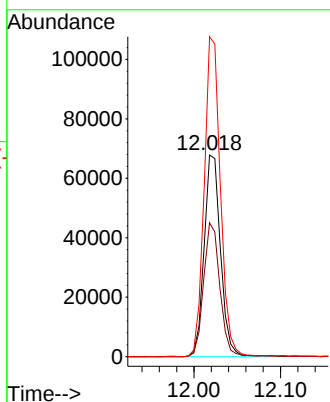
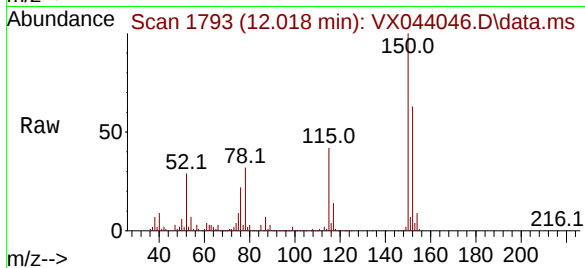




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044046.D
Acq: 27 Nov 2024 17:20

Instrument :
MSVOA_X
ClientSampleId :
MW-10

Tgt Ion:152 Resp: 89210
Ion Ratio Lower Upper
152 100
115 65.8 45.4 136.2
150 157.1 0.0 353.0



#95
Naphthalene
Concen: 4.390 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX044046.D
Acq: 27 Nov 2024 17:20

Tgt Ion:128 Resp: 28010
Ion Ratio Lower Upper
128 100
127 17.1 10.2 15.2#
129 21.8 8.6 12.8#

