

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112624\
 Data File : VX044018.D
 Acq On : 26 Nov 2024 16:00
 Operator : JC/MD
 Sample : P4958-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-WATER-REF-4

Quant Time: Nov 27 00:54:57 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	106875	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	204073	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	89546	48.850	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.700%
35) Dibromofluoromethane	5.385	113	66547	45.636	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.280%
50) Toluene-d8	8.647	98	246755	49.090	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.180%
62) 4-Bromofluorobenzene	11.079	95	78535	45.909	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.820%

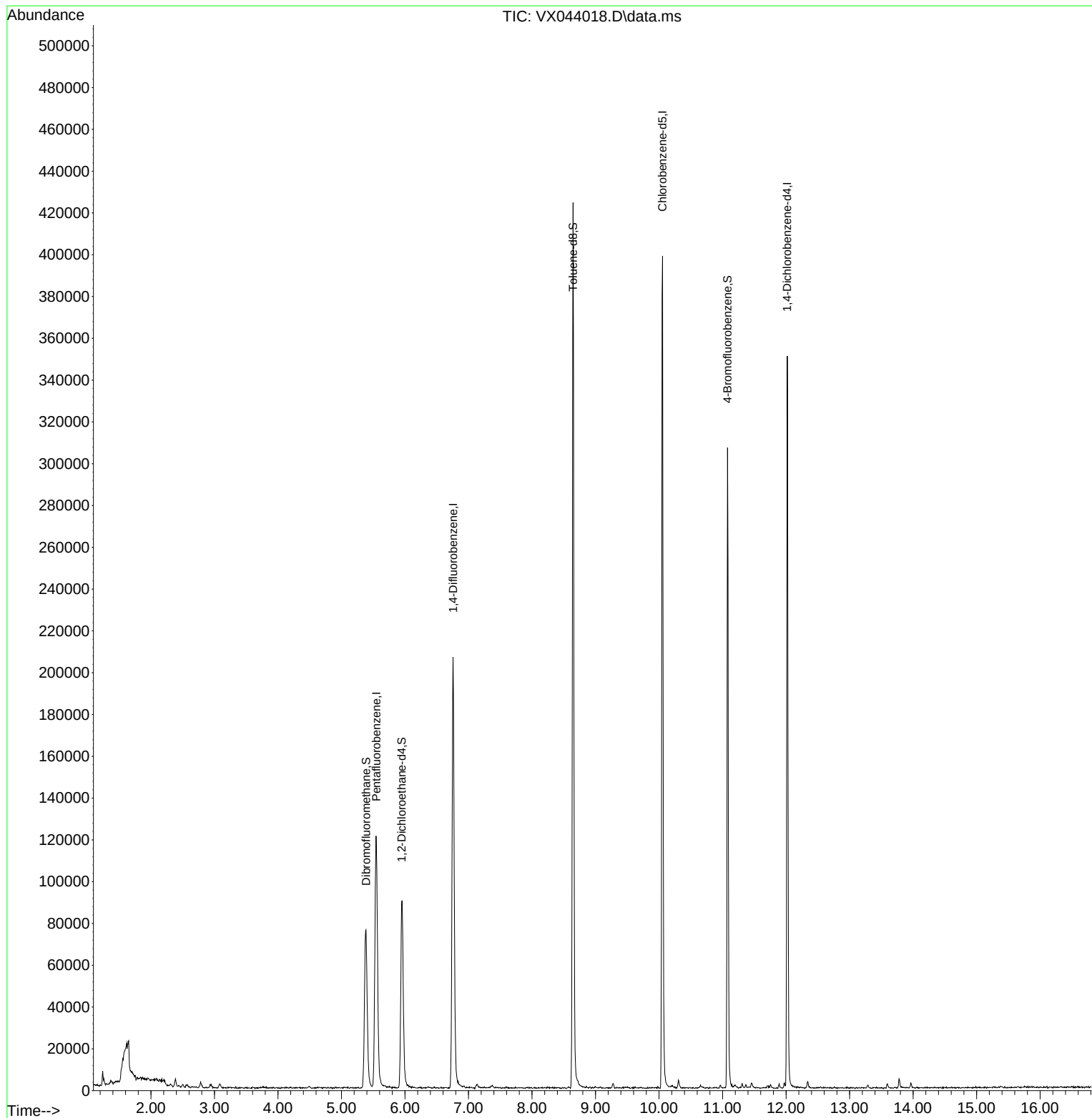
Target Compounds Qvalue

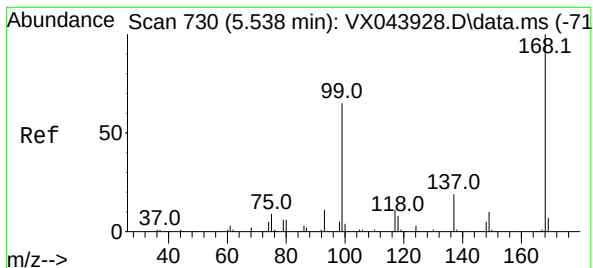
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.012 min

Lab File: VX044018.D

Acq: 26 Nov 2024 16:00

Instrument :

MSVOA_X

ClientSampleId :

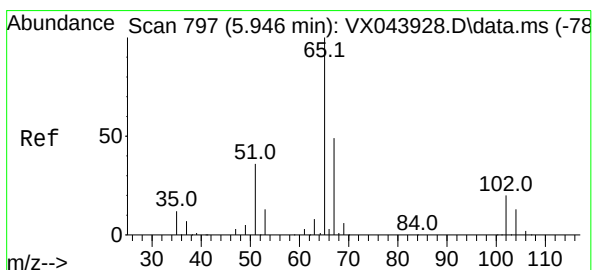
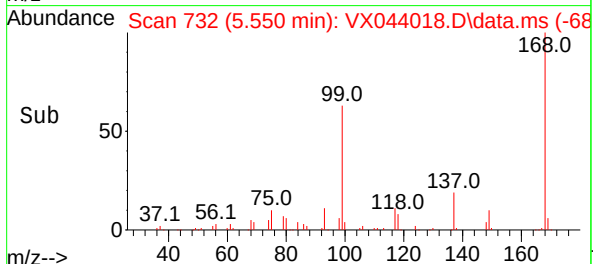
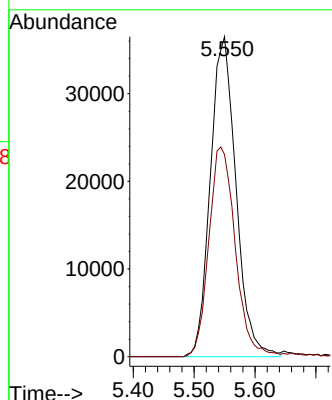
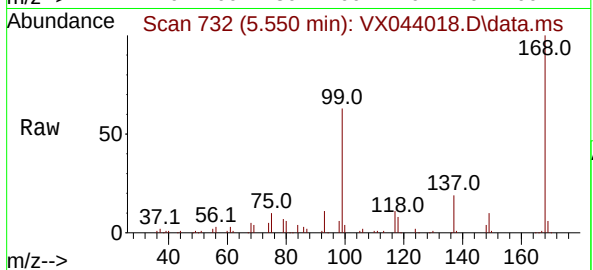
Storage-Blank-WATER-REF-4

Tgt Ion:168 Resp: 106875

Ion Ratio Lower Upper

168 100

99 63.2 51.8 77.8



#33

1,2-Dichloroethane-d4

Concen: 48.850 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX044018.D

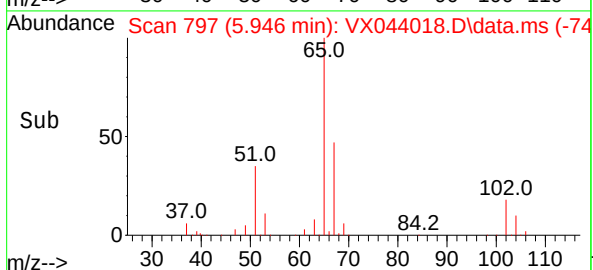
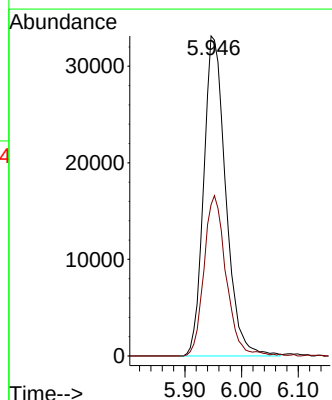
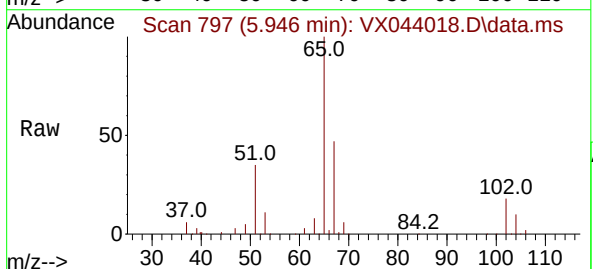
Acq: 26 Nov 2024 16:00

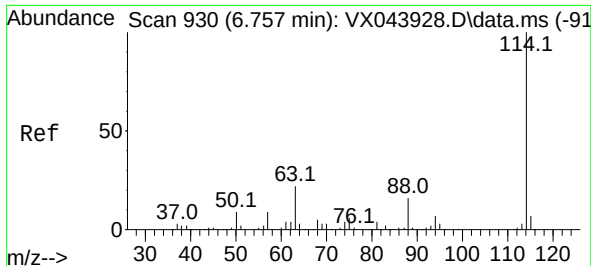
Tgt Ion: 65 Resp: 89546

Ion Ratio Lower Upper

65 100

67 50.3 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX044018.D

Acq: 26 Nov 2024 16:00

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-WATER-REF-4

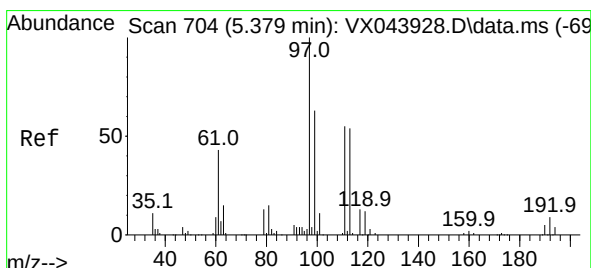
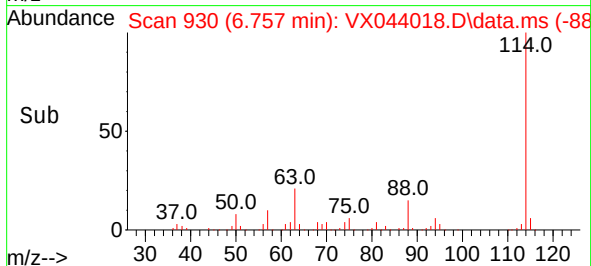
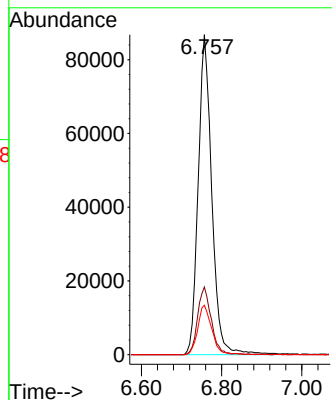
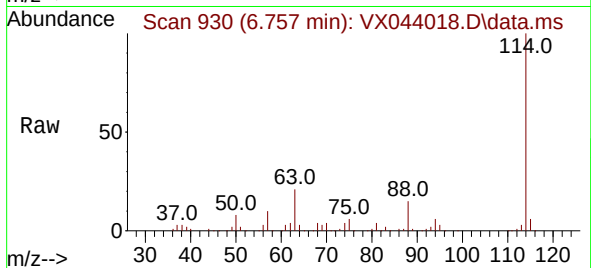
Tgt Ion:114 Resp: 204073

Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.0

88 15.5 0.0 32.4



#35

Dibromofluoromethane

Concen: 45.636 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX044018.D

Acq: 26 Nov 2024 16:00

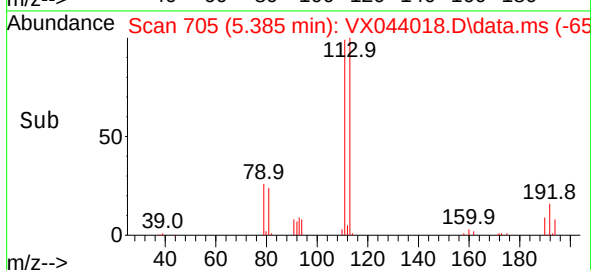
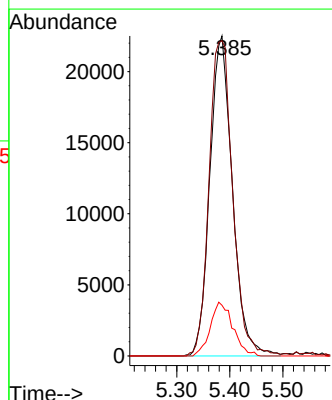
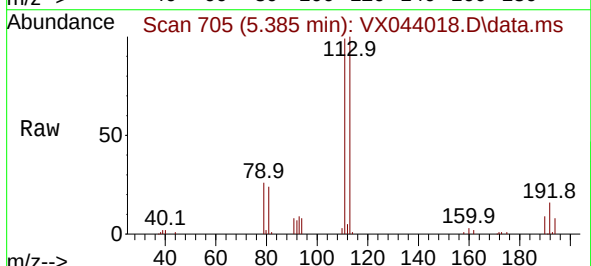
Tgt Ion:113 Resp: 66547

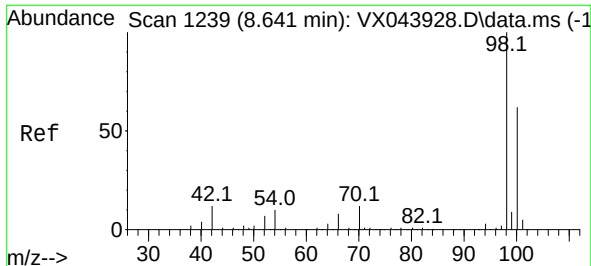
Ion Ratio Lower Upper

113 100

111 103.1 81.0 121.4

192 16.9 13.0 19.6





#50

Toluene-d8

Concen: 49.090 ug/l

RT: 8.647 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VX044018.D

Acq: 26 Nov 2024 16:00

Instrument :

MSVOA_X

ClientSampleId :

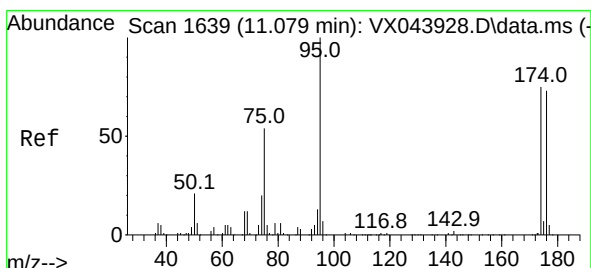
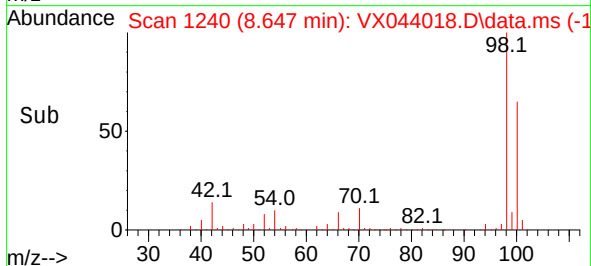
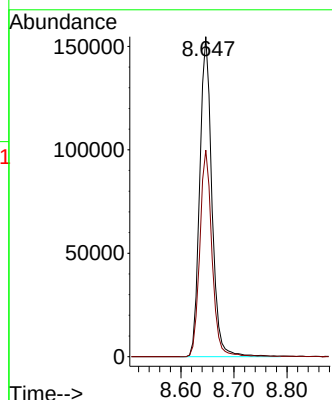
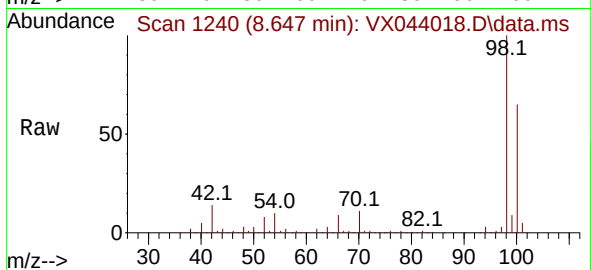
Storage-Blank-WATER-REF-4

Tgt Ion: 98 Resp: 246755

Ion Ratio Lower Upper

98 100

100 64.7 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 45.909 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044018.D

Acq: 26 Nov 2024 16:00

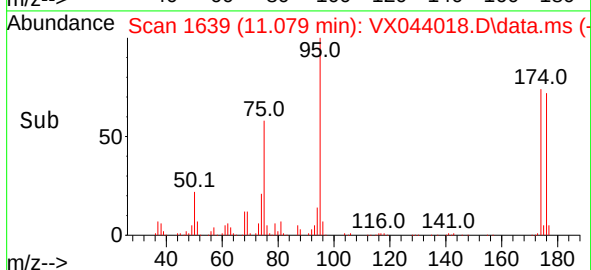
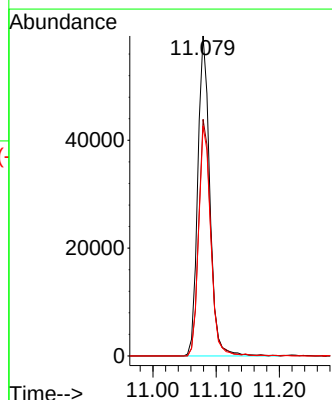
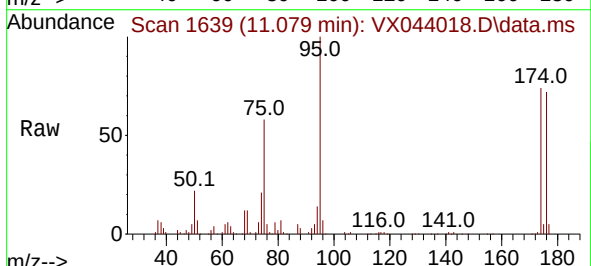
Tgt Ion: 95 Resp: 78535

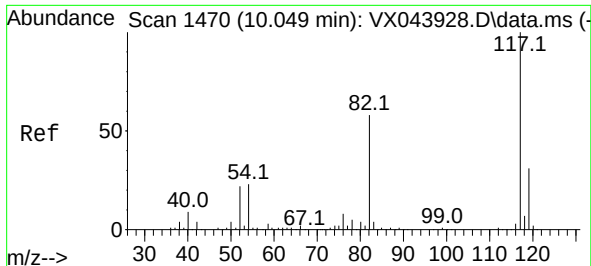
Ion Ratio Lower Upper

95 100

174 74.5 0.0 150.4

176 72.0 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: VX044018.D

Acq: 26 Nov 2024 16:00

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-WATER-REF-4

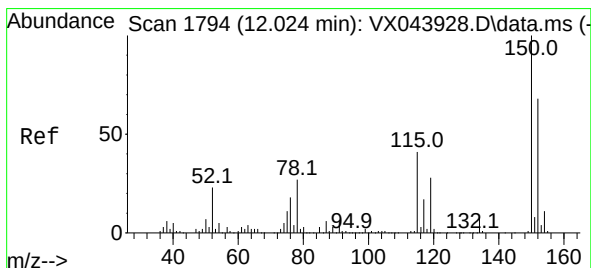
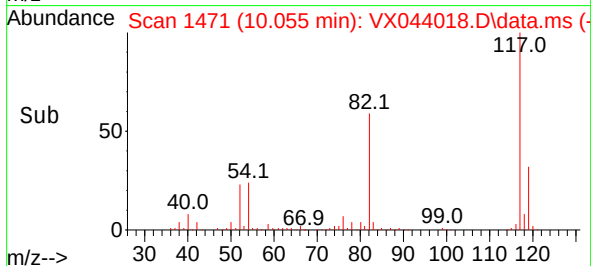
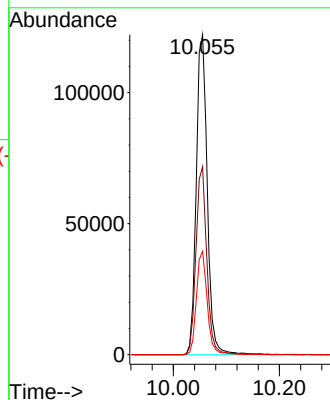
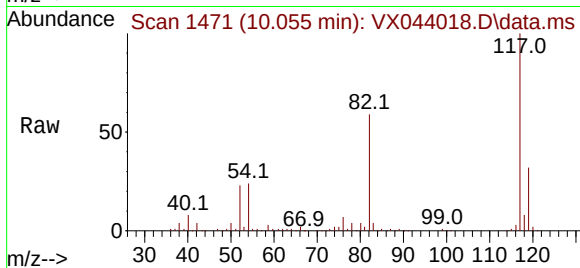
Tgt Ion:117 Resp: 175500

Ion Ratio Lower Upper

117 100

82 58.8 46.4 69.6

119 32.3 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044018.D

Acq: 26 Nov 2024 16:00

Tgt Ion:152 Resp: 67821

Ion Ratio Lower Upper

152 100

115 63.7 45.4 136.2

150 160.6 0.0 353.0

