

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043934.D
 Acq On : 21 Nov 2024 14:50
 Operator : JC/MD
 Sample : VX1121WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBL01

Quant Time: Nov 22 03:58:32 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	5.544	168	130697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	247747	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	216577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	110985	49.510	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.020%
35) Dibromofluoromethane	5.385	113	81362	45.960	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.920%
50) Toluene-d8	8.647	98	301761	49.450	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.900%
62) 4-Bromofluorobenzene	11.079	95	101842	49.038	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.080%

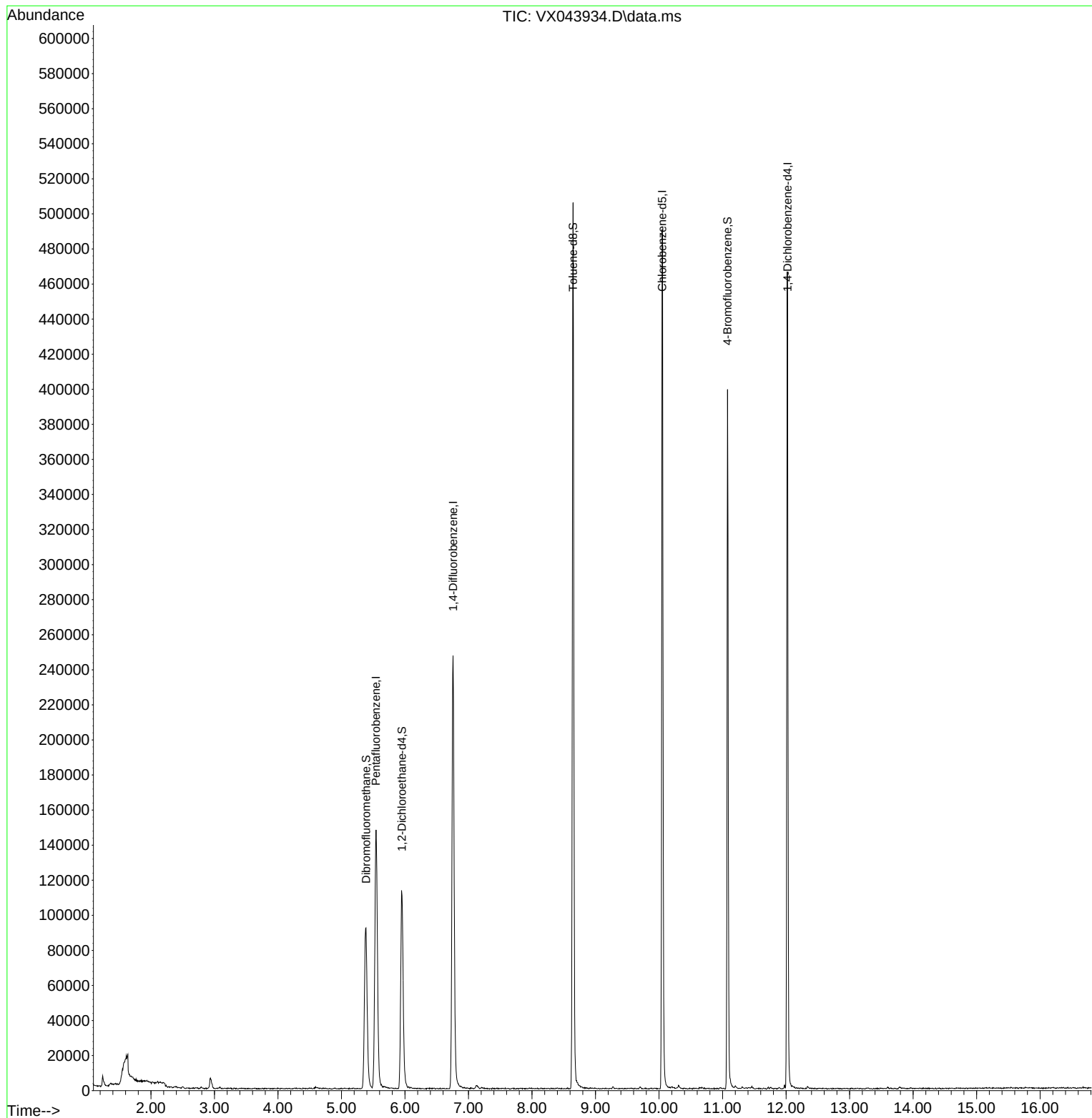
Target Compounds Qvalue

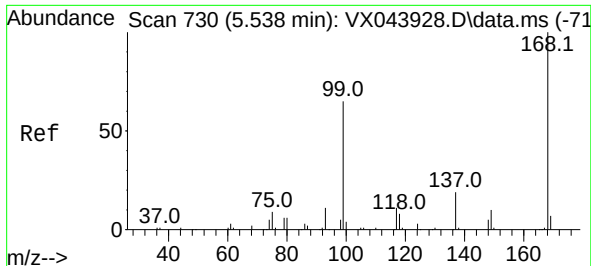
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 741

Delta R.T. 0.006 min

Lab File: VX043934.D

Acq: 21 Nov 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

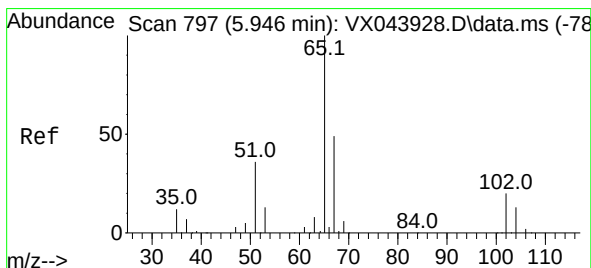
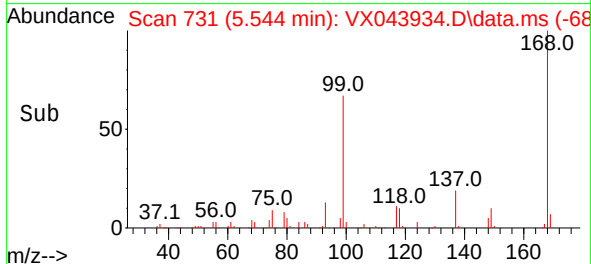
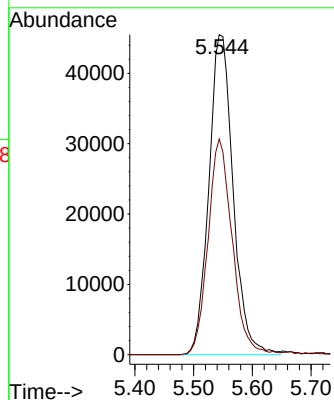
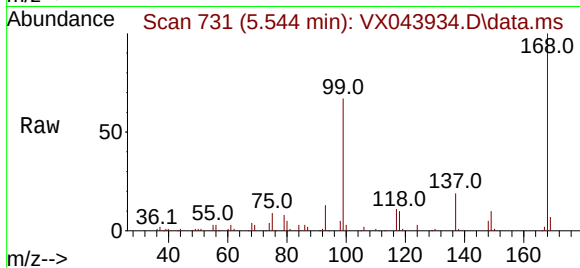
VX1121WBL01

Tgt Ion:168 Resp: 130697

Ion Ratio Lower Upper

168 100

99 67.4 51.8 77.8



#33

1,2-Dichloroethane-d4

Concen: 49.510 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX043934.D

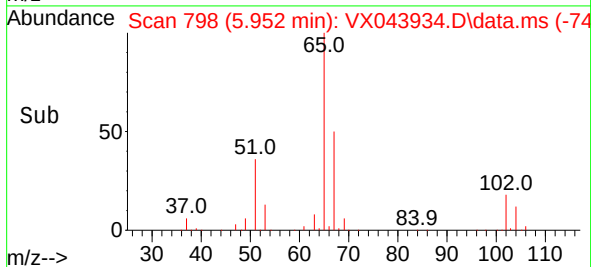
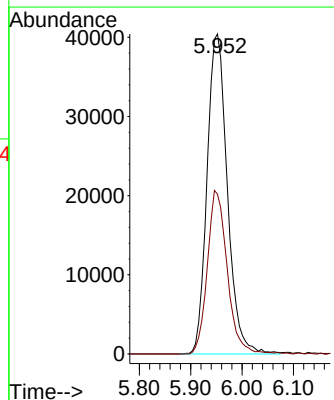
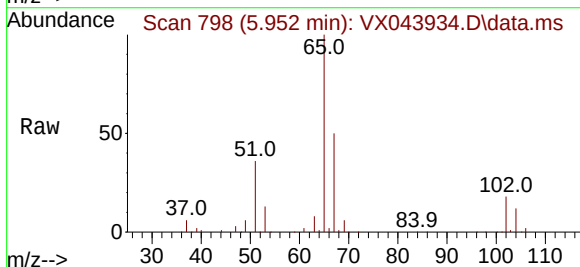
Acq: 21 Nov 2024 14:50

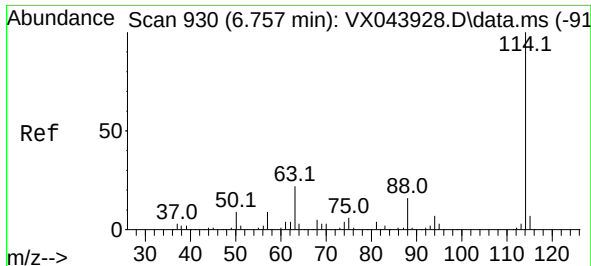
Tgt Ion: 65 Resp: 110985

Ion Ratio Lower Upper

65 100

67 50.2 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: VX043934.D

Acq: 21 Nov 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBL01

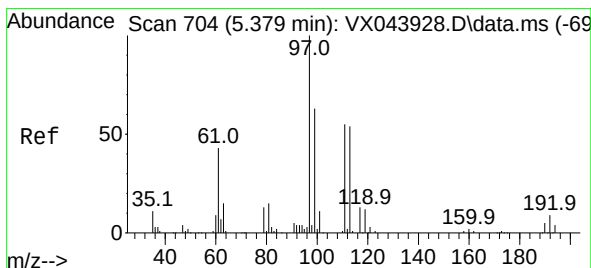
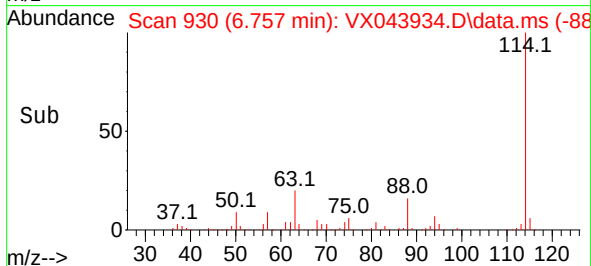
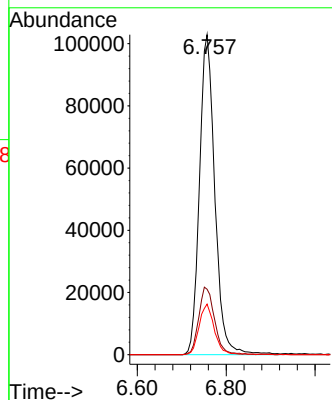
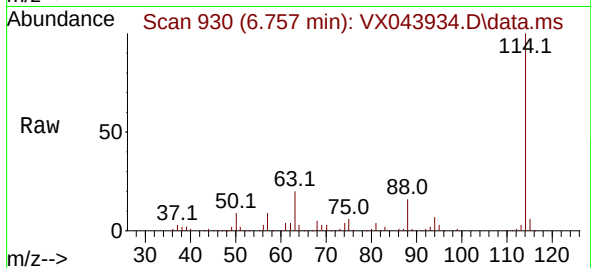
Tgt Ion:114 Resp: 247747

Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.0

88 15.8 0.0 32.4



#35

Dibromofluoromethane

Concen: 45.960 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX043934.D

Acq: 21 Nov 2024 14:50

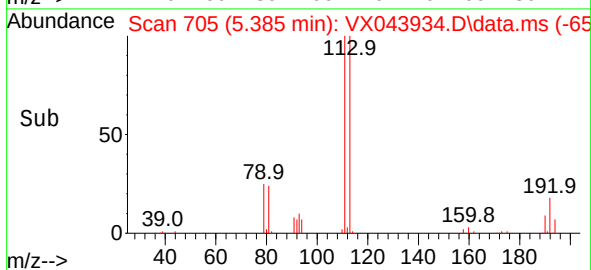
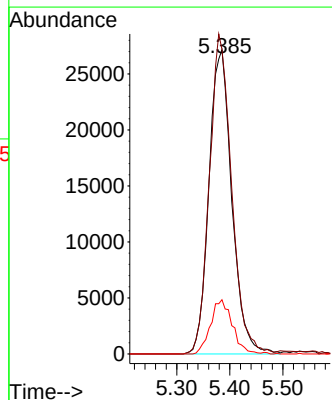
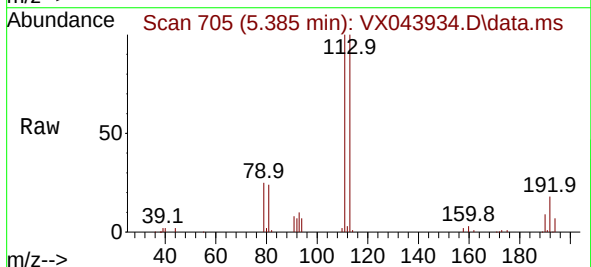
Tgt Ion:113 Resp: 81362

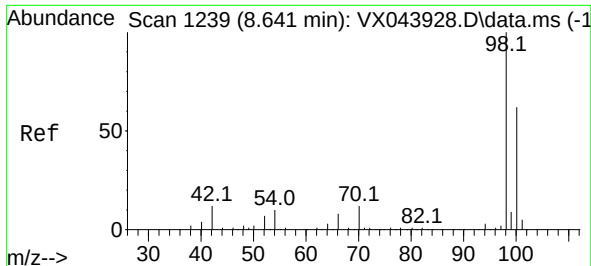
Ion Ratio Lower Upper

113 100

111 102.3 81.0 121.4

192 16.9 13.0 19.6





#50

Toluene-d8

Concen: 49.450 ug/l

RT: 8.647 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VX043934.D

Acq: 21 Nov 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

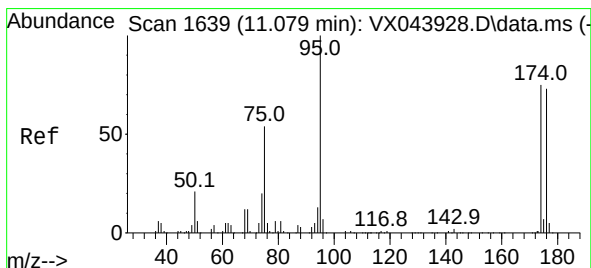
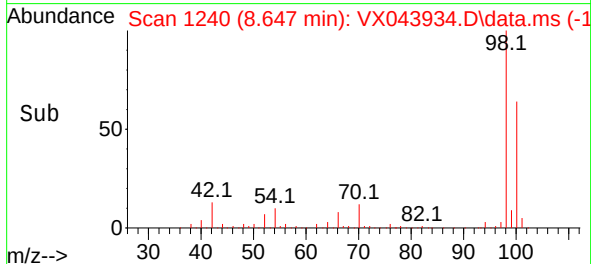
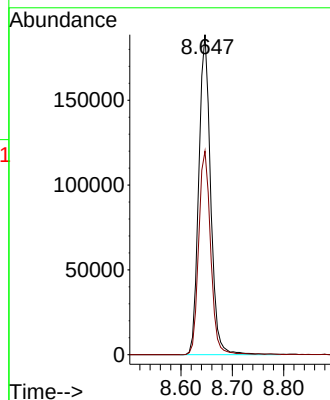
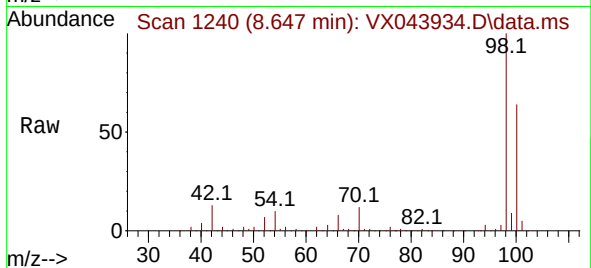
VX1121WBL01

Tgt Ion: 98 Resp: 301761

Ion Ratio Lower Upper

98 100

100 64.0 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 49.038 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX043934.D

Acq: 21 Nov 2024 14:50

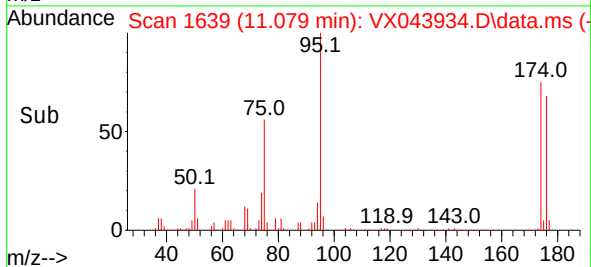
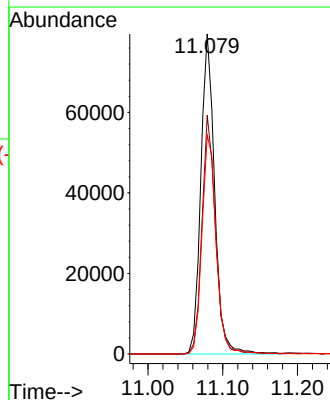
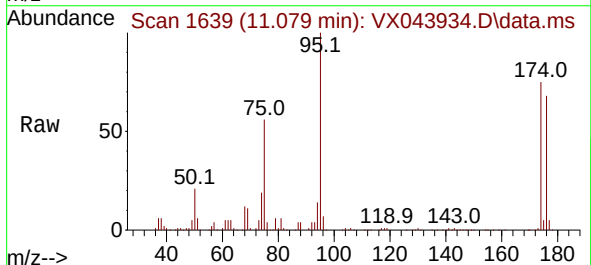
Tgt Ion: 95 Resp: 101842

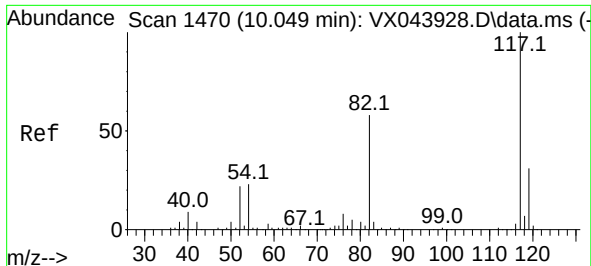
Ion Ratio Lower Upper

95 100

174 73.7 0.0 150.4

176 70.2 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX043934.D

Acq: 21 Nov 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBL01

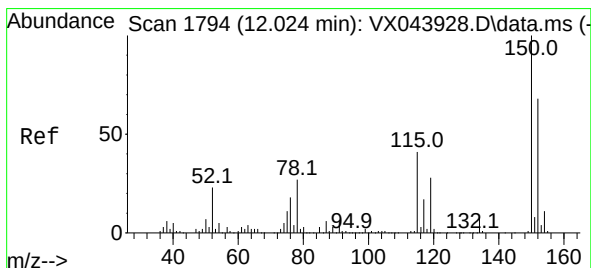
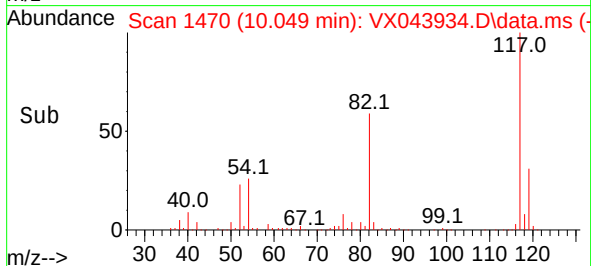
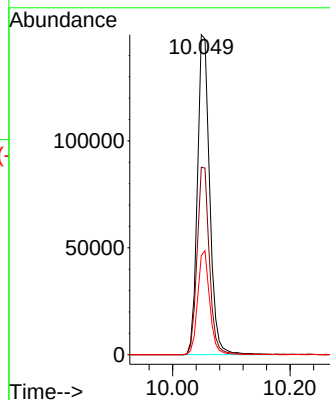
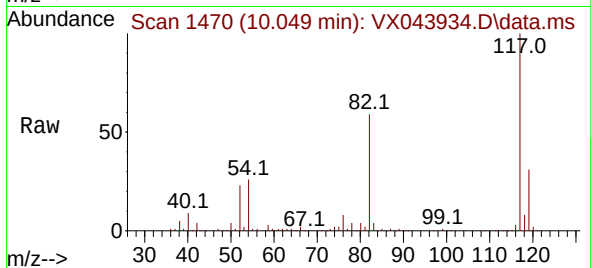
Tgt Ion:117 Resp: 216577

Ion Ratio Lower Upper

117 100

82 58.6 46.4 69.6

119 31.0 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX043934.D

Acq: 21 Nov 2024 14:50

Tgt Ion:152 Resp: 92124

Ion Ratio Lower Upper

152 100

115 61.8 45.4 136.2

150 157.8 0.0 353.0

