

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
 Data File : VX046212.D
 Acq On : 15 May 2025 14:34
 Operator : JC/MD
 Sample : Q2050-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-150-152

Quant Time: May 16 01:06:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

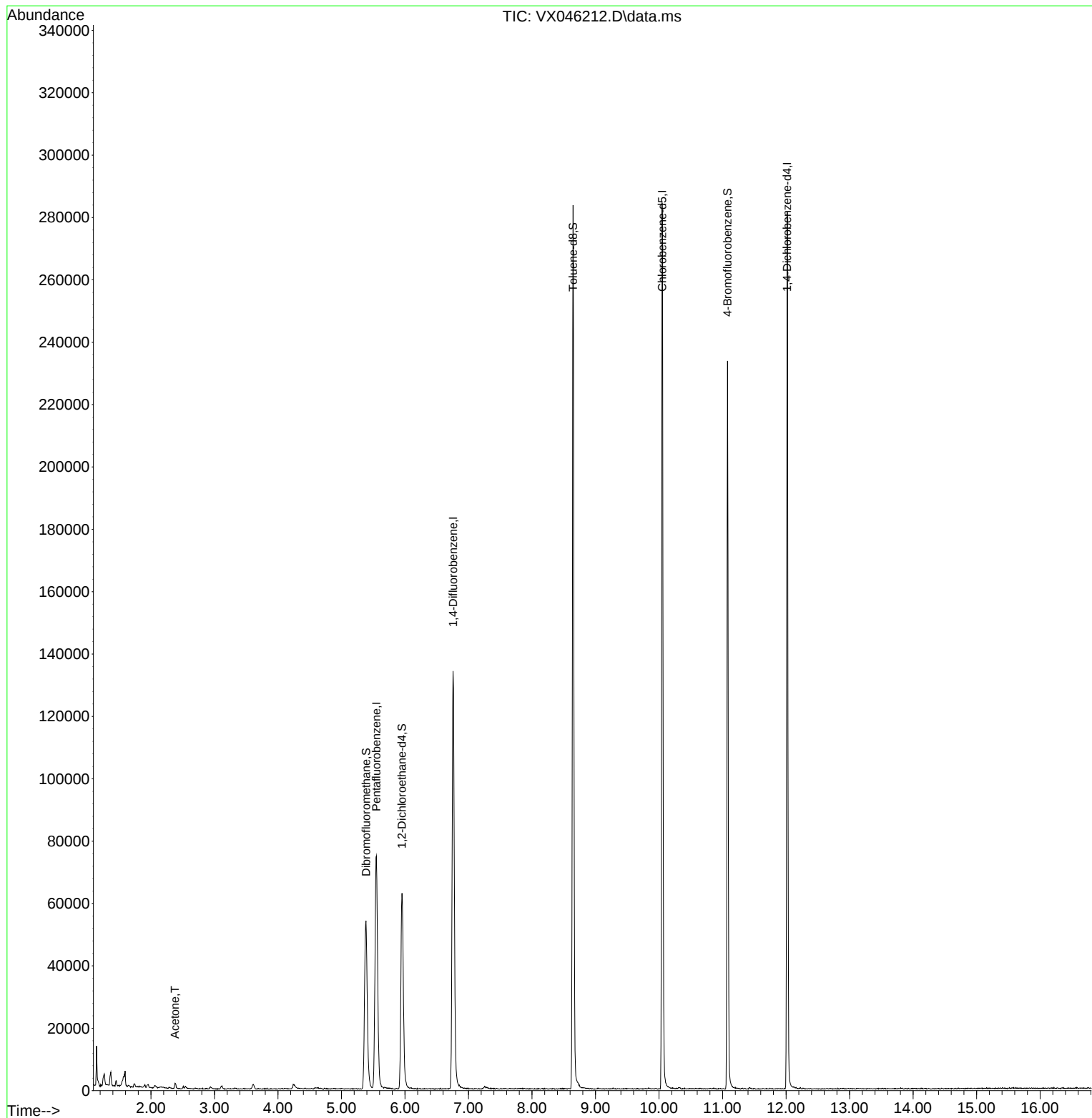
Internal Standards						
1) Pentafluorobenzene	5.550	168	63694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128038	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66083	55.651	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.300%
35) Dibromofluoromethane	5.385	113	48275	52.358	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.720%
50) Toluene-d8	8.647	98	161234	50.525	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.040%
62) 4-Bromofluorobenzene	11.079	95	61266	50.050	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.100%
Target Compounds						
16) Acetone	2.380	43	1902	3.995	ug/l	Qvalue 99

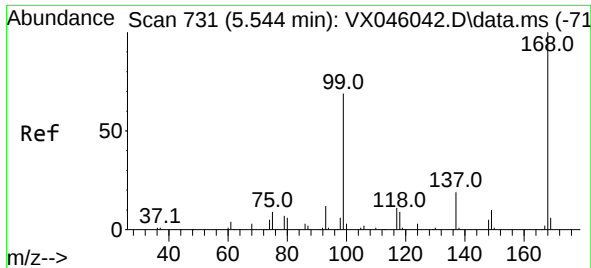
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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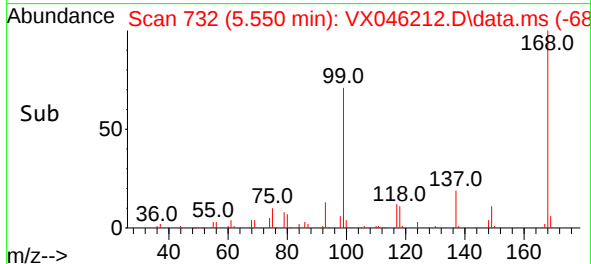
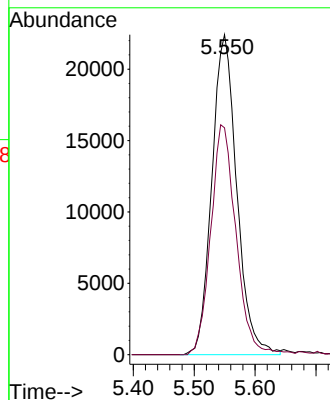
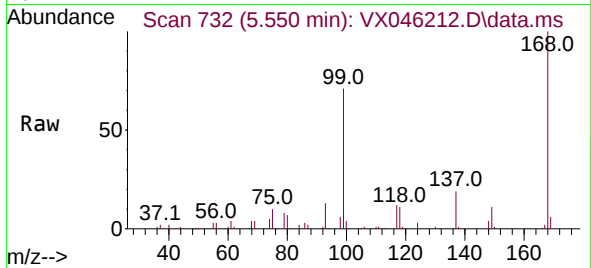




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046212.D
Acq: 15 May 2025 14:34

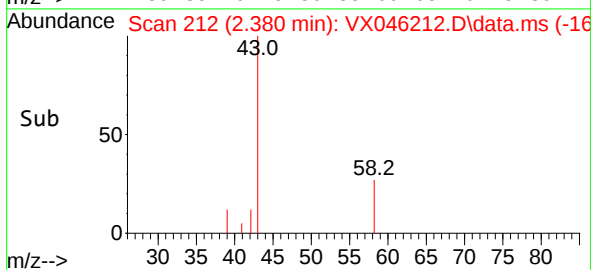
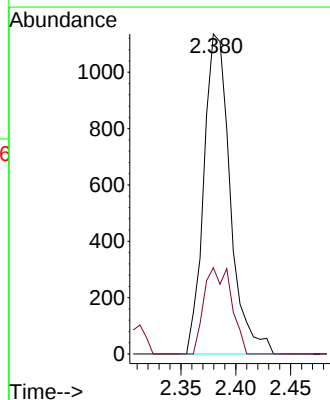
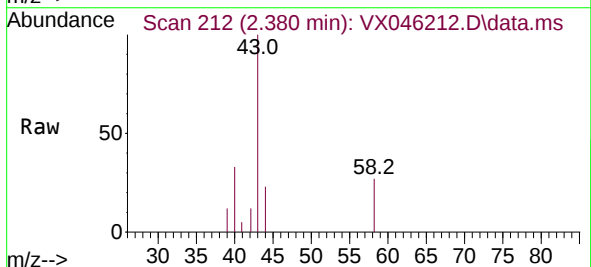
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-150-152

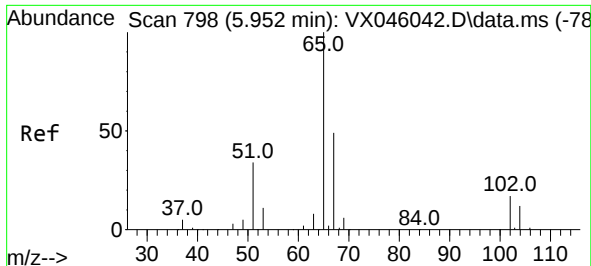
Tgt Ion:168 Resp: 63694
Ion Ratio Lower Upper
168 100
99 70.9 54.9 82.3



#16
Acetone
Concen: 3.995 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046212.D
Acq: 15 May 2025 14:34

Tgt Ion: 43 Resp: 1902
Ion Ratio Lower Upper
43 100
58 26.9 21.2 31.8





#33

1,2-Dichloroethane-d4

Concen: 55.651 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046212.D

Acq: 15 May 2025 14:34

Instrument :

MSVOA_X

ClientSampleId :

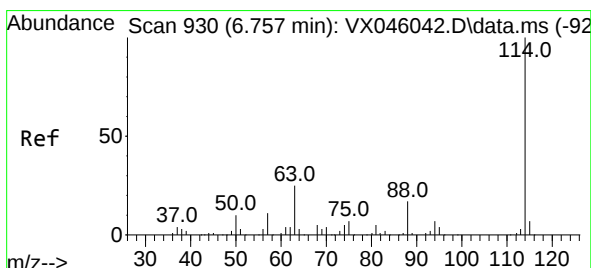
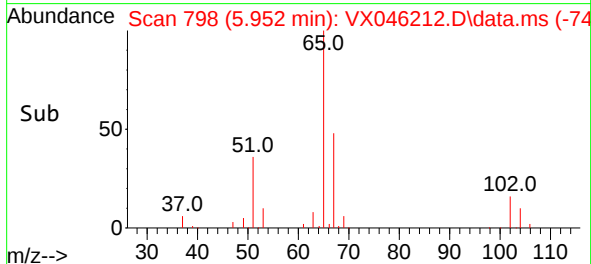
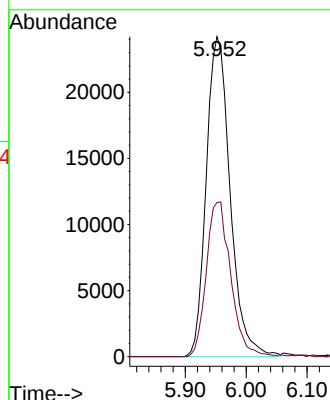
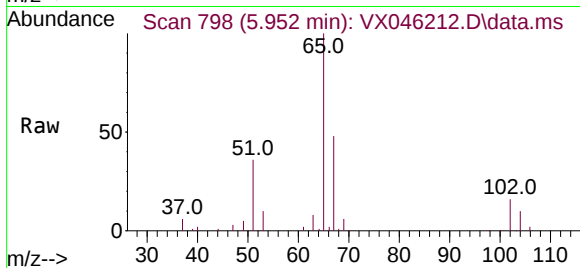
BP-VPB-182-GW-150-152

Tgt Ion: 65 Resp: 66083

Ion Ratio Lower Upper

65 100

67 49.4 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046212.D

Acq: 15 May 2025 14:34

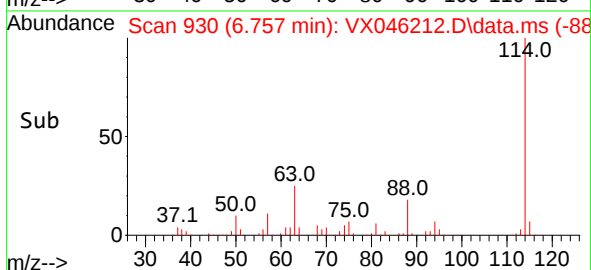
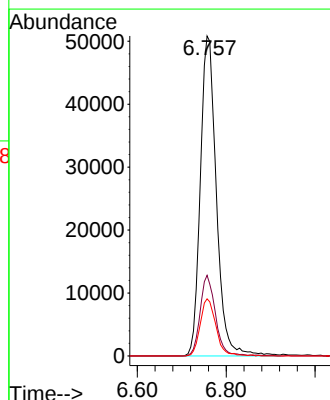
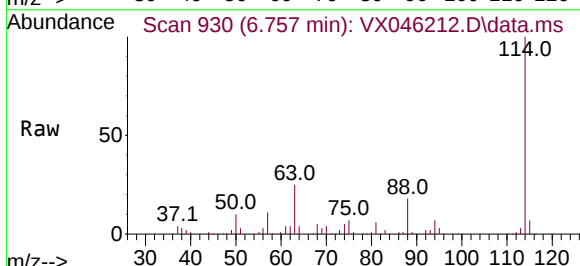
Tgt Ion: 114 Resp: 128038

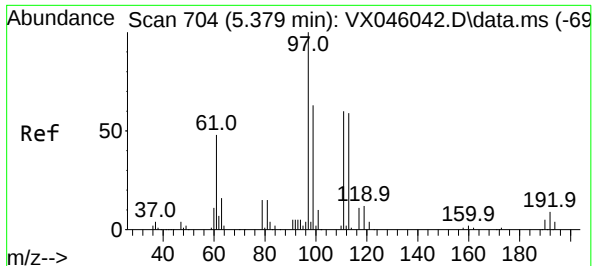
Ion Ratio Lower Upper

114 100

63 25.2 0.0 49.2

88 17.8 0.0 33.6

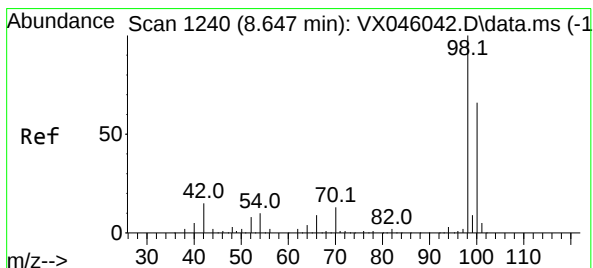
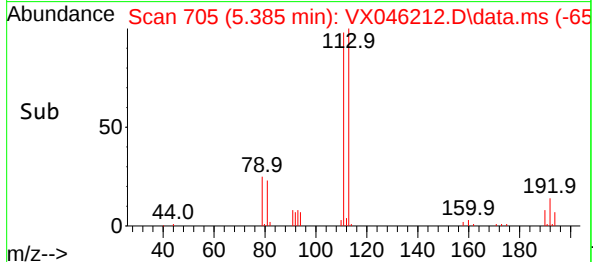
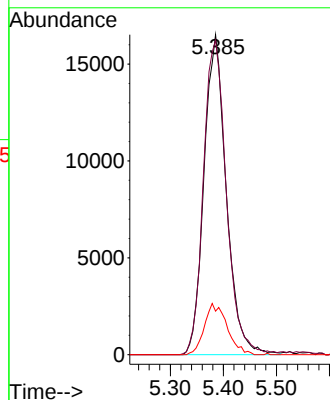
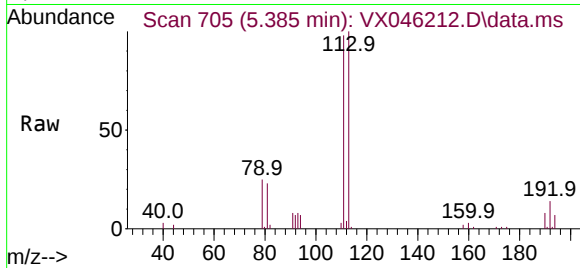




#35
Dibromofluoromethane
Concen: 52.358 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046212.D
Acq: 15 May 2025 14:34

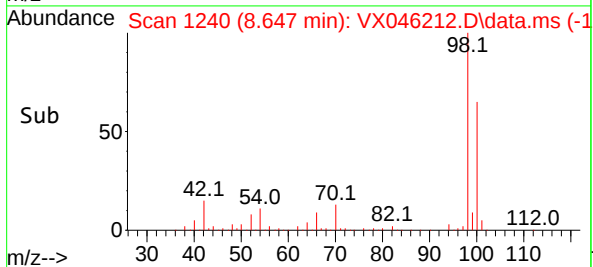
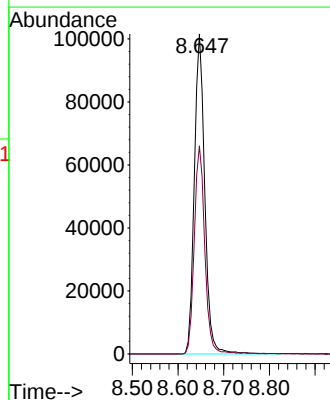
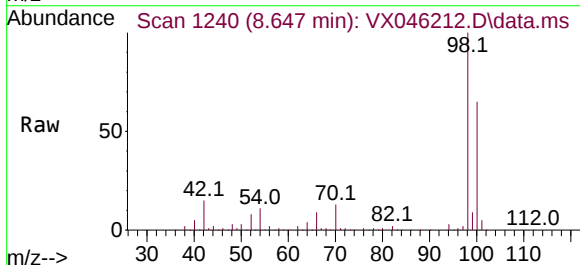
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-150-152

Tgt Ion:113 Resp: 48275
Ion Ratio Lower Upper
113 100
111 101.4 83.1 124.7
192 16.3 13.3 19.9



#50
Toluene-d8
Concen: 50.525 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046212.D
Acq: 15 May 2025 14:34

Tgt Ion: 98 Resp: 161234
Ion Ratio Lower Upper
98 100
100 65.3 53.5 80.3





#62

4-Bromofluorobenzene

Concen: 50.050 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046212.D

Acq: 15 May 2025 14:34

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-150-152

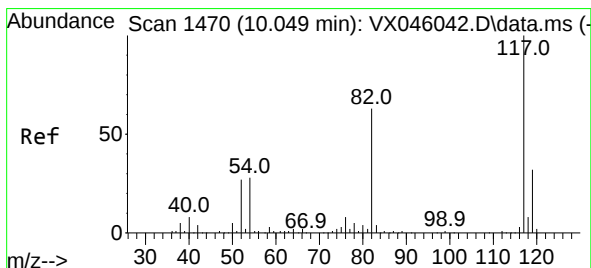
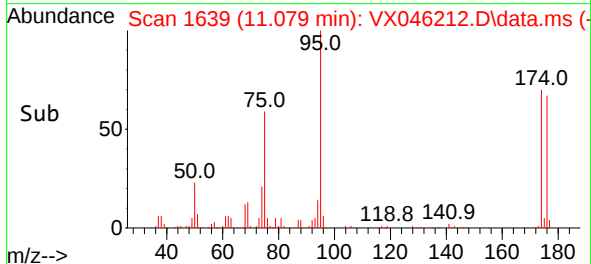
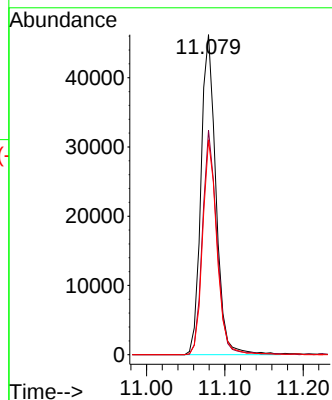
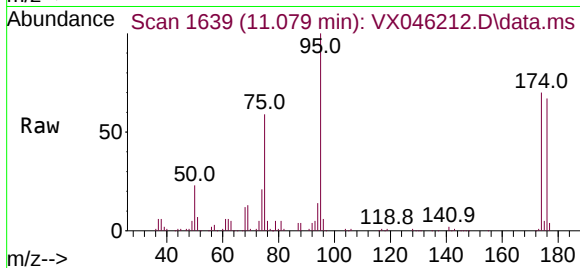
Tgt Ion: 95 Resp: 61266

Ion Ratio Lower Upper

95 100

174 67.4 0.0 135.8

176 64.5 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX046212.D

Acq: 15 May 2025 14:34

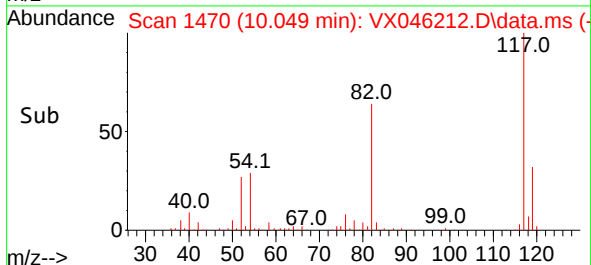
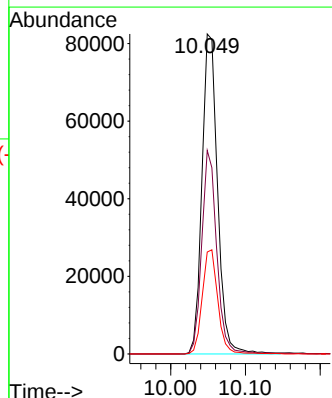
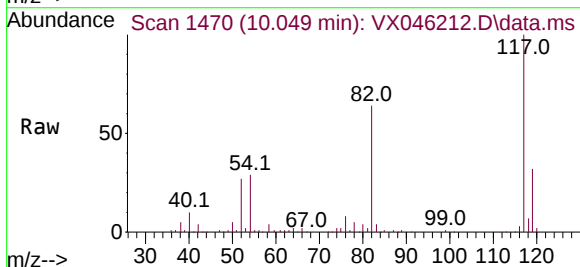
Tgt Ion: 117 Resp: 119578

Ion Ratio Lower Upper

117 100

82 63.6 50.6 76.0

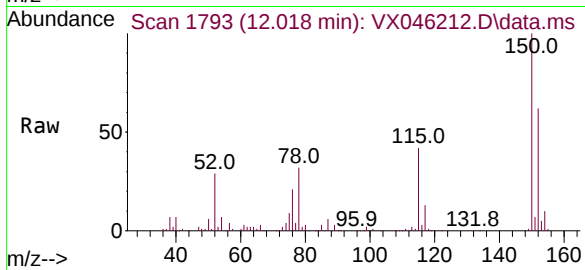
119 31.9 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046212.D
 Acq: 15 May 2025 14:34

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-150-152



Tgt Ion:152 Resp: 51539
 Ion Ratio Lower Upper
 152 100
 115 65.7 46.9 140.7
 150 159.3 0.0 351.0

