

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
 Data File : VX048747.D
 Acq On : 08 Dec 2025 12:33
 Operator : JC/MD
 Sample : Q3757-05RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14B-46-120325RE

Quant Time: Dec 09 04:08:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

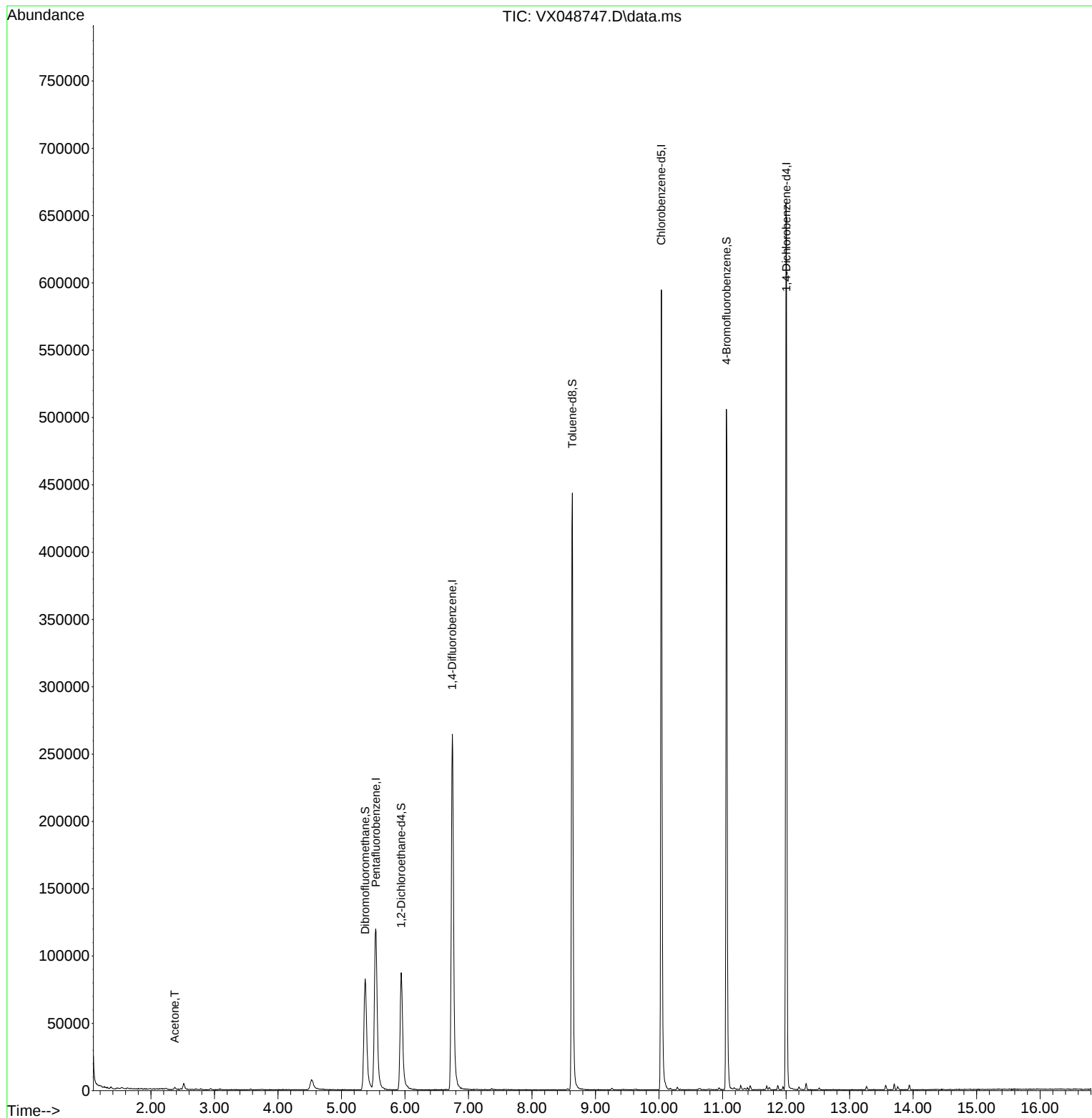
Internal Standards						
1) Pentafluorobenzene	5.544	168	124903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	299763	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	268328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	139875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	96803	57.744	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.480%
35) Dibromofluoromethane	5.373	113	79281	38.412	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	76.820%
50) Toluene-d8	8.635	98	278126	38.442	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	76.880%#
62) 4-Bromofluorobenzene	11.061	95	141911	56.882	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.760%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	2472	3.852	ug/l #	72

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

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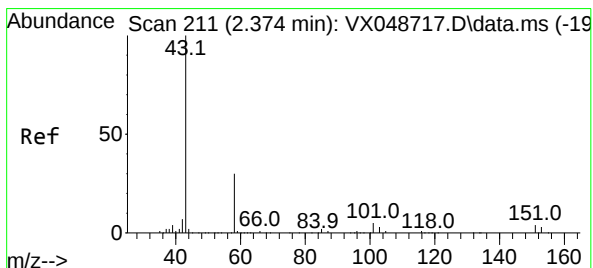
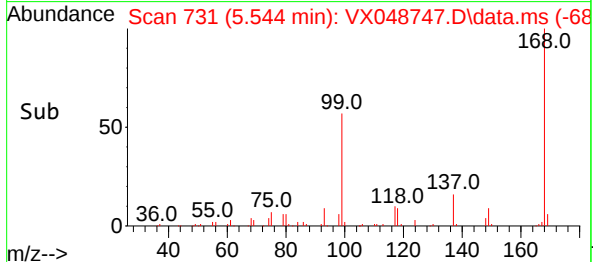
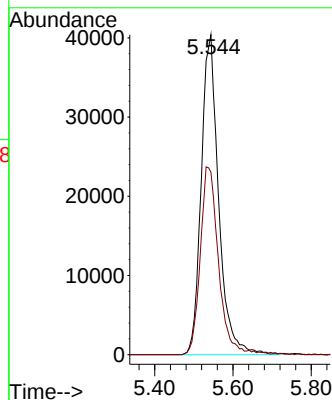
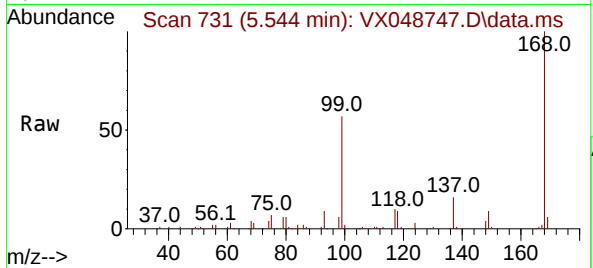




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX048747.D
Acq: 08 Dec 2025 12:33

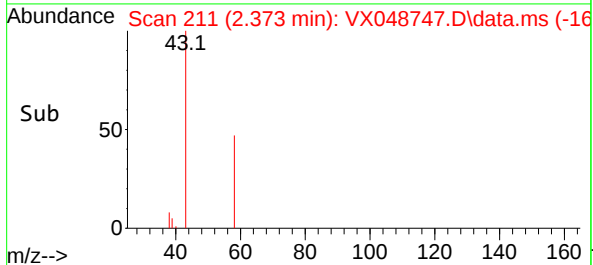
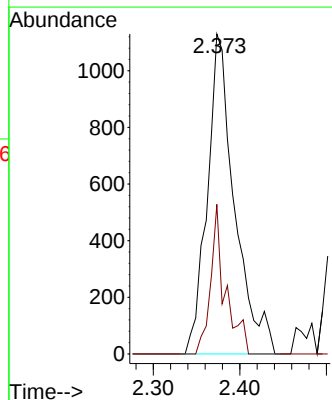
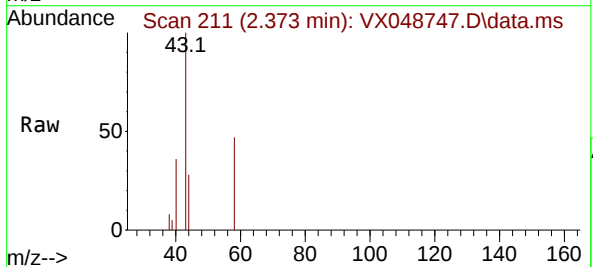
Instrument :
MSVOA_X
ClientSampleId :
MW-14B-46-120325RE

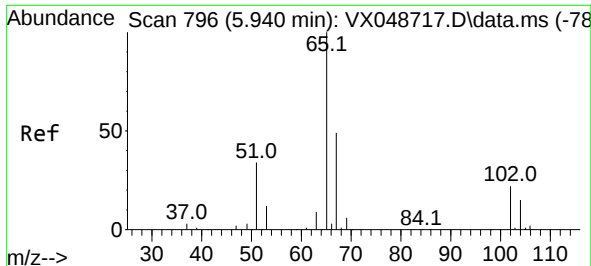
Tgt Ion:168 Resp: 124903
Ion Ratio Lower Upper
168 100
99 57.1 44.2 66.4



#16
Acetone
Concen: 3.852 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048747.D
Acq: 08 Dec 2025 12:33

Tgt Ion: 43 Resp: 2472
Ion Ratio Lower Upper
43 100
58 46.7 25.0 37.4#

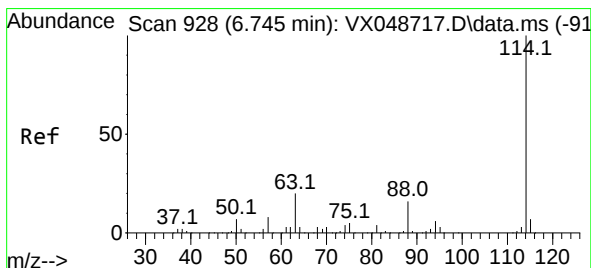
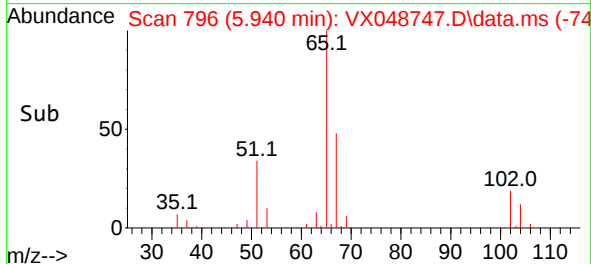
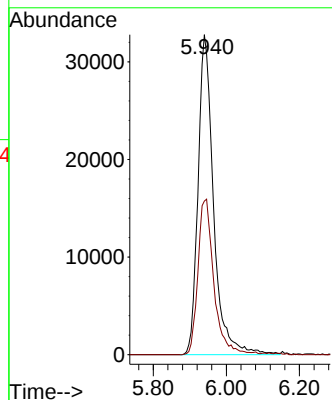
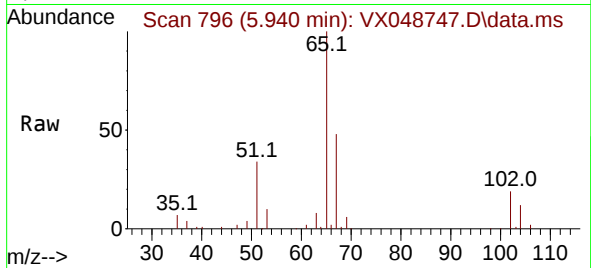




#33
 1,2-Dichloroethane-d4
 Concen: 57.744 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX048747.D
 Acq: 08 Dec 2025 12:33

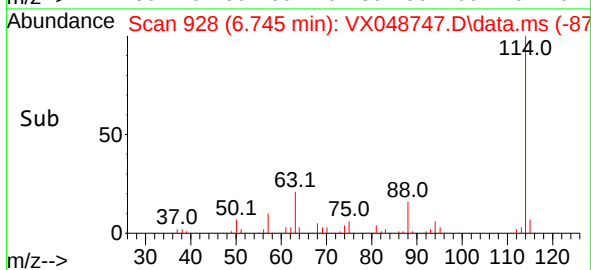
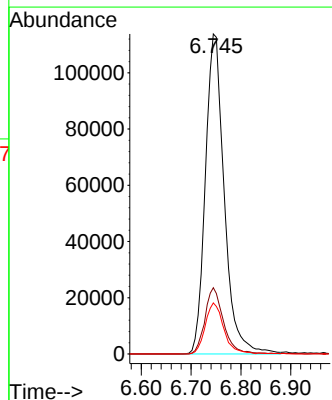
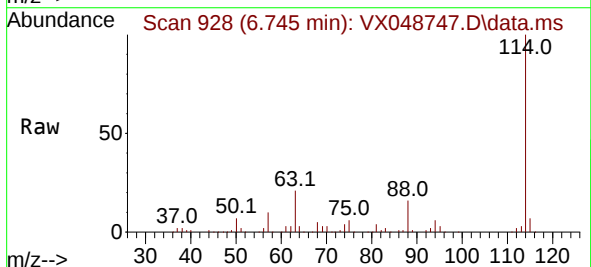
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14B-46-120325RE

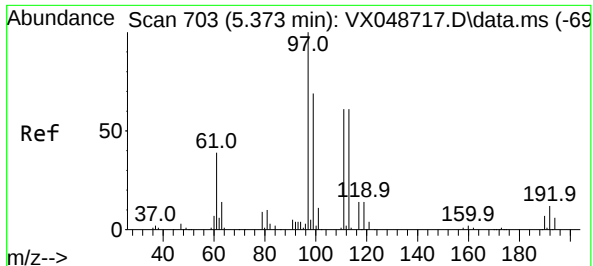
Tgt Ion: 65 Resp: 96803
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048747.D
 Acq: 08 Dec 2025 12:33

Tgt Ion: 114 Resp: 299763
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.0
 88 16.0 0.0 31.8

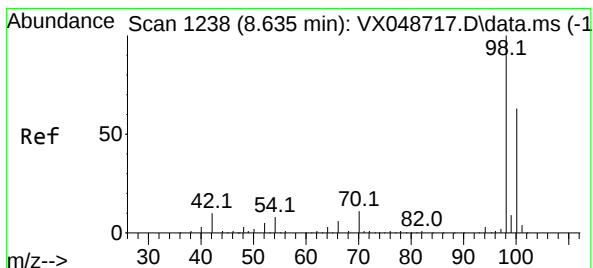
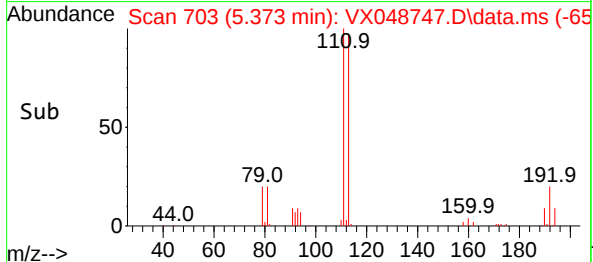
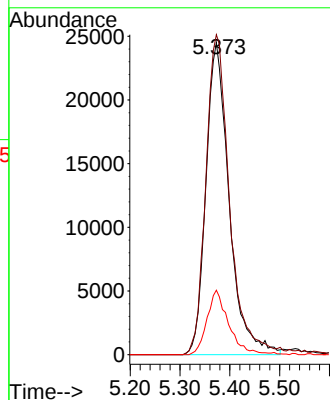
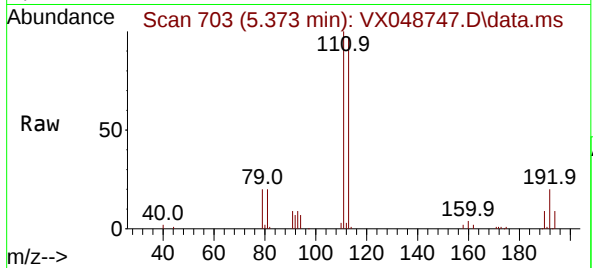




#35
Dibromofluoromethane
Concen: 38.412 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048747.D
Acq: 08 Dec 2025 12:33

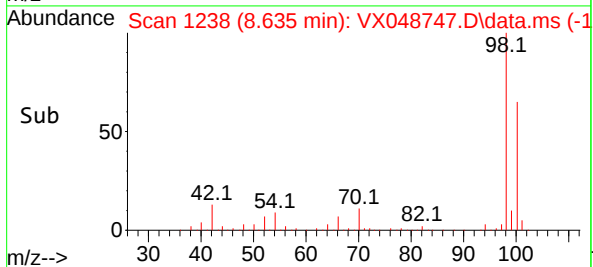
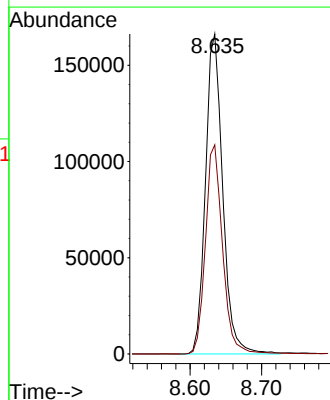
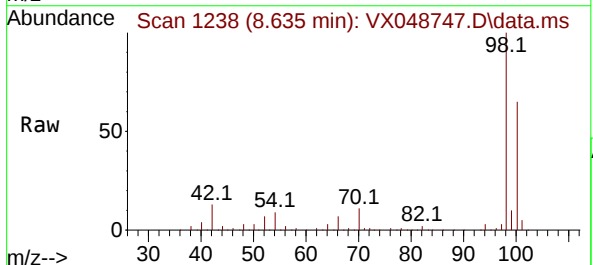
Instrument :
MSVOA_X
ClientSampleId :
MW-14B-46-120325RE

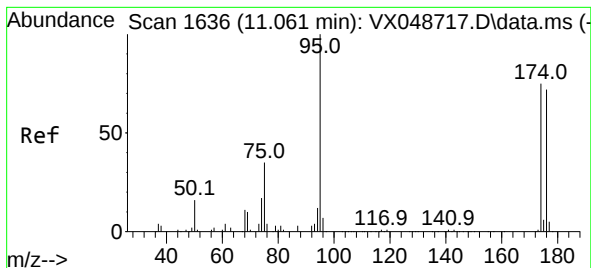
Tgt Ion:113 Resp: 79281
Ion Ratio Lower Upper
113 100
111 104.9 79.5 119.3
192 19.5 16.1 24.1



#50
Toluene-d8
Concen: 38.442 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048747.D
Acq: 08 Dec 2025 12:33

Tgt Ion: 98 Resp: 278126
Ion Ratio Lower Upper
98 100
100 65.2 53.4 80.0





#62

4-Bromofluorobenzene

Concen: 56.882 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048747.D

Acq: 08 Dec 2025 12:33

Instrument :

MSVOA_X

ClientSampleId :

MW-14B-46-120325RE

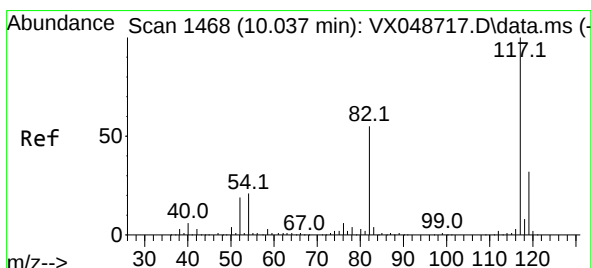
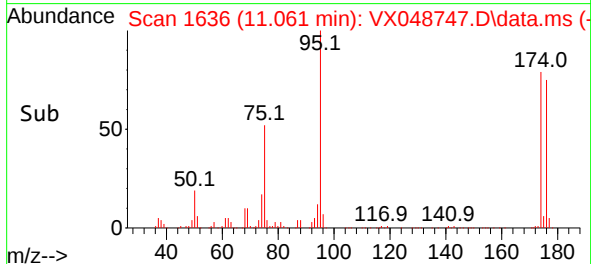
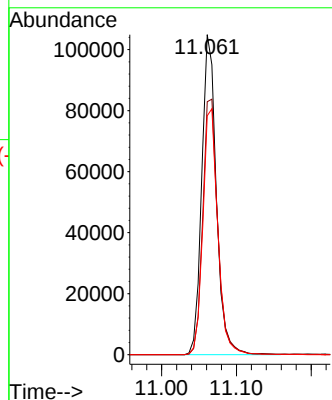
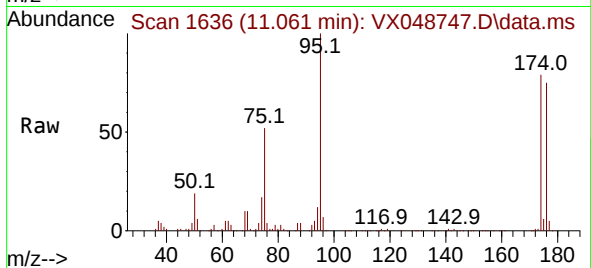
Tgt Ion: 95 Resp: 141911

Ion Ratio Lower Upper

95 100

174 82.4 0.0 157.8

176 79.0 0.0 154.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048747.D

Acq: 08 Dec 2025 12:33

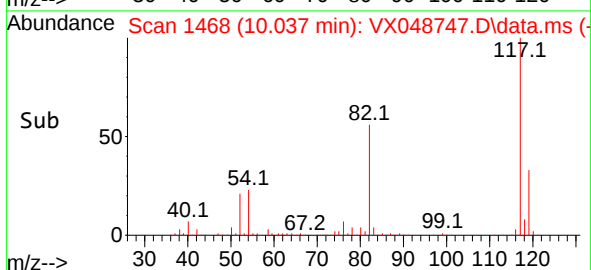
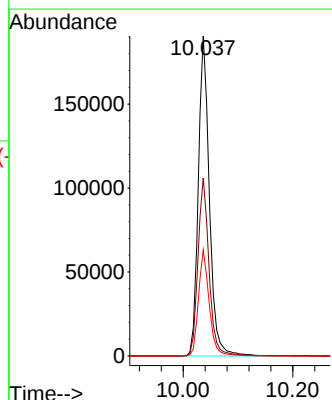
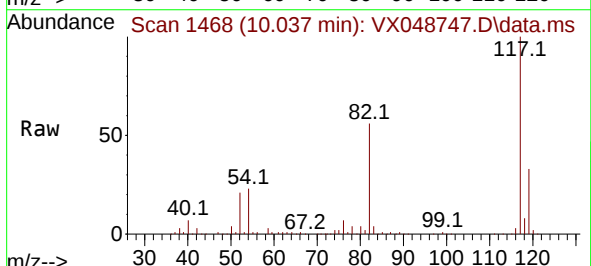
Tgt Ion: 117 Resp: 268328

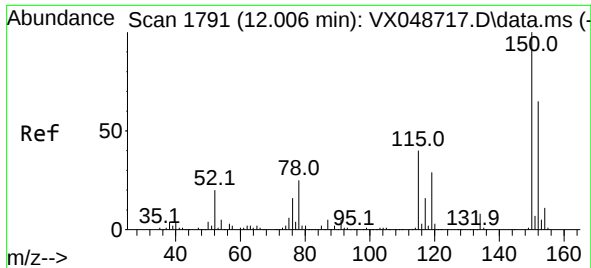
Ion Ratio Lower Upper

117 100

82 55.6 44.1 66.1

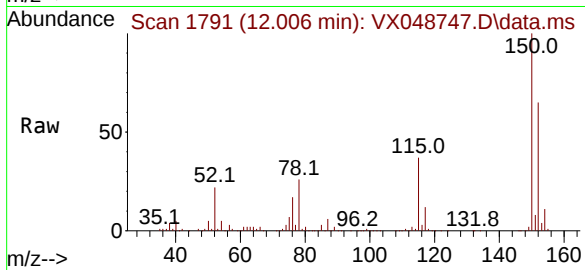
119 33.2 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048747.D
 Acq: 08 Dec 2025 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14B-46-120325RE



Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	42.1	126.4
150	156.1	0.0	347.8

