

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
 Data File : VX048769.D
 Acq On : 09 Dec 2025 09:46
 Operator : JC/MD
 Sample : VX1209WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBL01

Quant Time: Dec 10 00:13:22 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	5.538	168	129302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	266304	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	288359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	149395	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	97271	56.049	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.100%
35) Dibromofluoromethane	5.373	113	83404	45.486	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.980%
50) Toluene-d8	8.635	98	299705	46.630	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.260%
62) 4-Bromofluorobenzene	11.061	95	127733	57.632	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.260%

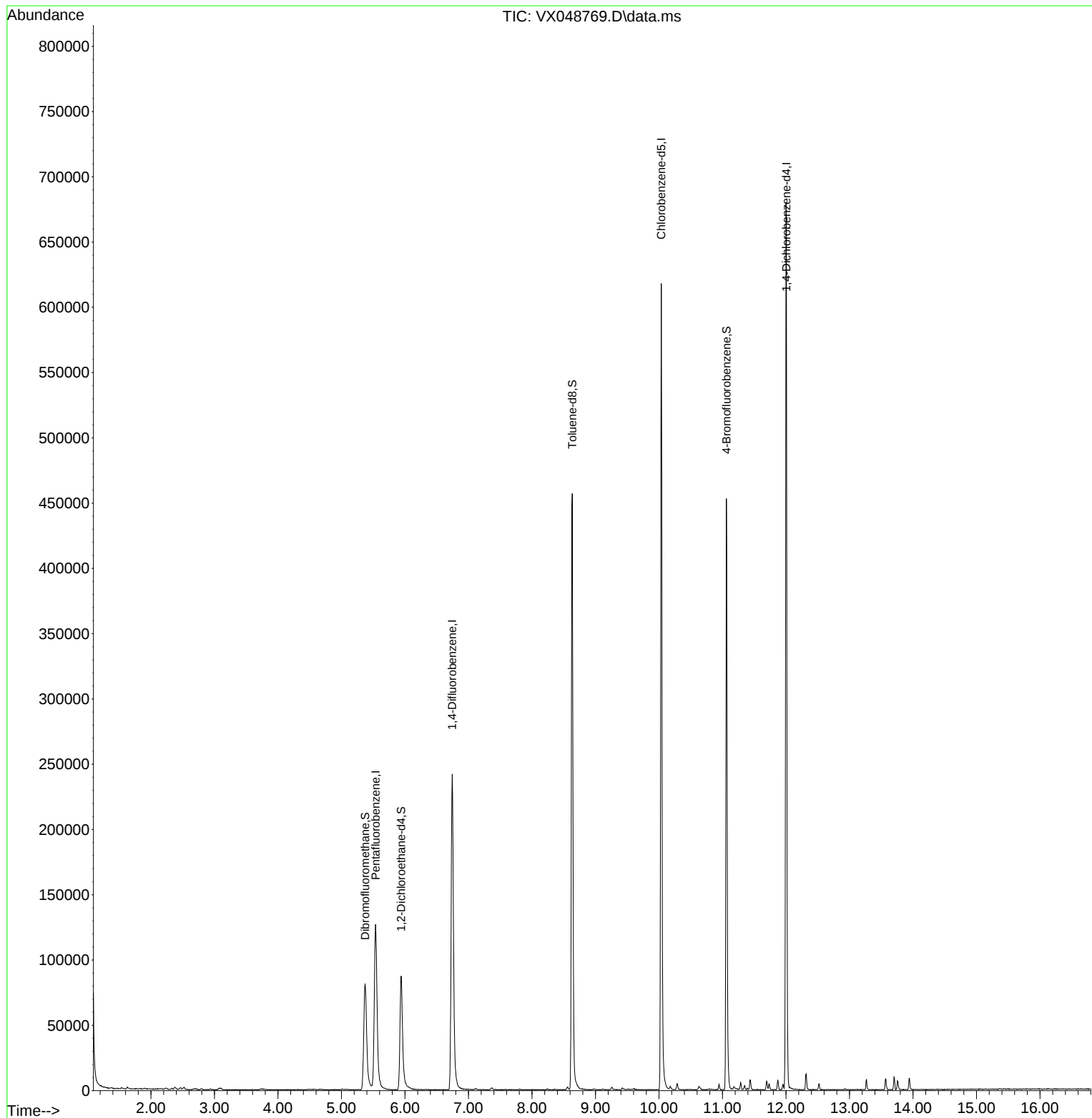
Target Compounds	Qvalue

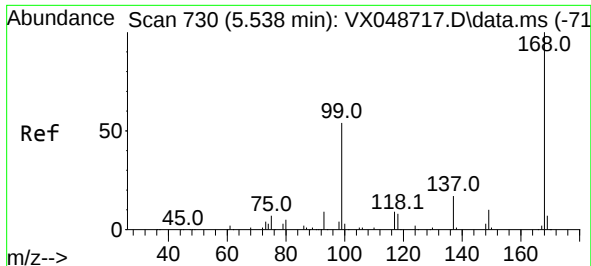
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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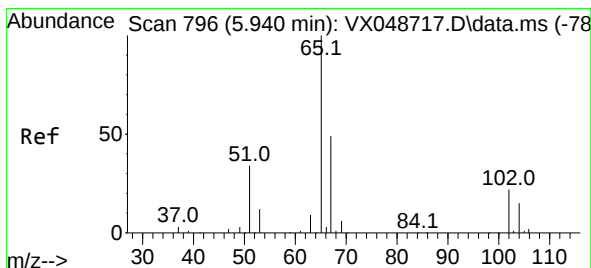
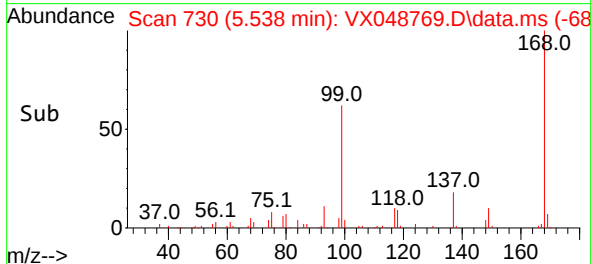
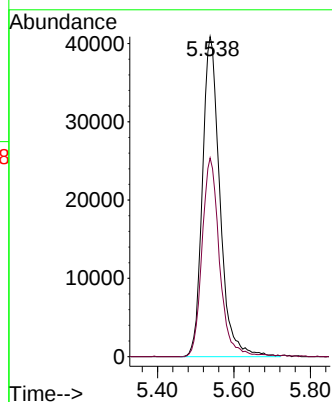
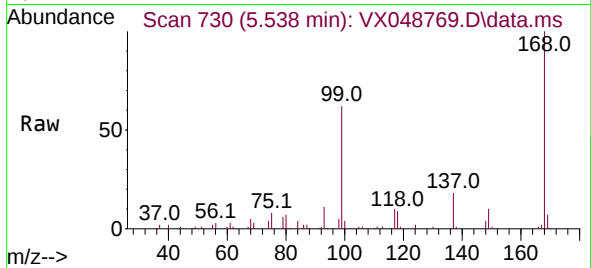




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.000 min
Lab File: VX048769.D
Acq: 09 Dec 2025 09:46

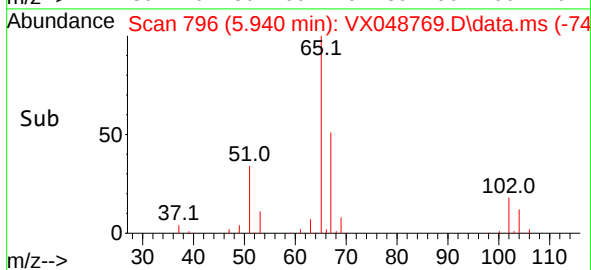
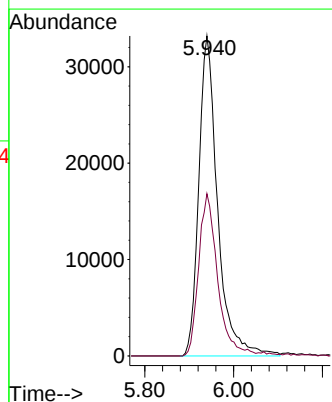
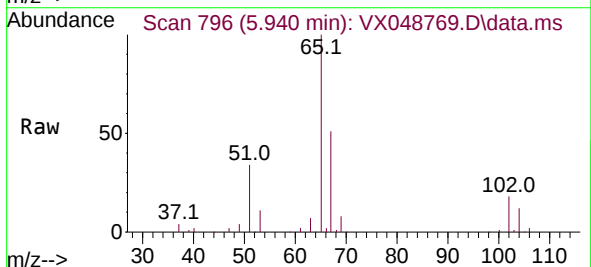
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBL01

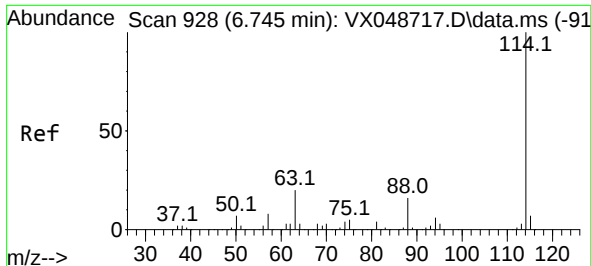
Tgt Ion:168 Resp: 129302
Ion Ratio Lower Upper
168 100
99 62.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 56.049 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048769.D
Acq: 09 Dec 2025 09:46

Tgt Ion: 65 Resp: 97271
Ion Ratio Lower Upper
65 100
67 51.0 0.0 107.4

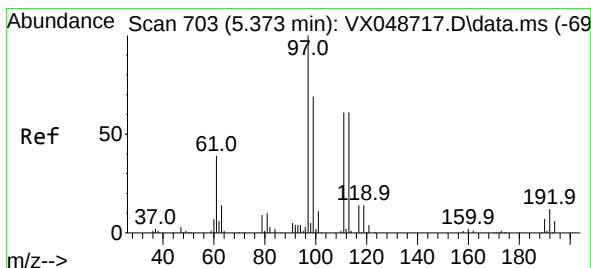
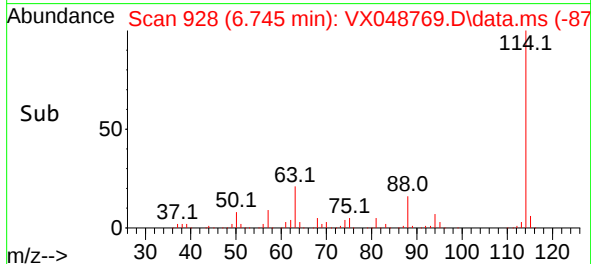
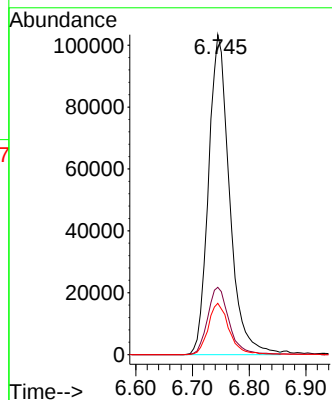
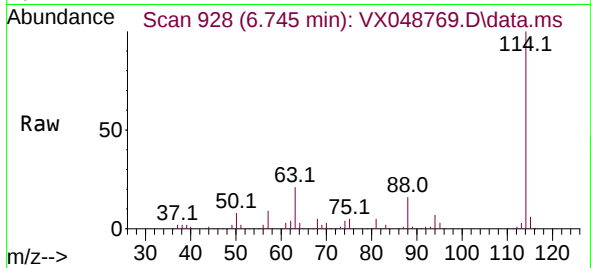




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048769.D
Acq: 09 Dec 2025 09:46

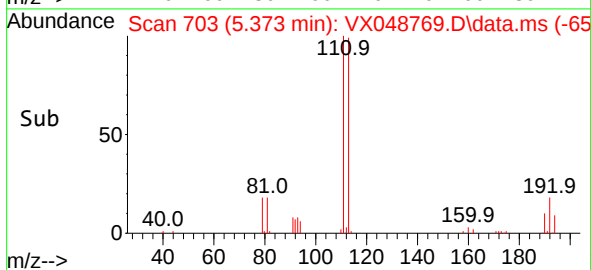
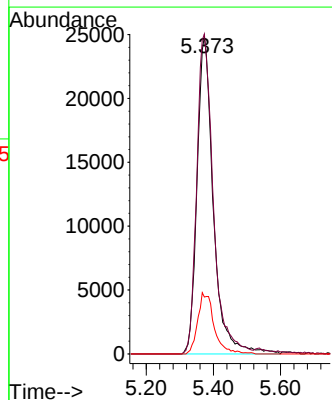
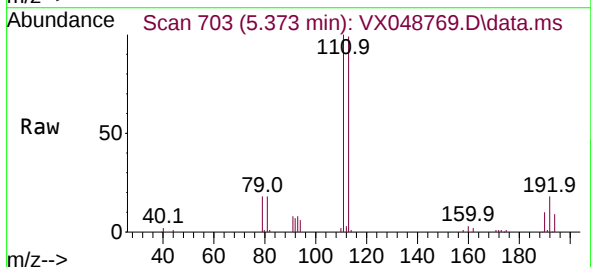
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBL01

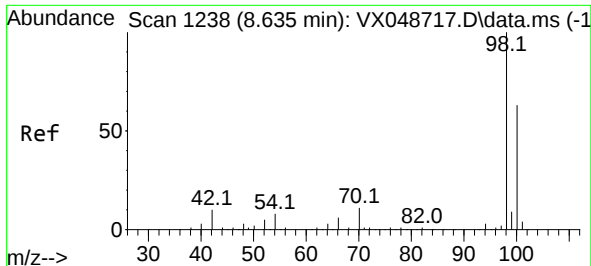
Tgt Ion:114 Resp: 266304
Ion Ratio Lower Upper
114 100
63 21.0 0.0 39.0
88 16.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.486 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048769.D
Acq: 09 Dec 2025 09:46

Tgt Ion:113 Resp: 83404
Ion Ratio Lower Upper
113 100
111 102.6 79.5 119.3
192 19.4 16.1 24.1

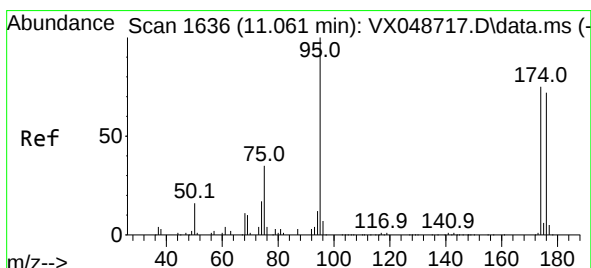
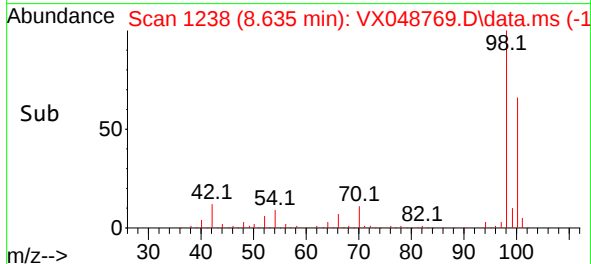
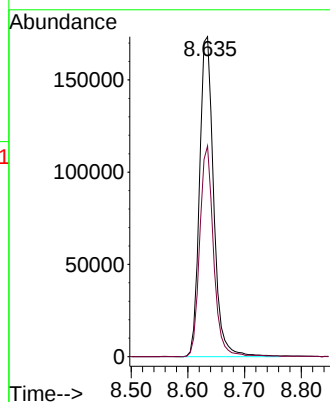
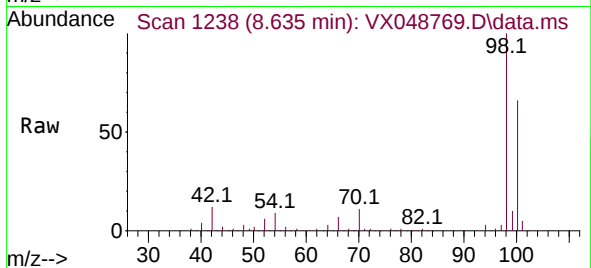




#50
Toluene-d8
Concen: 46.630 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048769.D
Acq: 09 Dec 2025 09:46

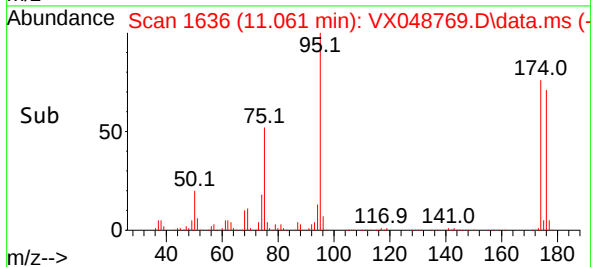
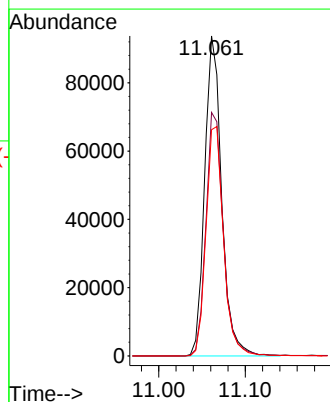
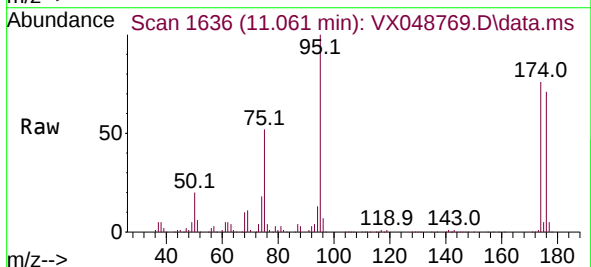
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBL01

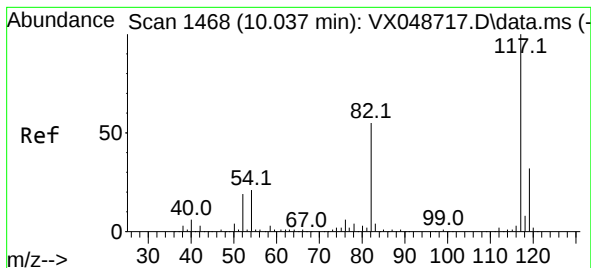
Tgt Ion: 98 Resp: 299705
Ion Ratio Lower Upper
98 100
100 64.6 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 57.632 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048769.D
Acq: 09 Dec 2025 09:46

Tgt Ion: 95 Resp: 127733
Ion Ratio Lower Upper
95 100
174 77.9 0.0 157.8
176 74.2 0.0 154.0

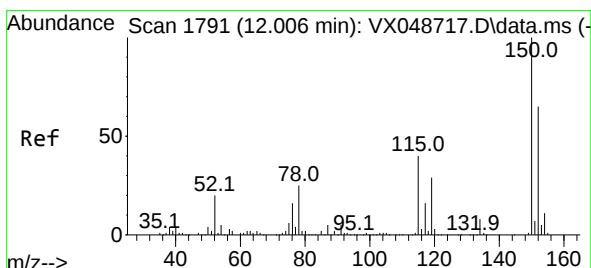
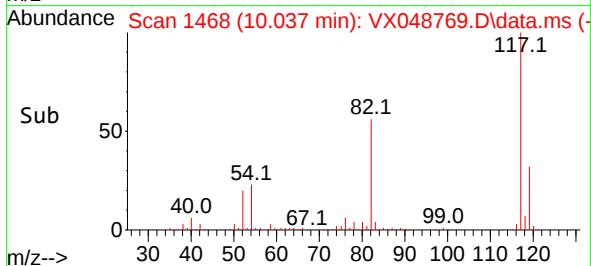
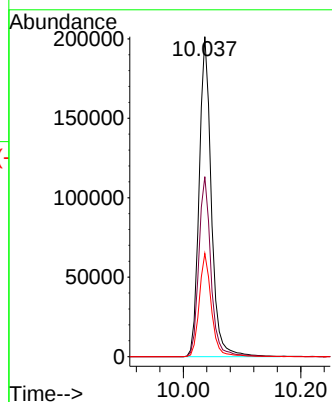
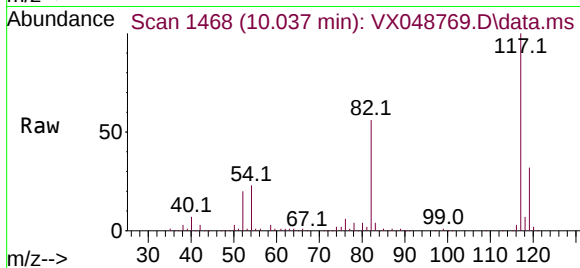




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048769.D
Acq: 09 Dec 2025 09:46

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBL01

Tgt Ion:117 Resp: 288359
Ion Ratio Lower Upper
117 100
82 56.2 44.1 66.1
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048769.D
Acq: 09 Dec 2025 09:46

Tgt Ion:152 Resp: 149395
Ion Ratio Lower Upper
152 100
115 60.6 42.1 126.4
150 157.9 0.0 347.8

