

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121625\
 Data File : VX048895.D
 Acq On : 16 Dec 2025 18:29
 Operator : JC/MD
 Sample : VX1216WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBL02

Quant Time: Dec 17 03:27:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 03:22:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	77608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	166359	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	179509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	90797	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	75414	58.134	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	116.260%
35) Dibromofluoromethane	5.367	113	61771	49.956	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.920%
50) Toluene-d8	8.635	98	217522	49.274	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.540%
62) 4-Bromofluorobenzene	11.061	95	102248	64.513	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	129.020%#

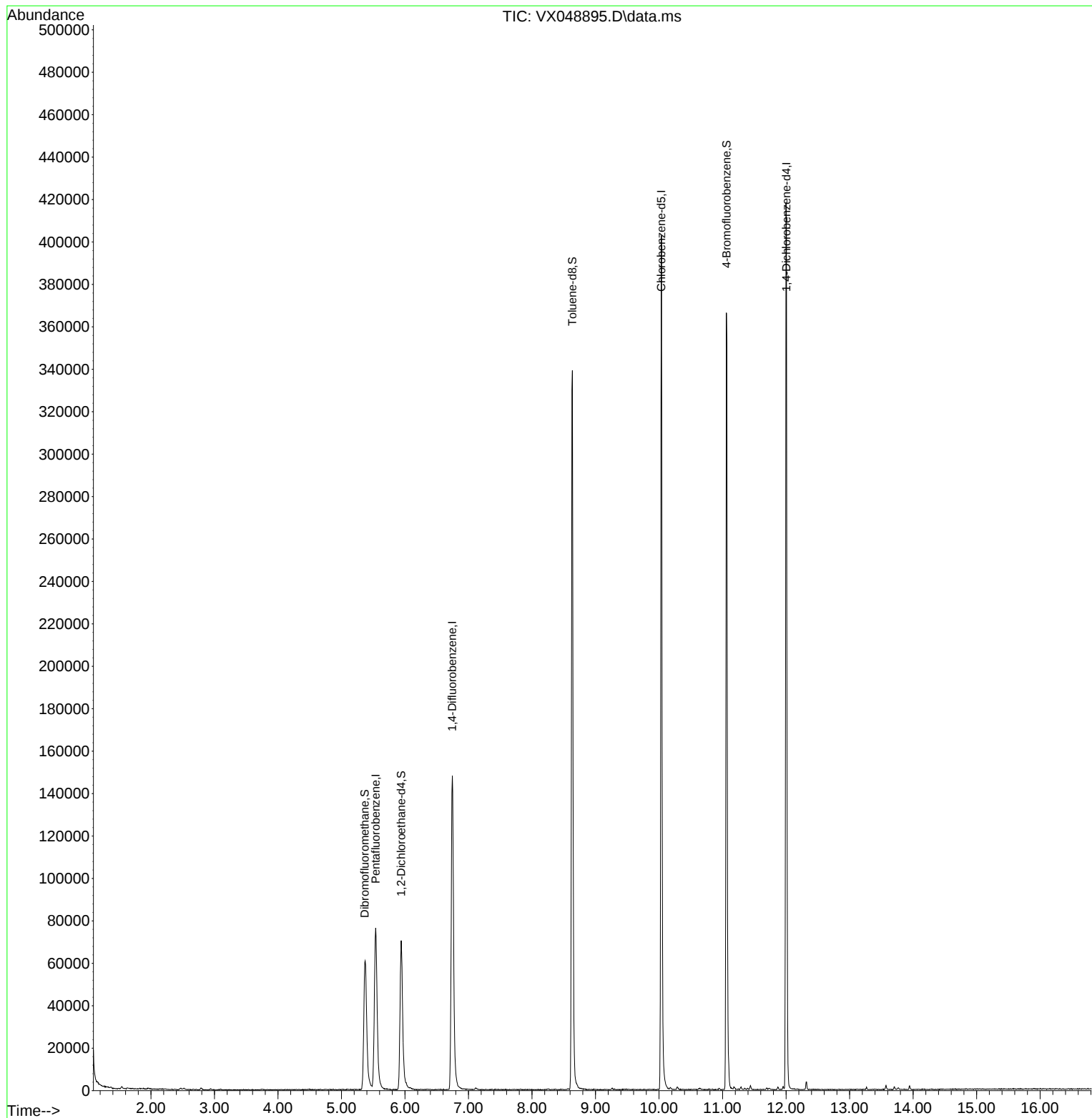
Target Compounds	Qvalue

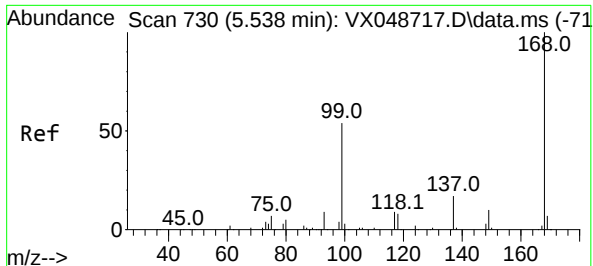
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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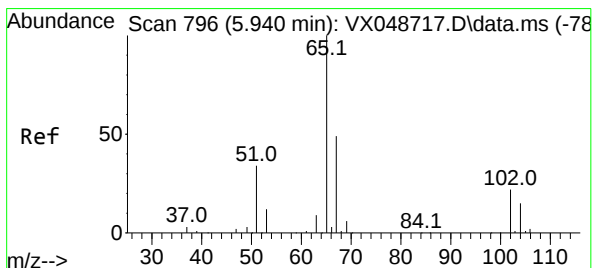
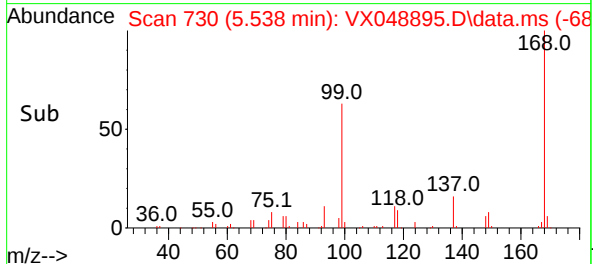
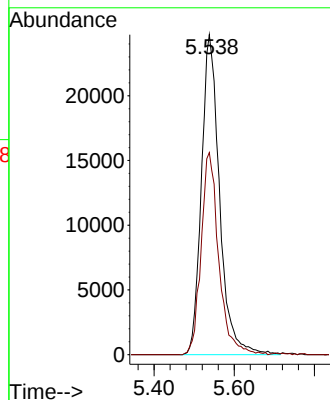
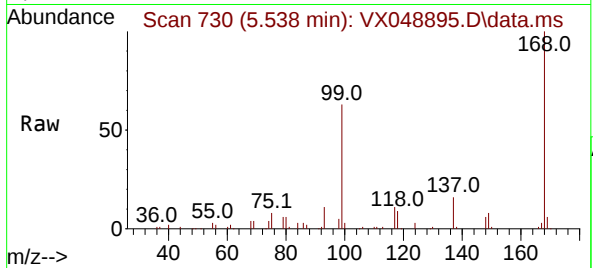




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048895.D
Acq: 16 Dec 2025 18:29

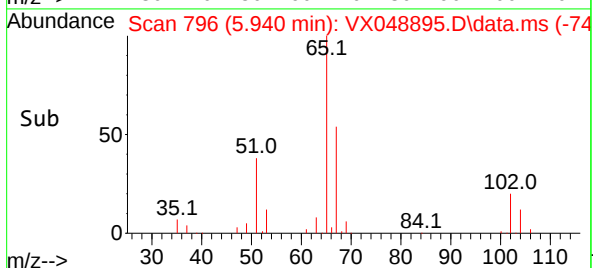
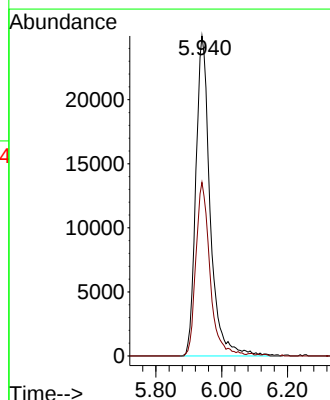
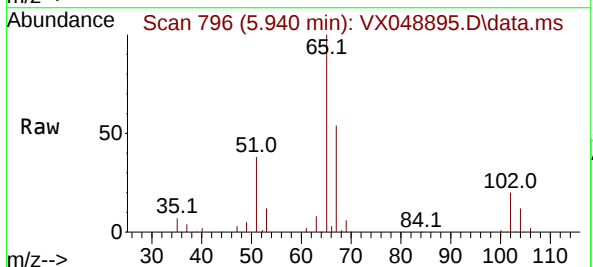
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBL02

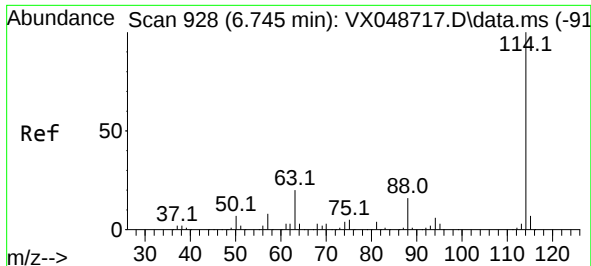
Tgt Ion:168 Resp: 77608
Ion Ratio Lower Upper
168 100
99 63.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 58.134 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048895.D
Acq: 16 Dec 2025 18:29

Tgt Ion: 65 Resp: 75414
Ion Ratio Lower Upper
65 100
67 53.5 0.0 107.4

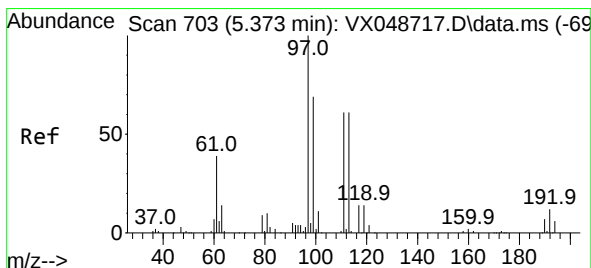
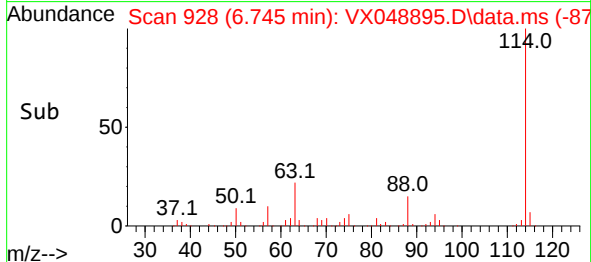
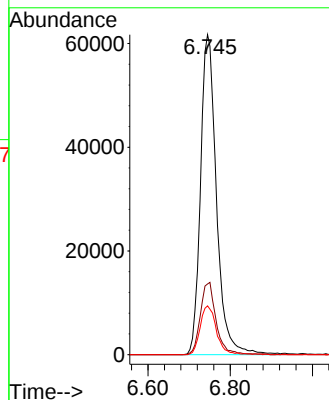
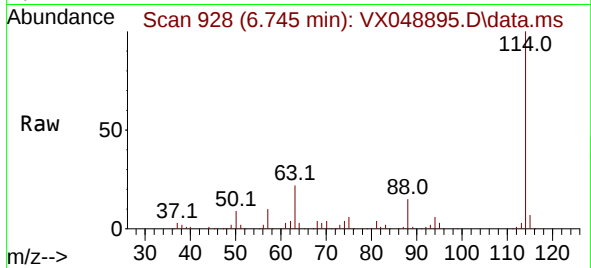




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048895.D
Acq: 16 Dec 2025 18:29

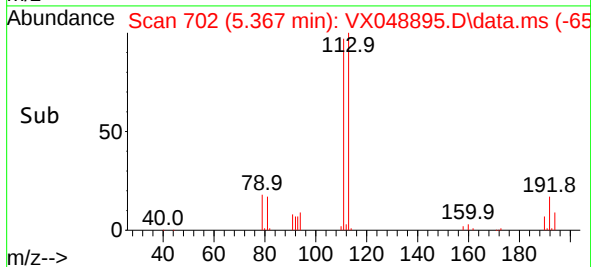
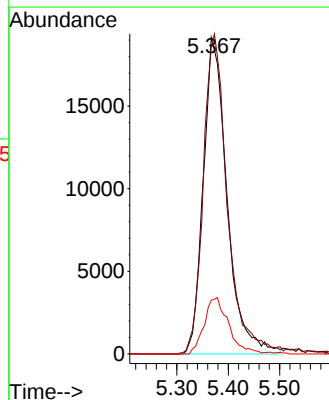
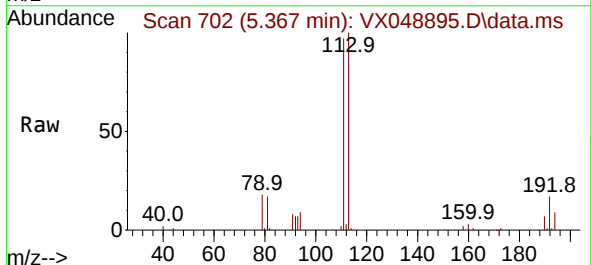
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBL02

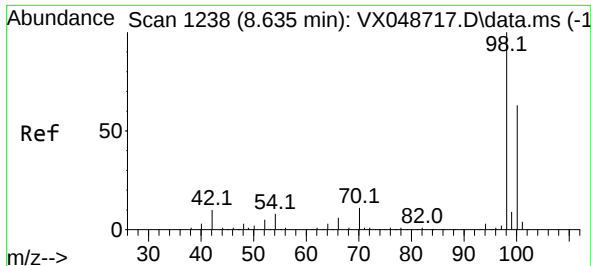
Tgt Ion:114 Resp: 166359
Ion Ratio Lower Upper
114 100
63 22.1 0.0 39.0
88 15.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.956 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.000 min
Lab File: VX048895.D
Acq: 16 Dec 2025 18:29

Tgt Ion:113 Resp: 61771
Ion Ratio Lower Upper
113 100
111 101.3 79.5 119.3
192 18.2 16.1 24.1





#50

Toluene-d8

Concen: 49.274 ug/l

RT: 8.635 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048895.D

Acq: 16 Dec 2025 18:29

Instrument :

MSVOA_X

ClientSampleId :

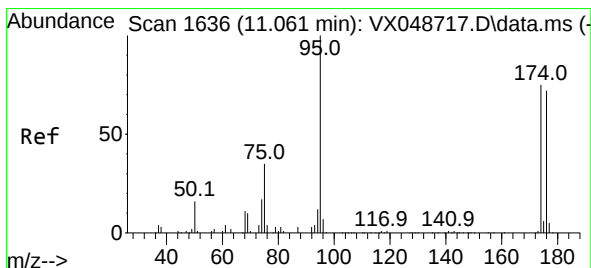
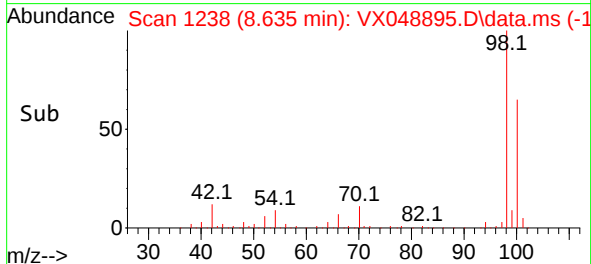
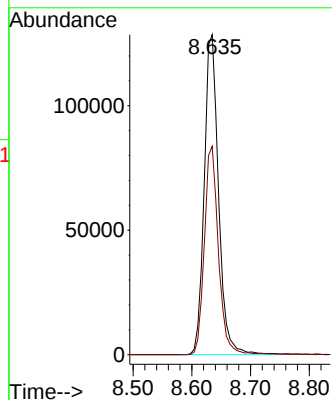
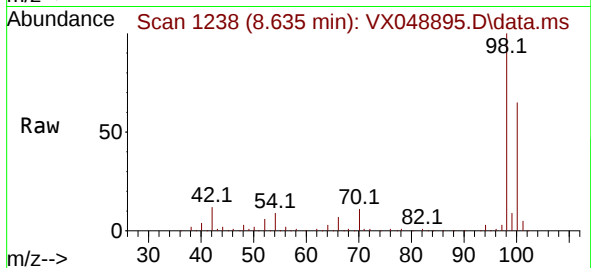
VX1216WBL02

Tgt Ion: 98 Resp: 217522

Ion Ratio Lower Upper

98 100

100 64.2 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 64.513 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.000 min

Lab File: VX048895.D

Acq: 16 Dec 2025 18:29

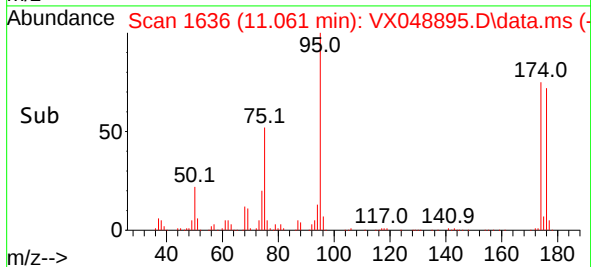
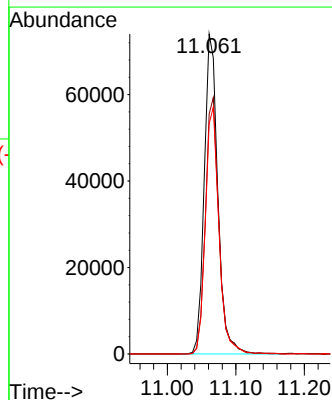
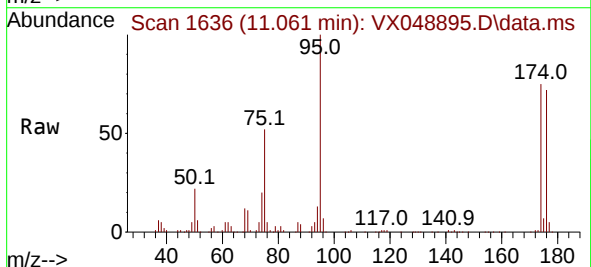
Tgt Ion: 95 Resp: 102248

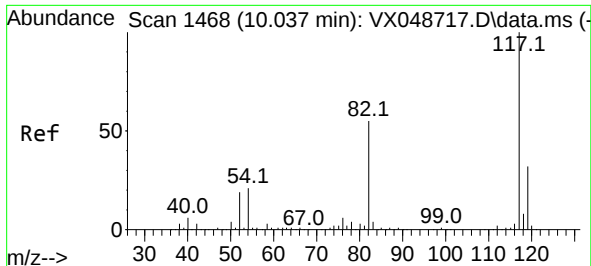
Ion Ratio Lower Upper

95 100

174 79.8 0.0 157.8

176 77.3 0.0 154.0

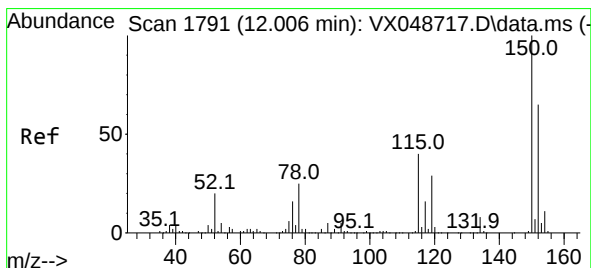
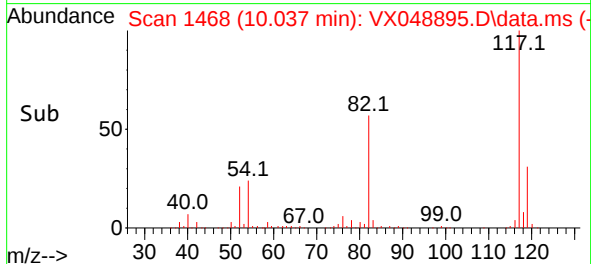
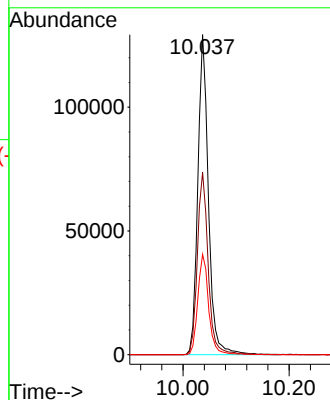
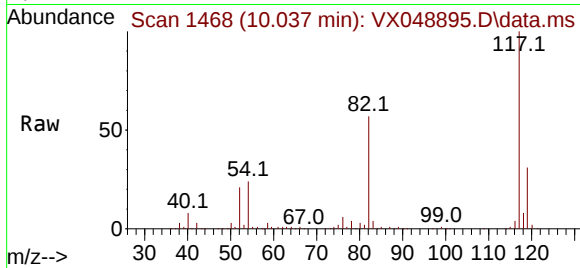




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048895.D
Acq: 16 Dec 2025 18:29

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBL02

Tgt Ion:117 Resp: 179509
Ion Ratio Lower Upper
117 100
82 57.0 44.1 66.1
119 31.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VX048895.D
Acq: 16 Dec 2025 18:29

Tgt Ion:152 Resp: 90797
Ion Ratio Lower Upper
152 100
115 60.0 42.1 126.4
150 155.7 0.0 347.8

