

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112625\
 Data File : VX048688.D
 Acq On : 26 Nov 2025 11:49
 Operator : JC/MD
 Sample : VX1126WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBL01

Quant Time: Nov 27 01:35:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	137278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	274918	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	297396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	161155	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	100035	52.296	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.600%
35) Dibromofluoromethane	5.367	113	92264	44.342	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.680%
50) Toluene-d8	8.628	98	342978	52.851	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.700%
62) 4-Bromofluorobenzene	11.061	95	146049	60.390	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	120.780%

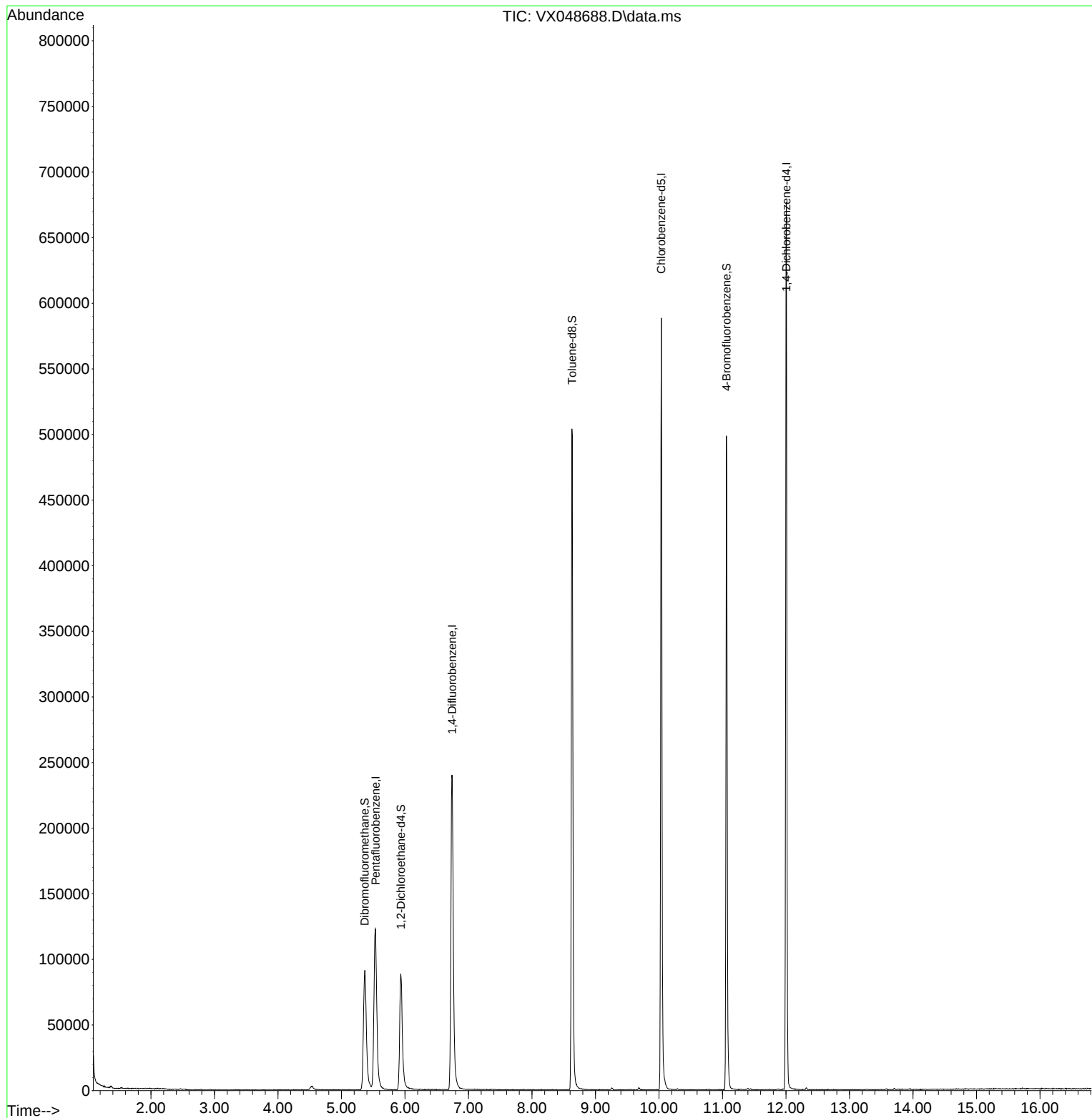
Target Compounds	Qvalue

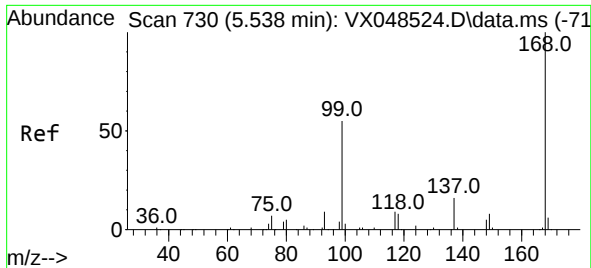
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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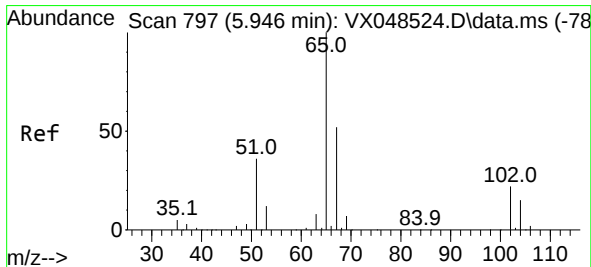
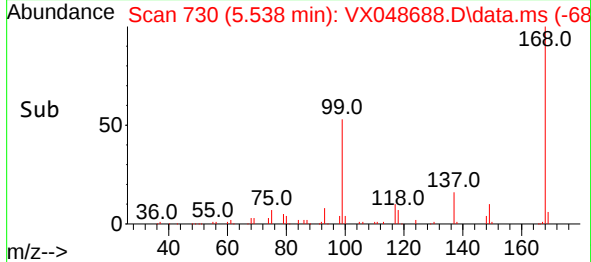
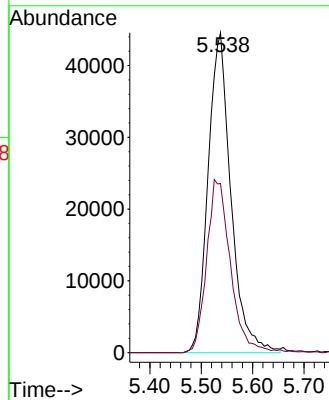
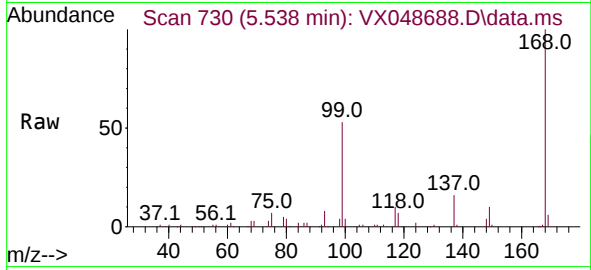




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.000 min
Lab File: VX048688.D
Acq: 26 Nov 2025 11:49

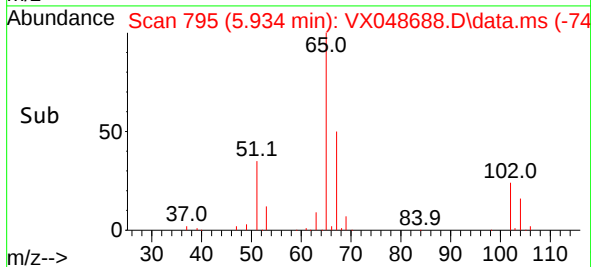
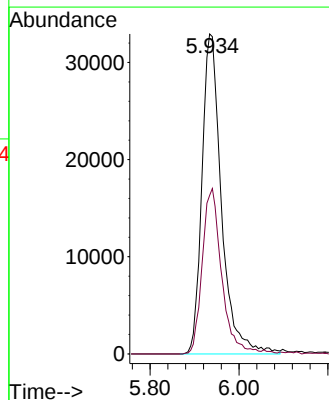
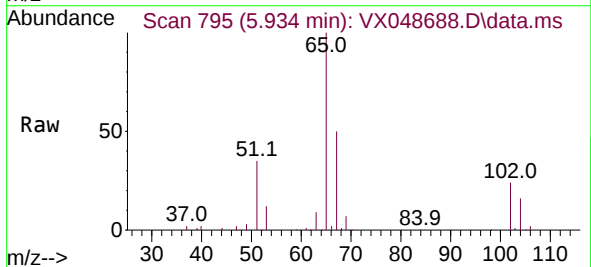
Instrument :
MSVOA_X
ClientSampleId :
VX1126WBL01

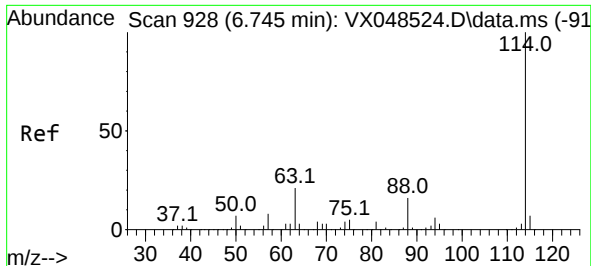
Tgt Ion:168 Resp: 137278
Ion Ratio Lower Upper
168 100
99 52.8 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 52.296 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.012 min
Lab File: VX048688.D
Acq: 26 Nov 2025 11:49

Tgt Ion: 65 Resp: 100035
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.2

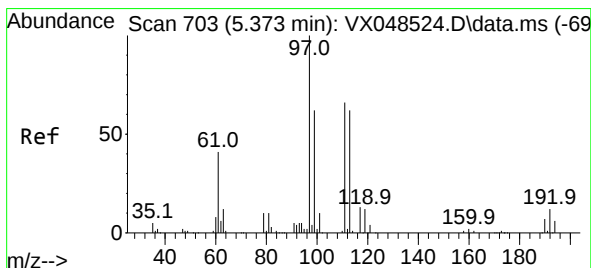
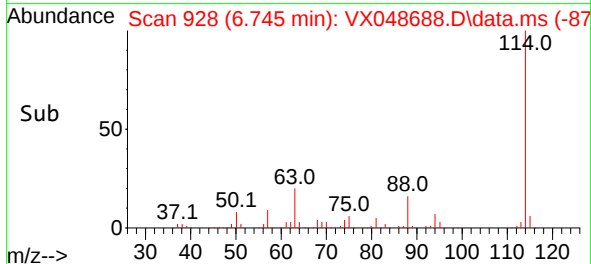
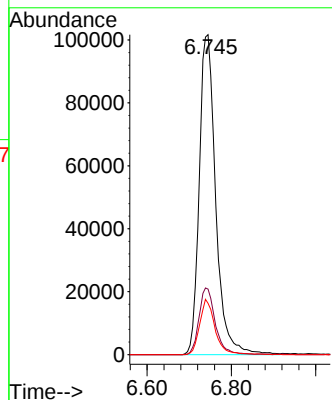
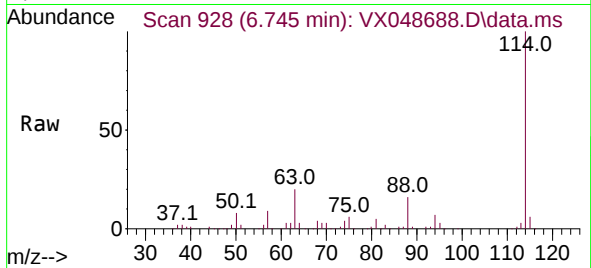




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048688.D
Acq: 26 Nov 2025 11:49

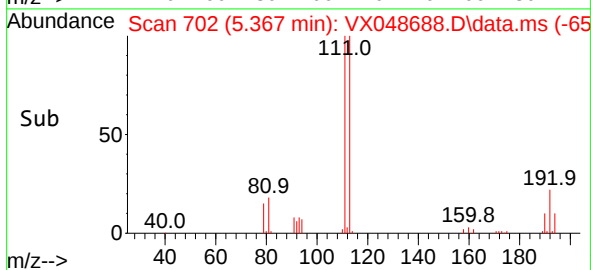
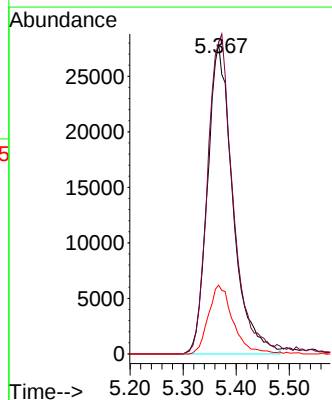
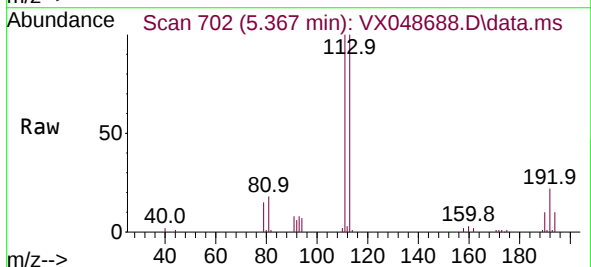
Instrument :
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ClientSampleId :
VX1126WBL01

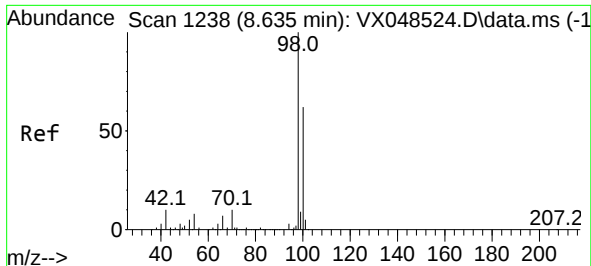
Tgt Ion:114 Resp: 274918
Ion Ratio Lower Upper
114 100
63 20.5 0.0 41.2
88 16.0 0.0 32.2



#35
Dibromofluoromethane
Concen: 44.342 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048688.D
Acq: 26 Nov 2025 11:49

Tgt Ion:113 Resp: 92264
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 21.7 15.8 23.6

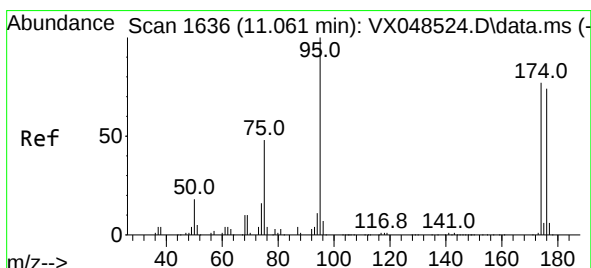
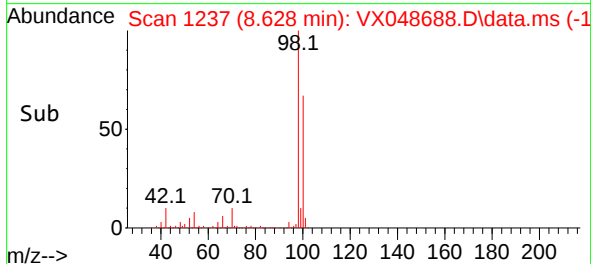
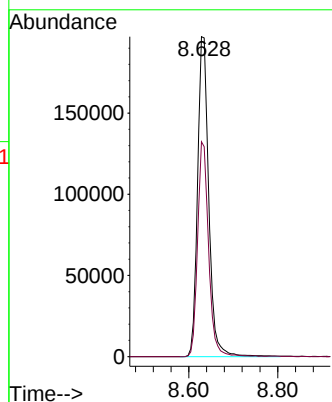
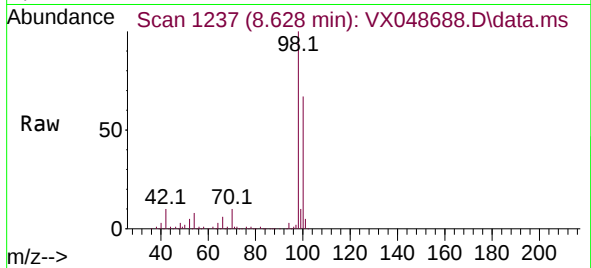




#50
Toluene-d8
Concen: 52.851 ug/l
RT: 8.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048688.D
Acq: 26 Nov 2025 11:49

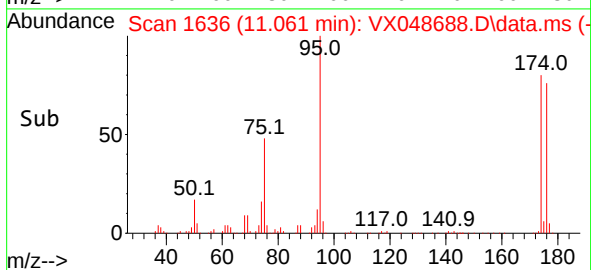
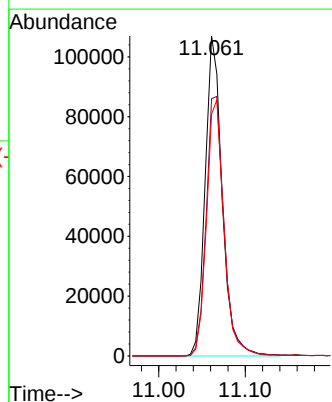
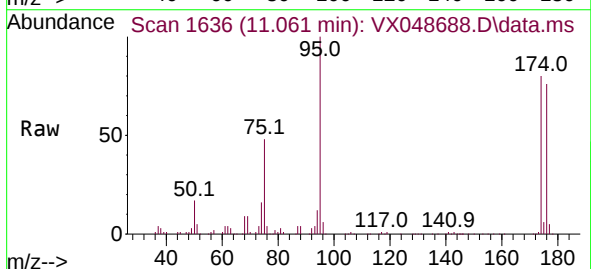
Instrument :
MSVOA_X
ClientSampleId :
VX1126WBL01

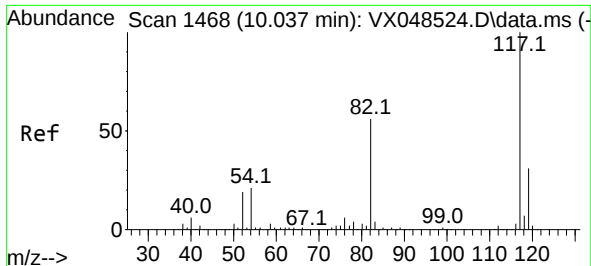
Tgt Ion: 98 Resp: 342978
Ion Ratio Lower Upper
98 100
100 66.0 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 60.390 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048688.D
Acq: 26 Nov 2025 11:49

Tgt Ion: 95 Resp: 146049
Ion Ratio Lower Upper
95 100
174 85.7 0.0 161.8
176 82.0 0.0 153.6

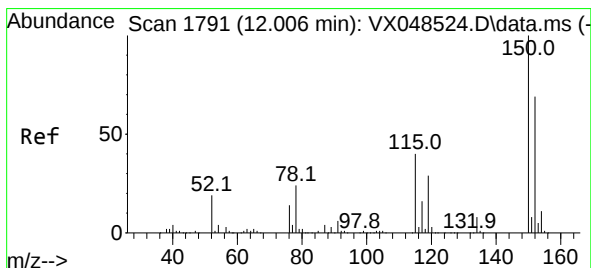
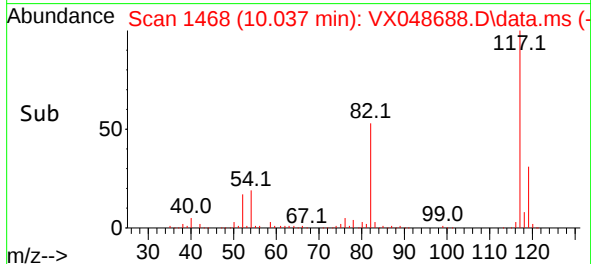
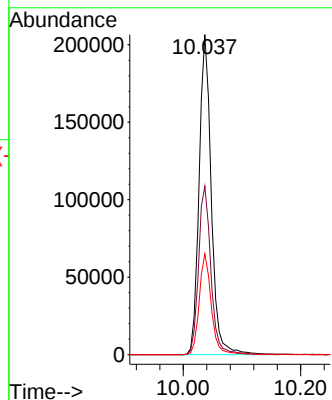
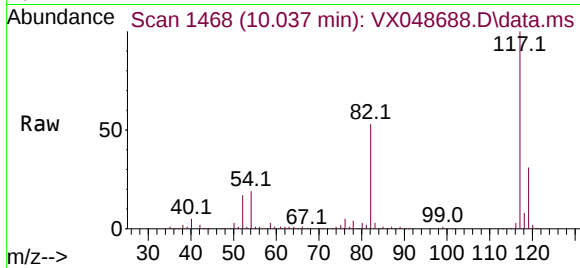




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048688.D
Acq: 26 Nov 2025 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBL01

Tgt Ion:117 Resp: 297396
Ion Ratio Lower Upper
117 100
82 52.6 44.4 66.6
119 31.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048688.D
Acq: 26 Nov 2025 11:49

Tgt Ion:152 Resp: 161155
Ion Ratio Lower Upper
152 100
115 57.9 39.2 117.6
150 156.8 0.0 347.0

