

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112125\
 Data File : VX048642.D
 Acq On : 21 Nov 2025 09:37
 Operator : JC/MD
 Sample : VX1121MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121MBL01

Quant Time: Nov 21 22:07:51 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	5.532	168	125703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	249754	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	268877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	153820	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	102308	58.409	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	116.820%
35) Dibromofluoromethane	5.367	113	90916	48.096	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.200%
50) Toluene-d8	8.629	98	314712	53.382	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.760%
62) 4-Bromofluorobenzene	11.061	95	133697	60.852	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	121.700%

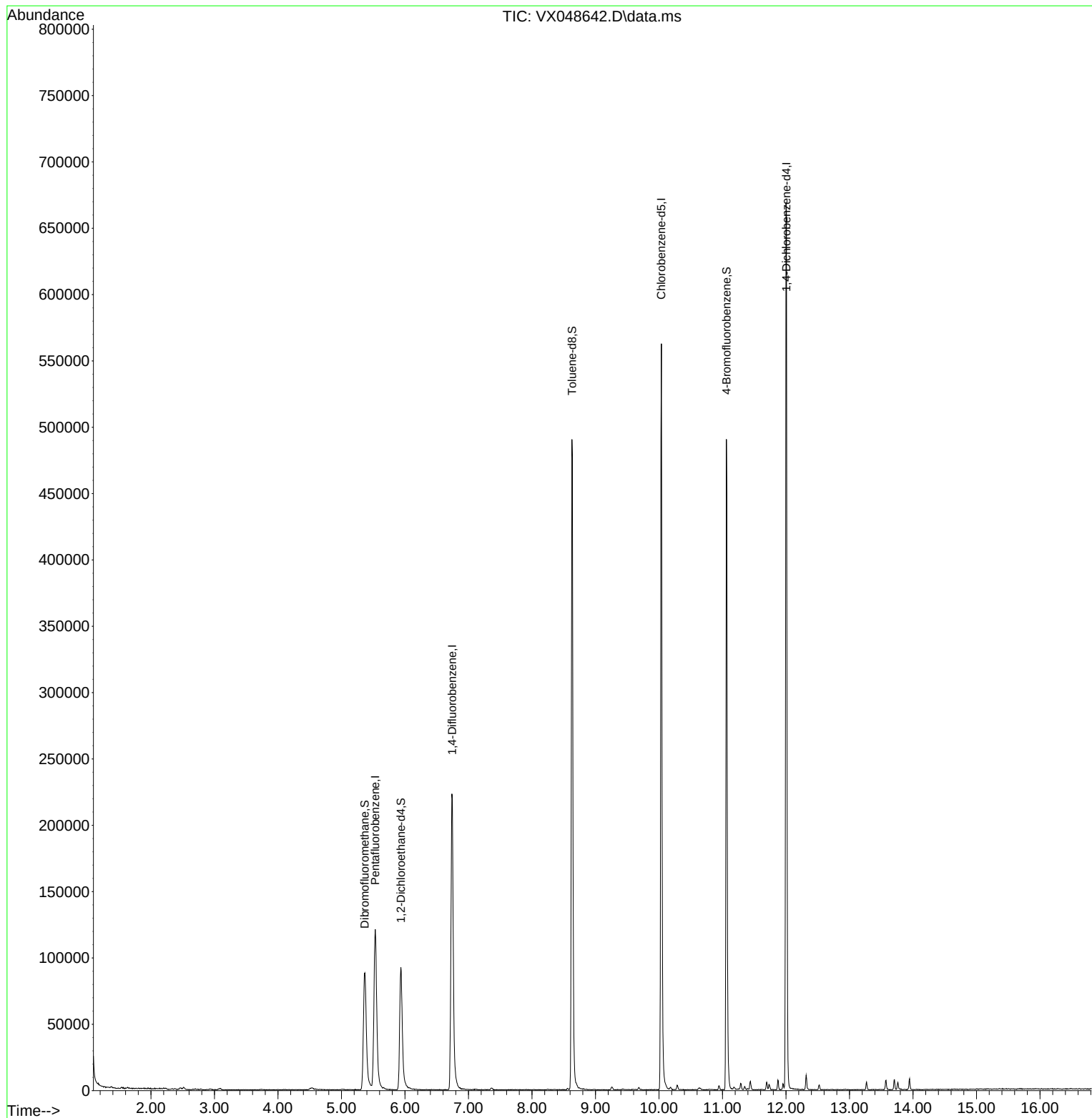
Target Compounds	Qvalue

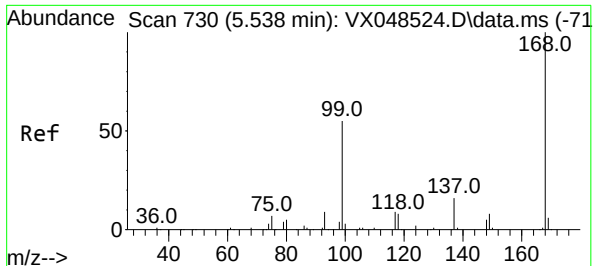
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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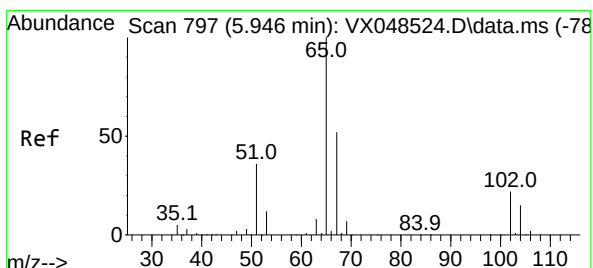
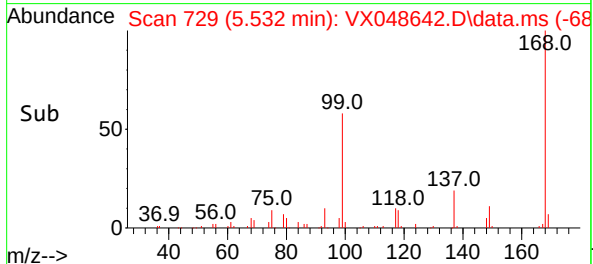
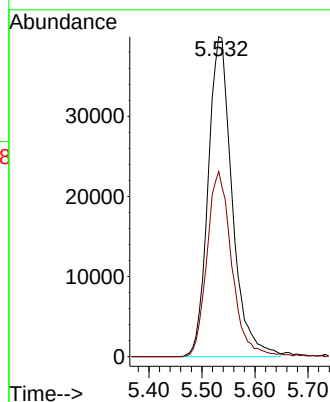
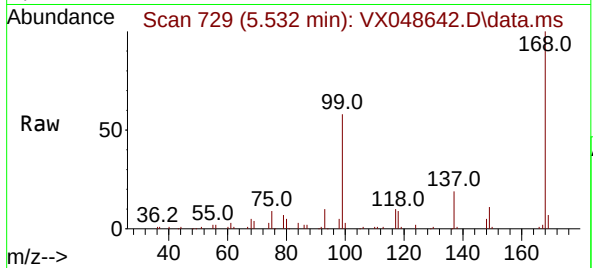




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048642.D
Acq: 21 Nov 2025 09:37

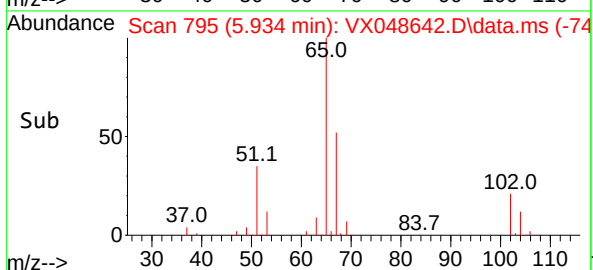
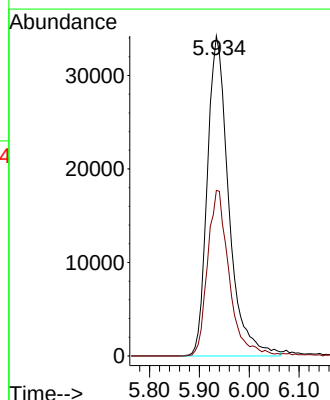
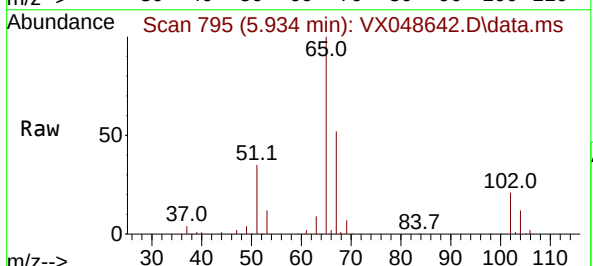
Instrument :
MSVOA_X
ClientSampleId :
VX1121MBL01

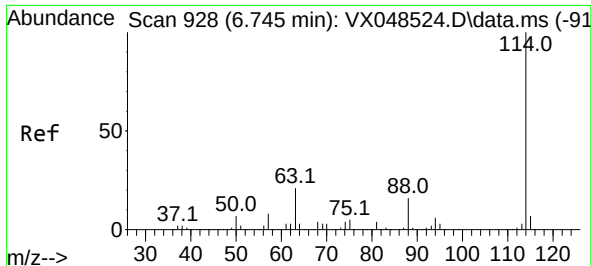
Tgt Ion:168 Resp: 125703
Ion Ratio Lower Upper
168 100
99 57.9 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 58.409 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.012 min
Lab File: VX048642.D
Acq: 21 Nov 2025 09:37

Tgt Ion: 65 Resp: 102308
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.2

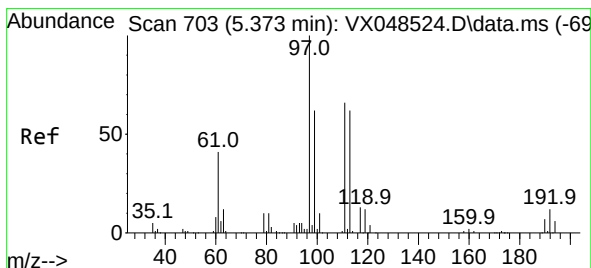
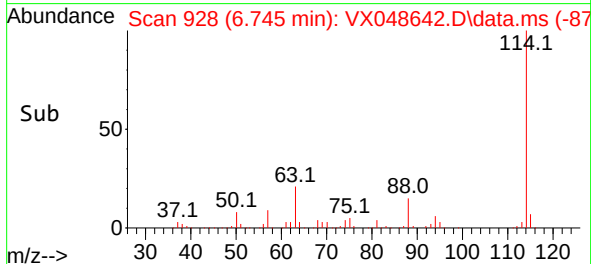
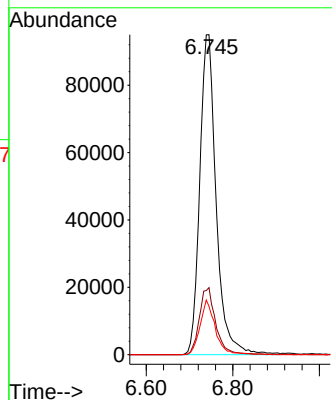
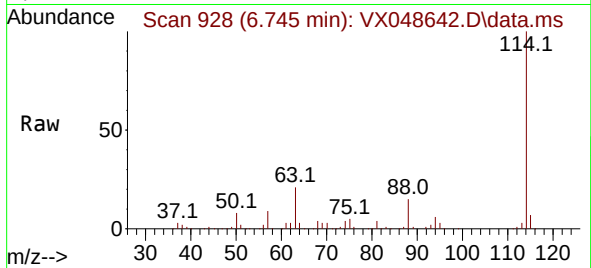




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048642.D
Acq: 21 Nov 2025 09:37

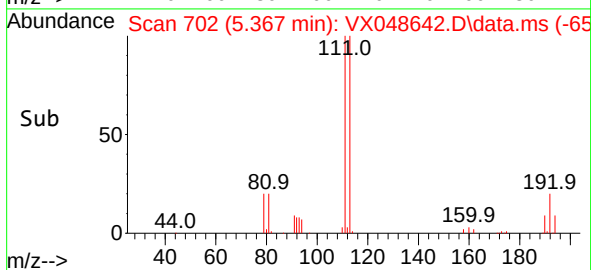
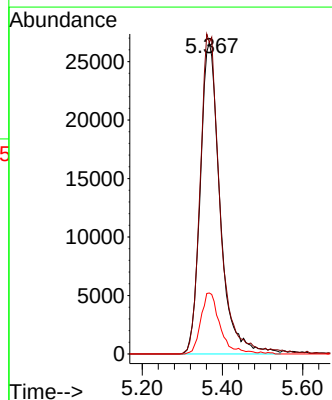
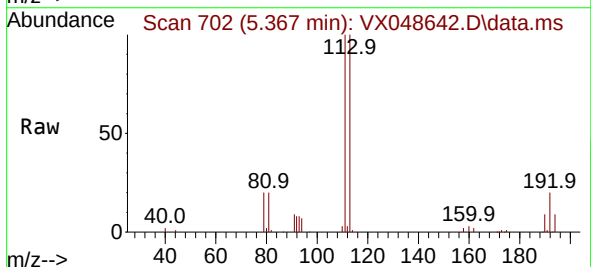
Instrument :
MSVOA_X
ClientSampleId :
VX1121MBL01

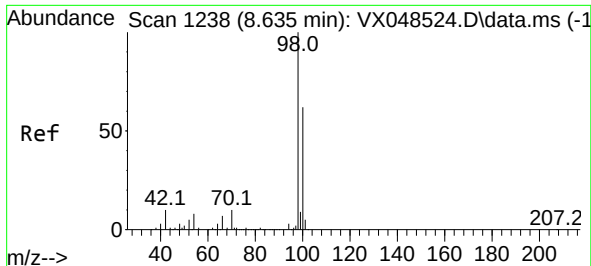
Tgt Ion:114 Resp: 249754
Ion Ratio Lower Upper
114 100
63 21.0 0.0 41.2
88 15.1 0.0 32.2



#35
Dibromofluoromethane
Concen: 48.096 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048642.D
Acq: 21 Nov 2025 09:37

Tgt Ion:113 Resp: 90916
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 19.1 15.8 23.6

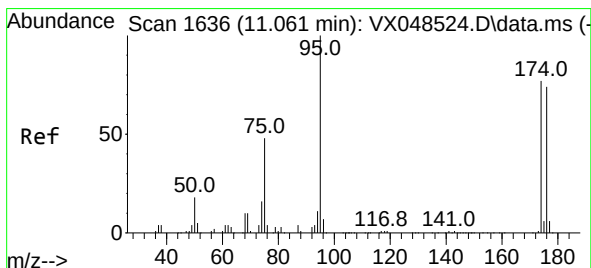
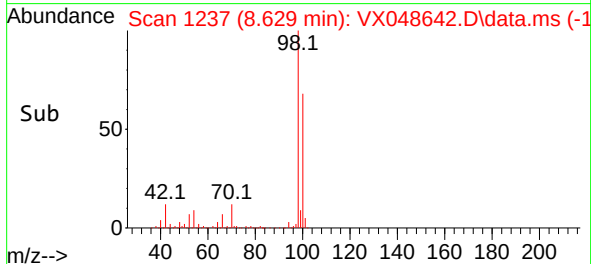
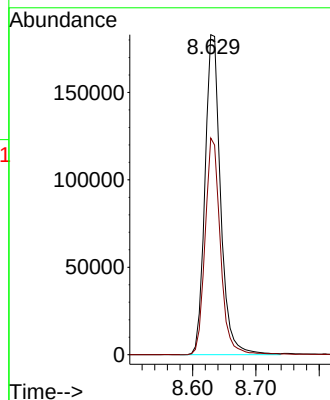
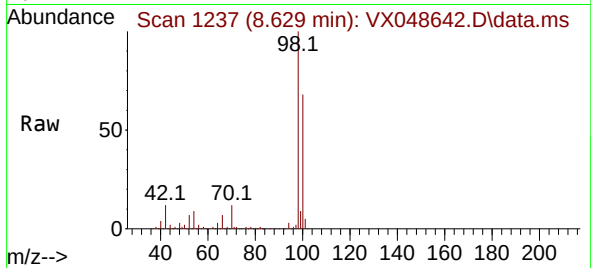




#50
Toluene-d8
Concen: 53.382 ug/l
RT: 8.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048642.D
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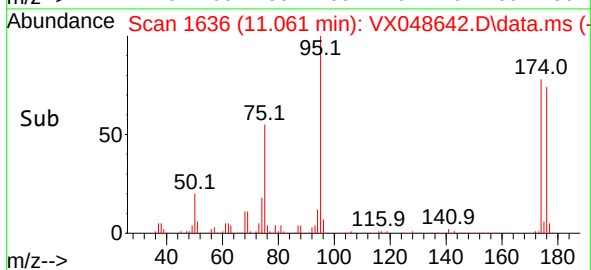
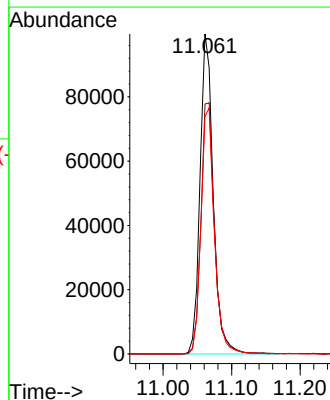
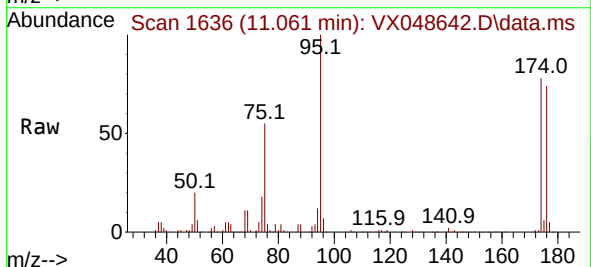
Instrument :
MSVOA_X
ClientSampleId :
VX1121MBL01

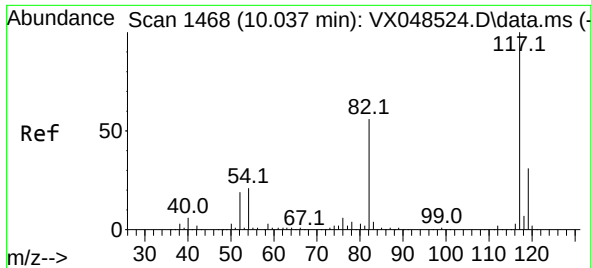
Tgt Ion: 98 Resp: 314712
Ion Ratio Lower Upper
98 100
100 66.4 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 60.852 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048642.D
Acq: 21 Nov 2025 09:37

Tgt Ion: 95 Resp: 133697
Ion Ratio Lower Upper
95 100
174 81.4 0.0 161.8
176 78.1 0.0 153.6

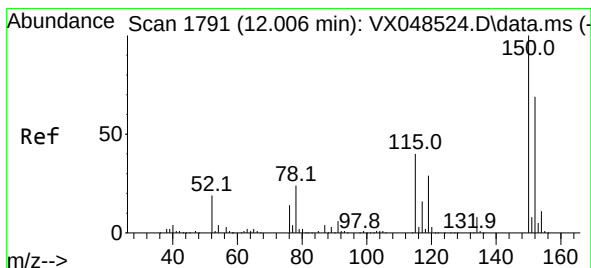
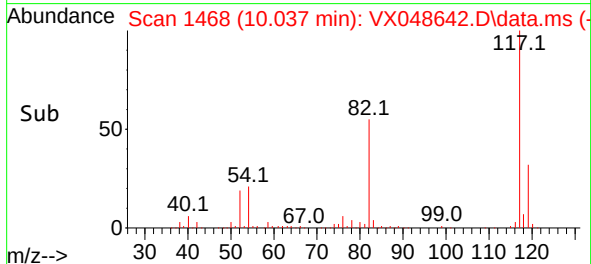
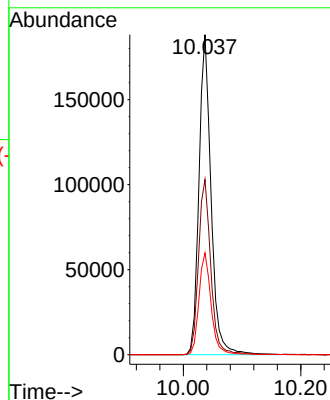
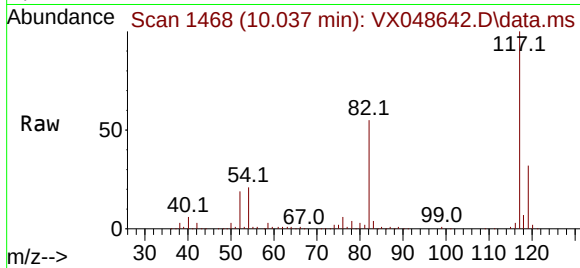




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048642.D
Acq: 21 Nov 2025 09:37

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBL01

Tgt Ion:117 Resp: 268877
Ion Ratio Lower Upper
117 100
82 54.8 44.4 66.6
119 31.8 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: VX048642.D
Acq: 21 Nov 2025 09:37

Tgt Ion:152 Resp: 153820
Ion Ratio Lower Upper
152 100
115 59.2 39.2 117.6
150 159.2 0.0 347.0

