

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
 Data File : VX048823.D
 Acq On : 11 Dec 2025 13:31
 Operator : JC/MD
 Sample : VX1211MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211MBL01

Quant Time: Dec 11 23:48:07 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	5.531	168	177467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.738	114	286894	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	245835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	110705	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	110271	46.295	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.580%
35) Dibromofluoromethane	5.367	113	94709	47.945	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.880%
50) Toluene-d8	8.628	98	344906	49.811	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.620%
62) 4-Bromofluorobenzene	11.061	95	105744	44.287	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.580%

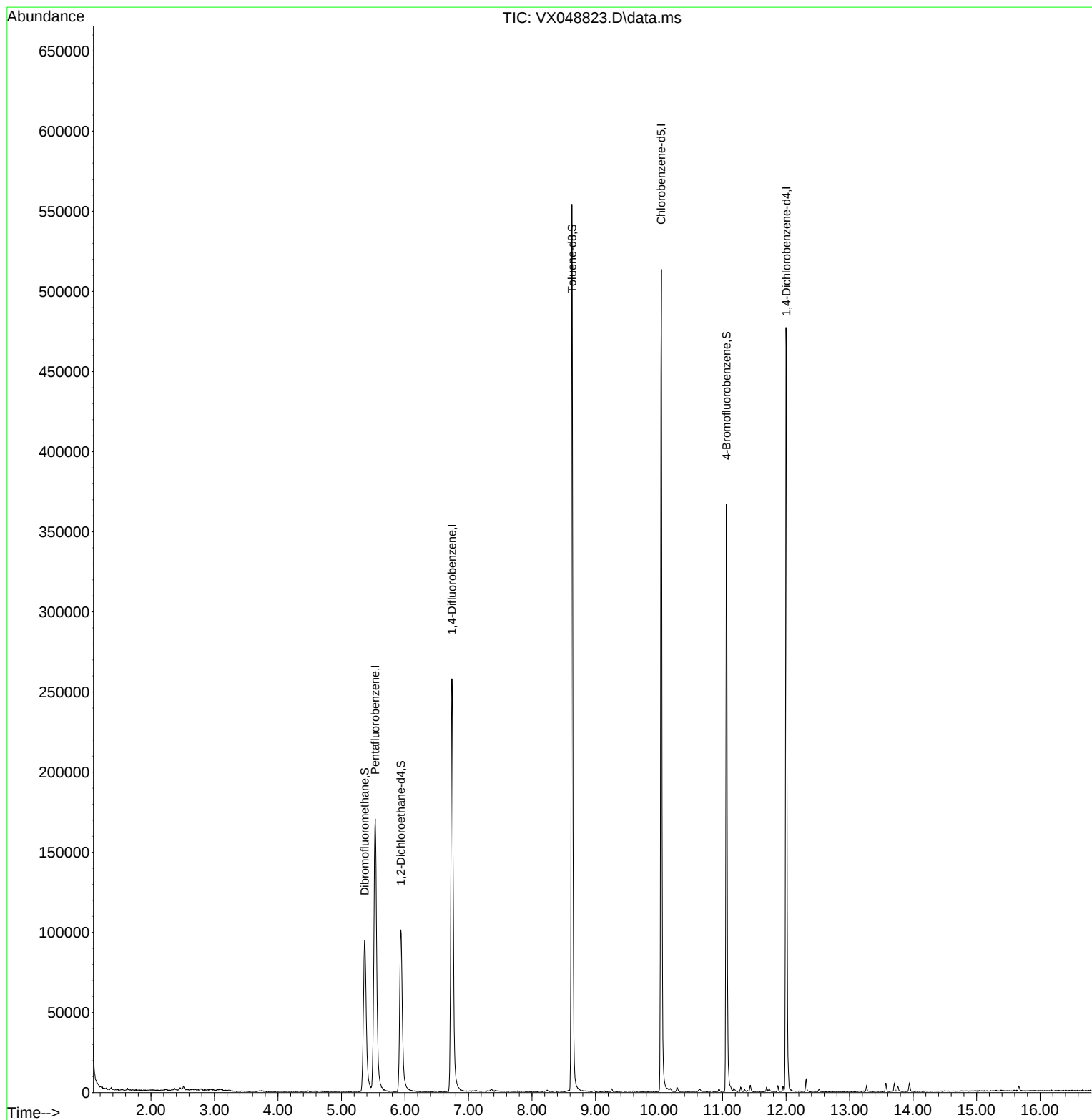
Target Compounds	Qvalue

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

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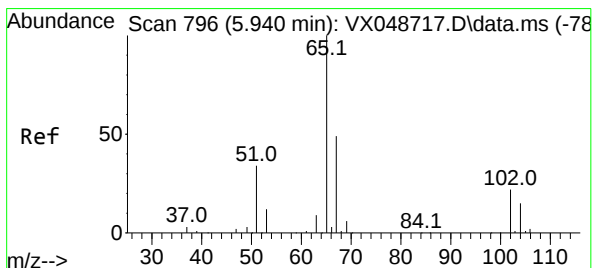
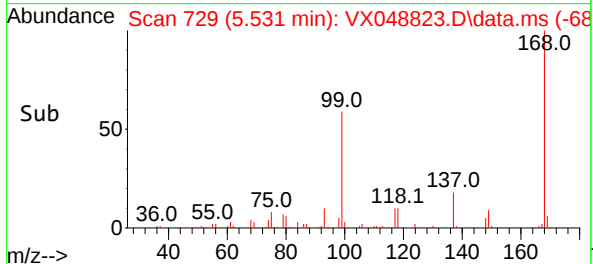
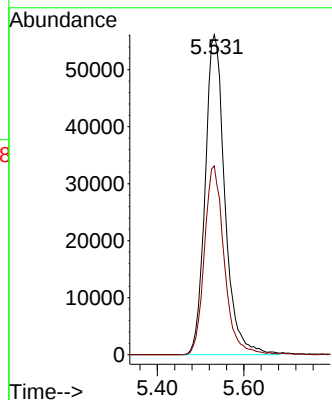
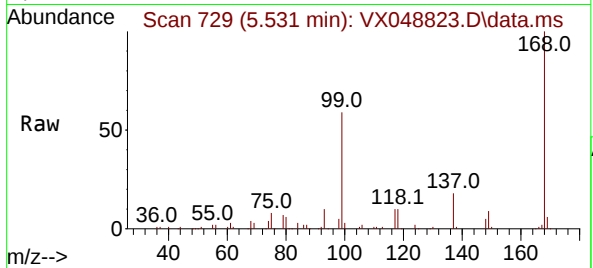




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048823.D
Acq: 11 Dec 2025 13:31

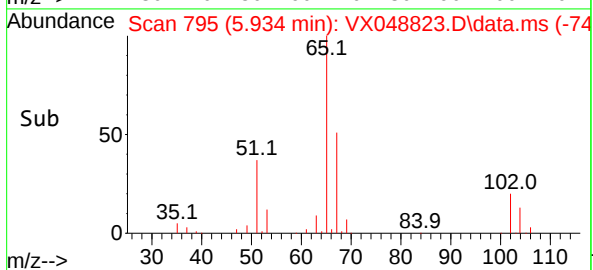
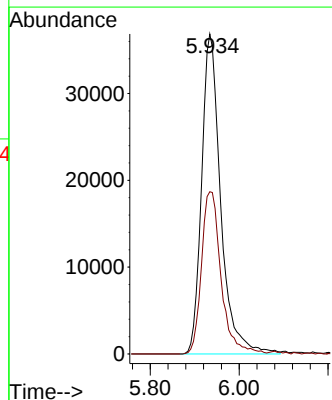
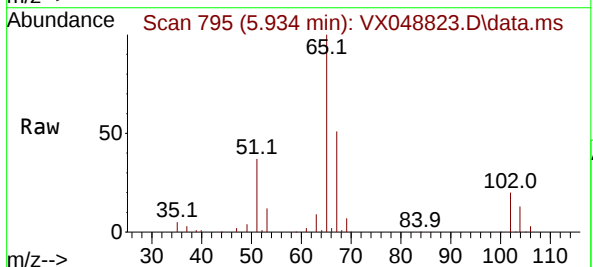
Instrument :
MSVOA_X
ClientSampleId :
VX1211MBL01

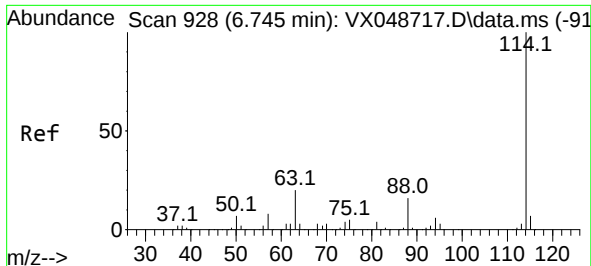
Tgt Ion:168 Resp: 177467
Ion Ratio Lower Upper
168 100
99 59.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 46.295 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048823.D
Acq: 11 Dec 2025 13:31

Tgt Ion: 65 Resp: 110271
Ion Ratio Lower Upper
65 100
67 52.0 0.0 107.4

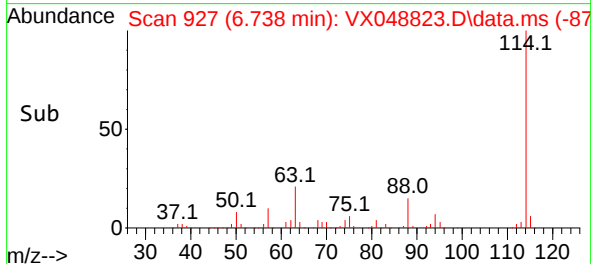
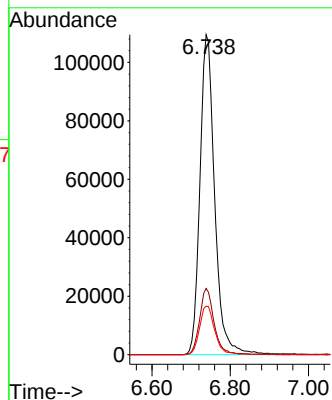
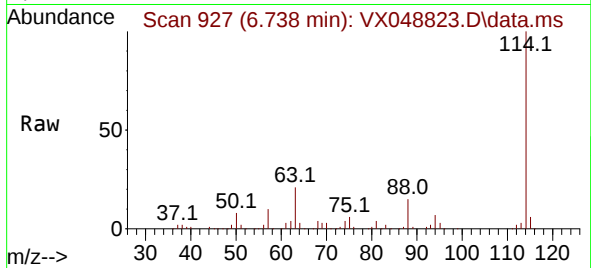




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.738 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX048823.D
Acq: 11 Dec 2025 13:31

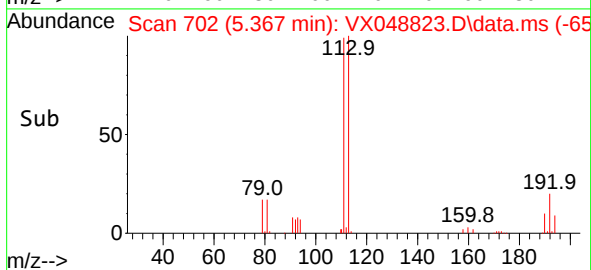
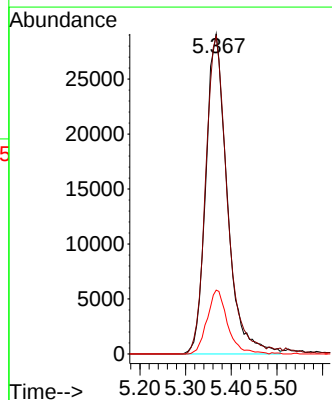
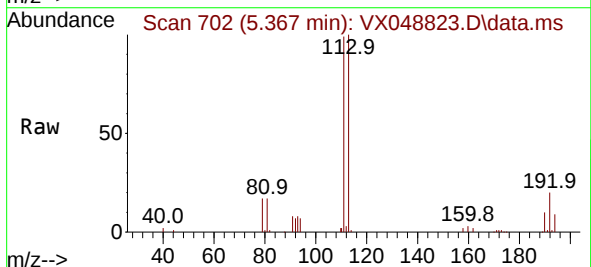
Instrument :
MSVOA_X
ClientSampleId :
VX1211MBL01

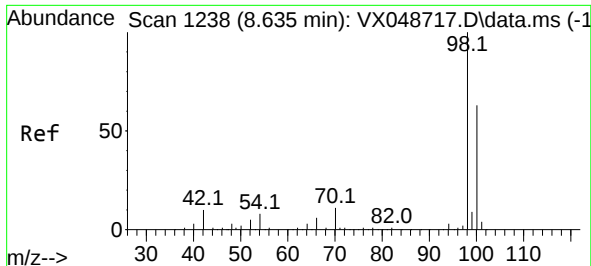
Tgt Ion:114 Resp: 286894
Ion Ratio Lower Upper
114 100
63 20.7 0.0 39.0
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.945 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048823.D
Acq: 11 Dec 2025 13:31

Tgt Ion:113 Resp: 94709
Ion Ratio Lower Upper
113 100
111 100.7 79.5 119.3
192 19.1 16.1 24.1

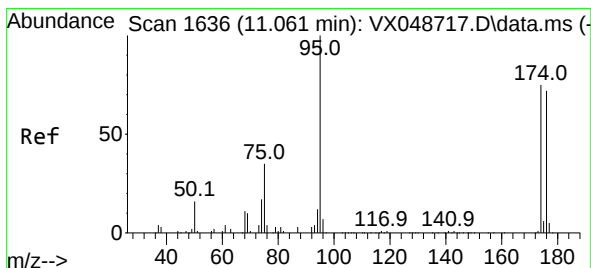
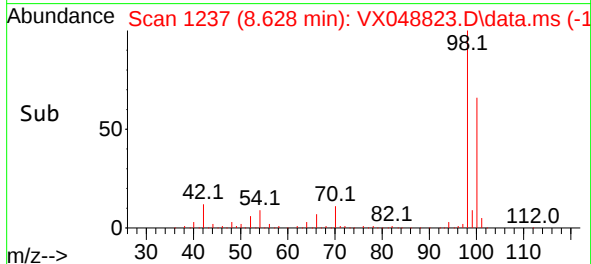
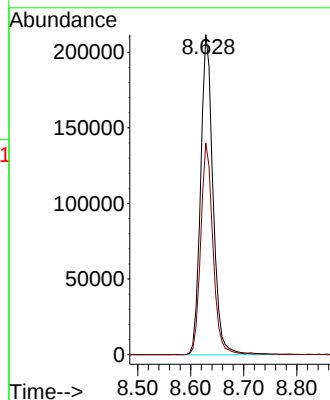
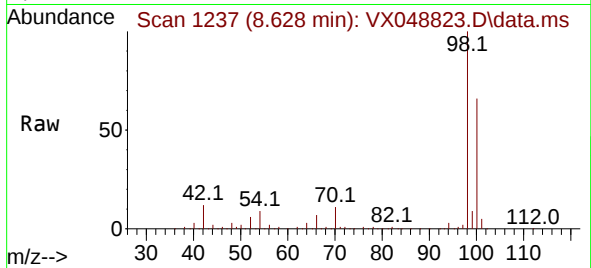




#50
Toluene-d8
Concen: 49.811 ug/l
RT: 8.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048823.D
Acq: 11 Dec 2025 13:31

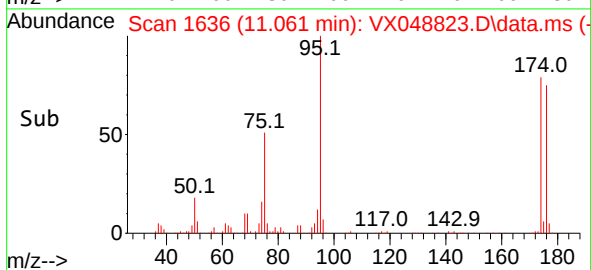
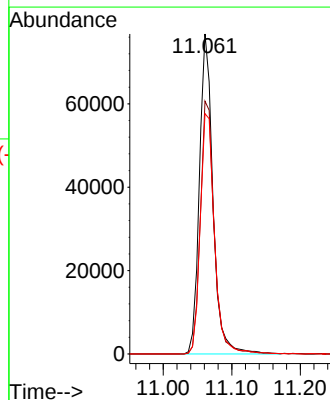
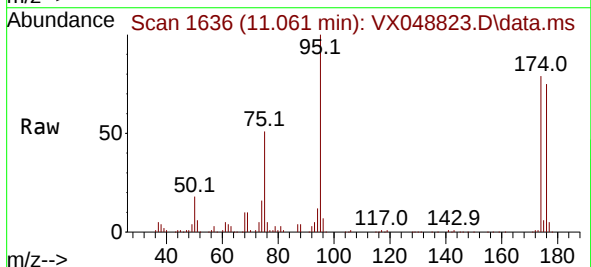
Instrument :
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VX1211MBL01

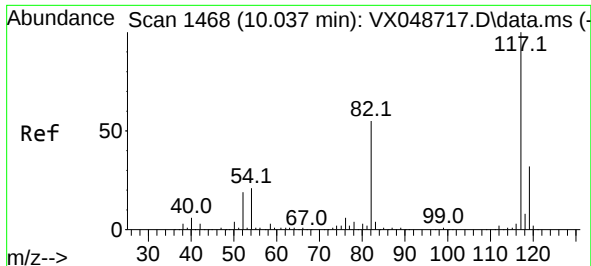
Tgt Ion: 98 Resp: 344906
Ion Ratio Lower Upper
98 100
100 65.5 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 44.287 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048823.D
Acq: 11 Dec 2025 13:31

Tgt Ion: 95 Resp: 105744
Ion Ratio Lower Upper
95 100
174 81.1 0.0 157.8
176 79.2 0.0 154.0

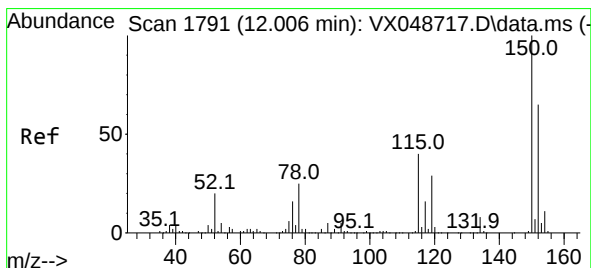
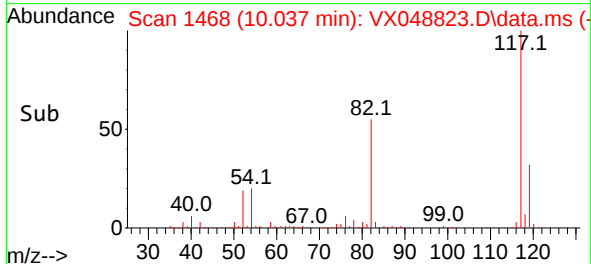
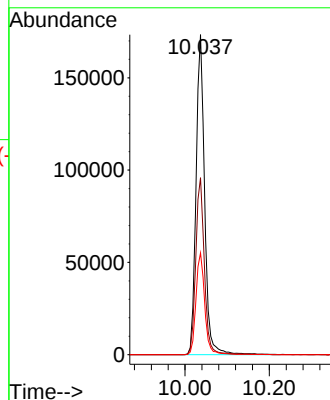
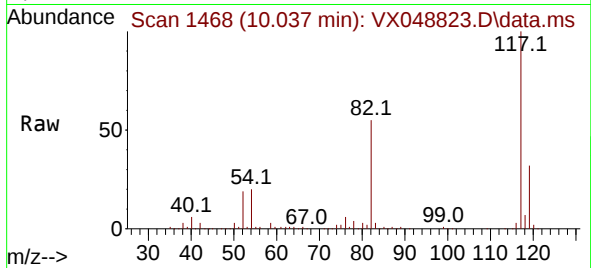




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048823.D
Acq: 11 Dec 2025 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX1211MBL01

Tgt Ion:117 Resp: 245835
Ion Ratio Lower Upper
117 100
82 55.3 44.1 66.1
119 31.8 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: VX048823.D
Acq: 11 Dec 2025 13:31

Tgt Ion:152 Resp: 110705
Ion Ratio Lower Upper
152 100
115 58.0 42.1 126.4
150 156.3 0.0 347.8

