

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121525\
 Data File : VX048880.D
 Acq On : 15 Dec 2025 16:03
 Operator : JC/MD
 Sample : Q3863-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-121225

Quant Time: Dec 16 00:18:18 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	5.537	168	238698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	396265	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	327570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	120220	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	164025	51.198	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.400%
35) Dibromofluoromethane	5.367	113	133176	48.810	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.620%
50) Toluene-d8	8.635	98	470992	49.246	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.500%
62) 4-Bromofluorobenzene	11.061	95	131637	39.914	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	79.820%#

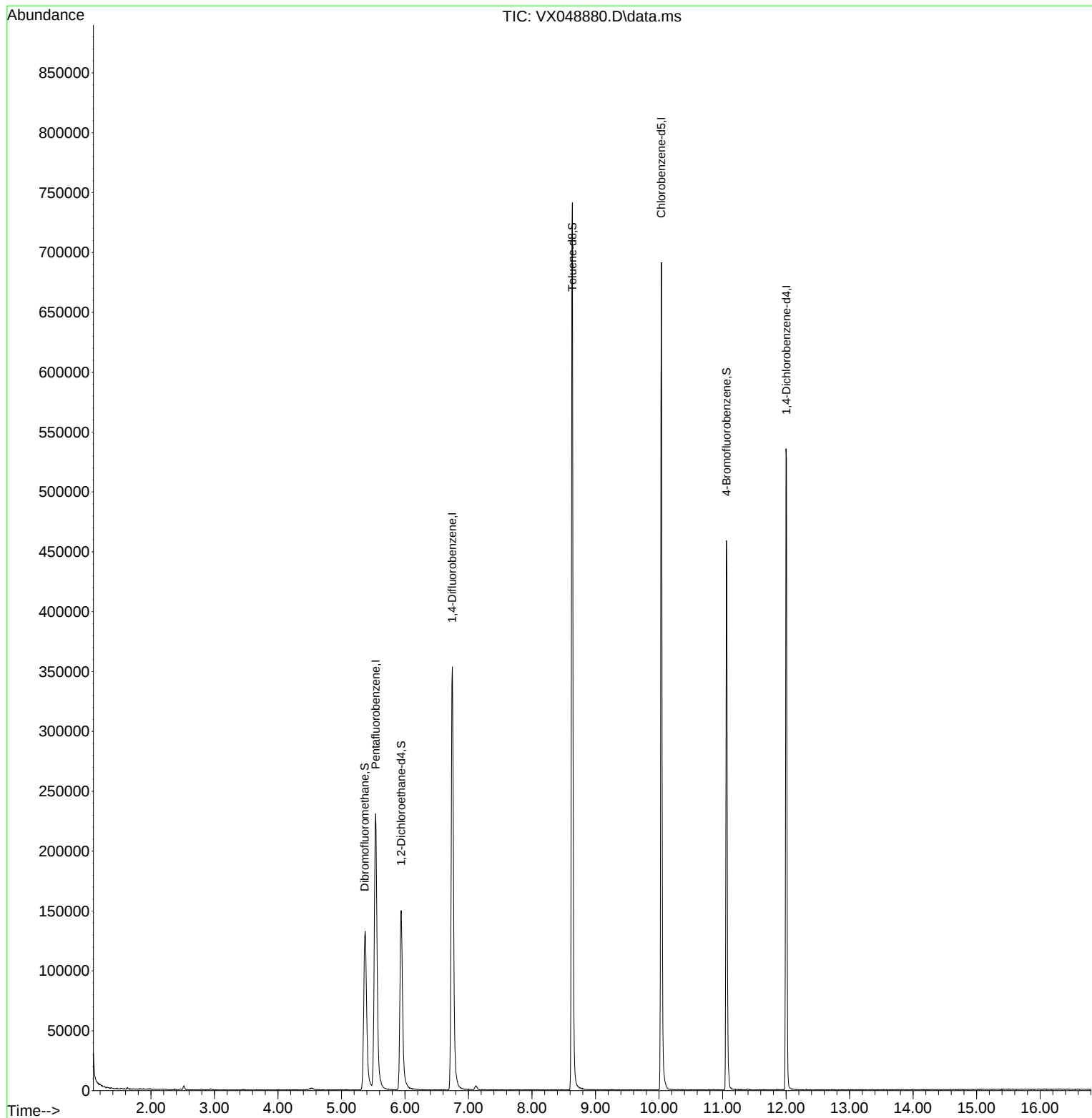
Target Compounds	Qvalue

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

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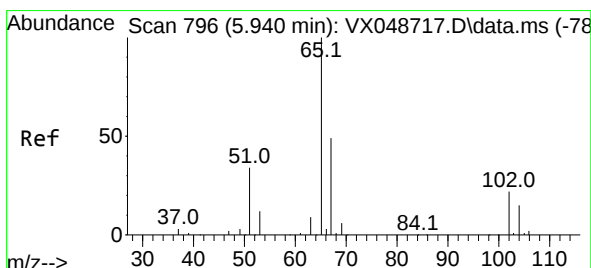
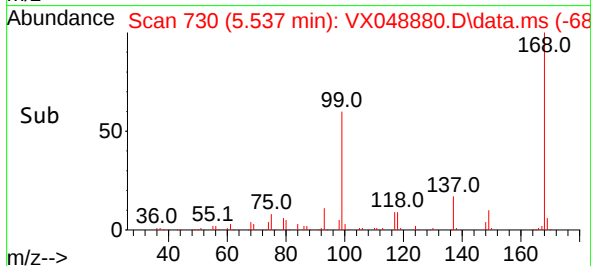
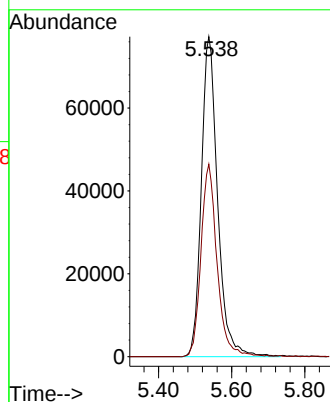
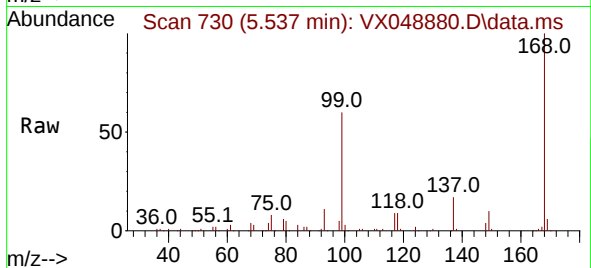




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX048880.D
Acq: 15 Dec 2025 16:03

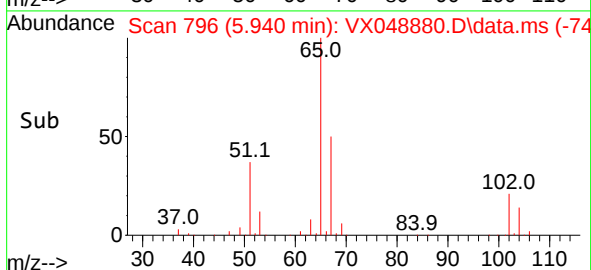
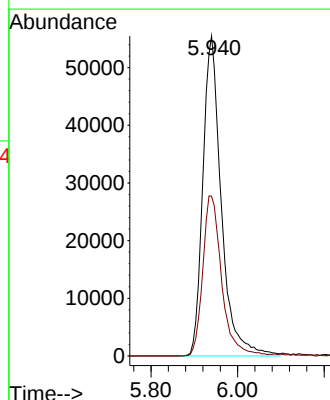
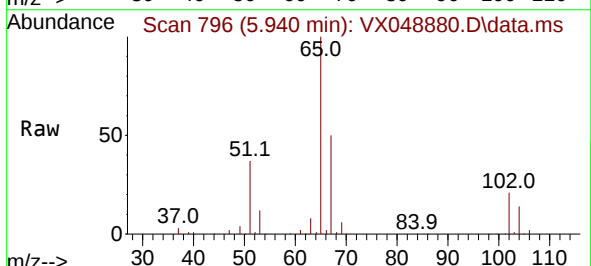
Instrument :
MSVOA_X
ClientSampleId :
TB01-121225

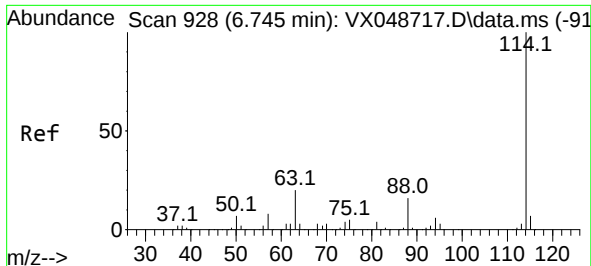
Tgt Ion:168 Resp: 238698
Ion Ratio Lower Upper
168 100
99 60.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 51.198 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048880.D
Acq: 15 Dec 2025 16:03

Tgt Ion: 65 Resp: 164025
Ion Ratio Lower Upper
65 100
67 51.3 0.0 107.4

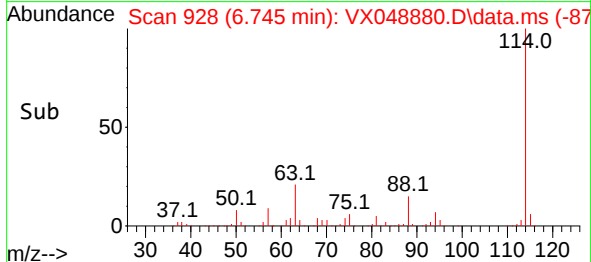
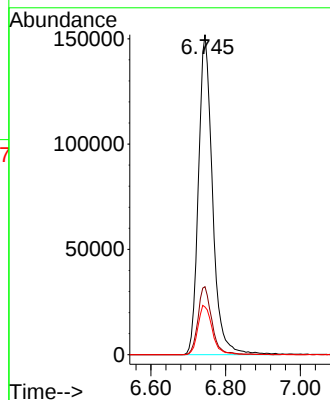
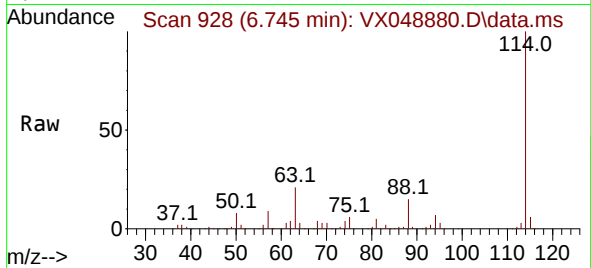




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048880.D
Acq: 15 Dec 2025 16:03

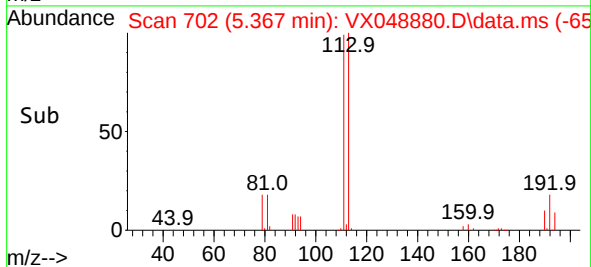
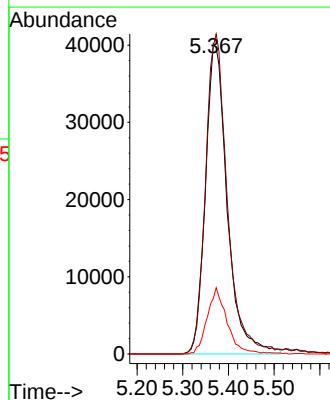
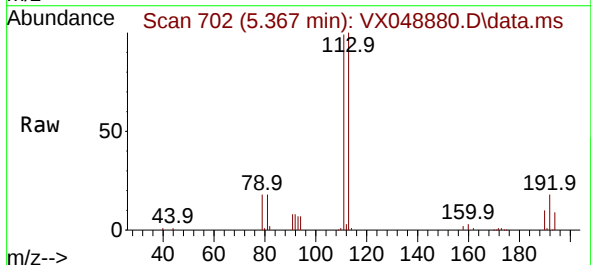
Instrument :
MSVOA_X
ClientSampleId :
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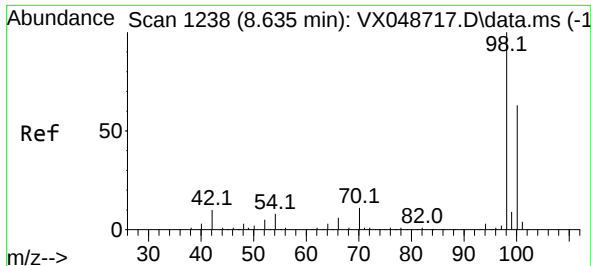
Tgt Ion:114 Resp: 396265
Ion Ratio Lower Upper
114 100
63 21.3 0.0 39.0
88 14.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.810 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048880.D
Acq: 15 Dec 2025 16:03

Tgt Ion:113 Resp: 133176
Ion Ratio Lower Upper
113 100
111 102.8 79.5 119.3
192 19.6 16.1 24.1

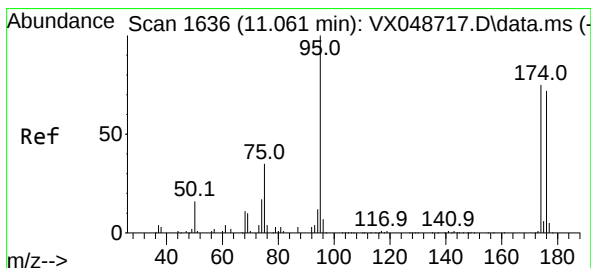
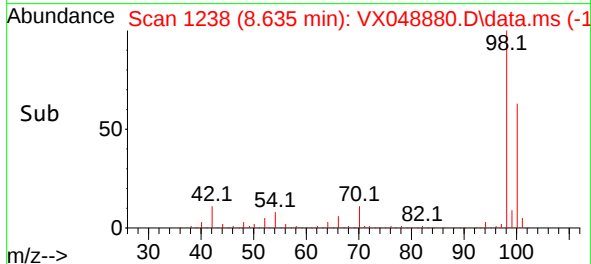
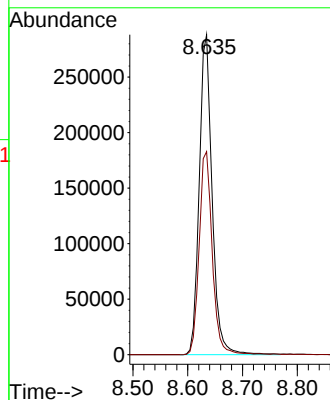
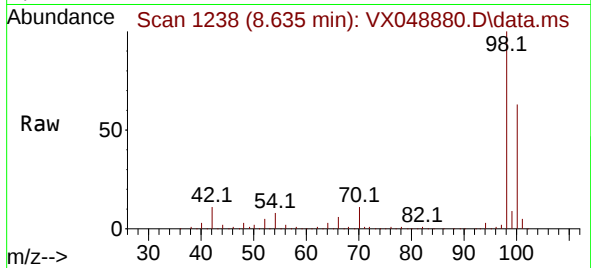




#50
Toluene-d8
Concen: 49.246 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048880.D
Acq: 15 Dec 2025 16:03

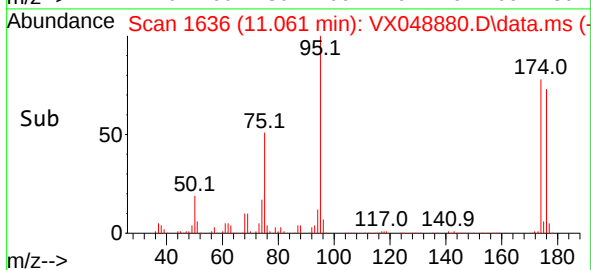
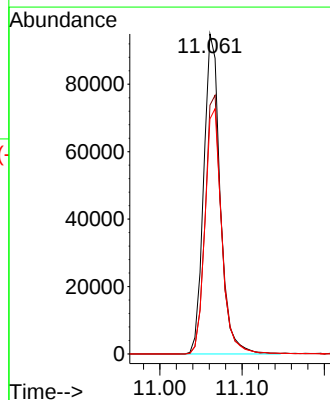
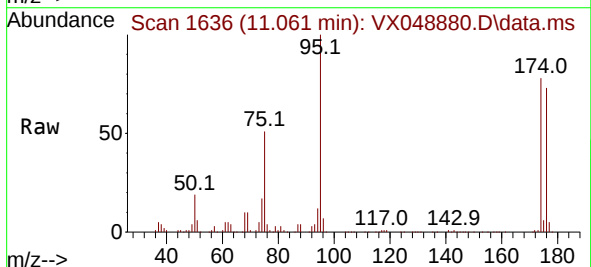
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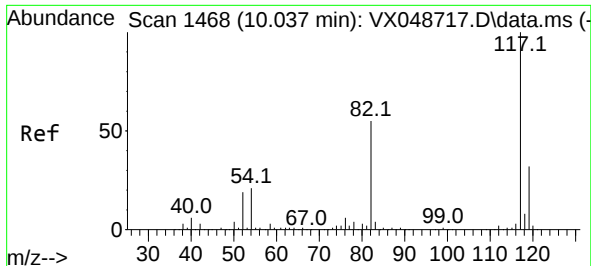
Tgt Ion: 98 Resp: 470992
Ion Ratio Lower Upper
98 100
100 64.7 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 39.914 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048880.D
Acq: 15 Dec 2025 16:03

Tgt Ion: 95 Resp: 131637
Ion Ratio Lower Upper
95 100
174 81.0 0.0 157.8
176 78.0 0.0 154.0

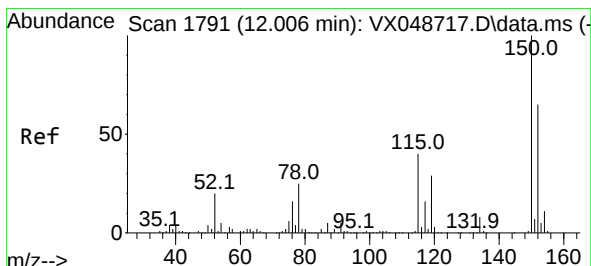
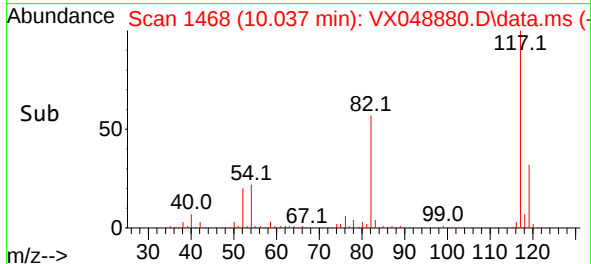
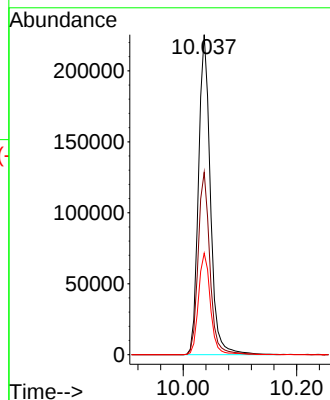
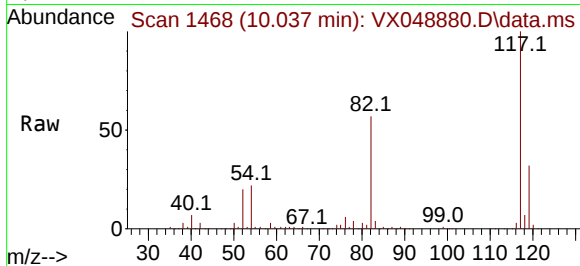




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048880.D
Acq: 15 Dec 2025 16:03

Instrument :
MSVOA_X
ClientSampleId :
TB01-121225

Tgt Ion:117 Resp: 327570
Ion Ratio Lower Upper
117 100
82 57.0 44.1 66.1
119 31.7 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: VX048880.D
Acq: 15 Dec 2025 16:03

Tgt Ion:152 Resp: 120220
Ion Ratio Lower Upper
152 100
115 60.3 42.1 126.4
150 158.2 0.0 347.8

