

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
 Data File : VX048828.D
 Acq On : 11 Dec 2025 15:58
 Operator : JC/MD
 Sample : Q3828-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-120925

Quant Time: Dec 11 23:52:21 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	5.538	168	185904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	310427	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	278196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	125050	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	130506	52.303	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.600%
35) Dibromofluoromethane	5.373	113	104347	48.819	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.640%
50) Toluene-d8	8.635	98	369149	49.271	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.540%
62) 4-Bromofluorobenzene	11.061	95	122664	47.478	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.960%

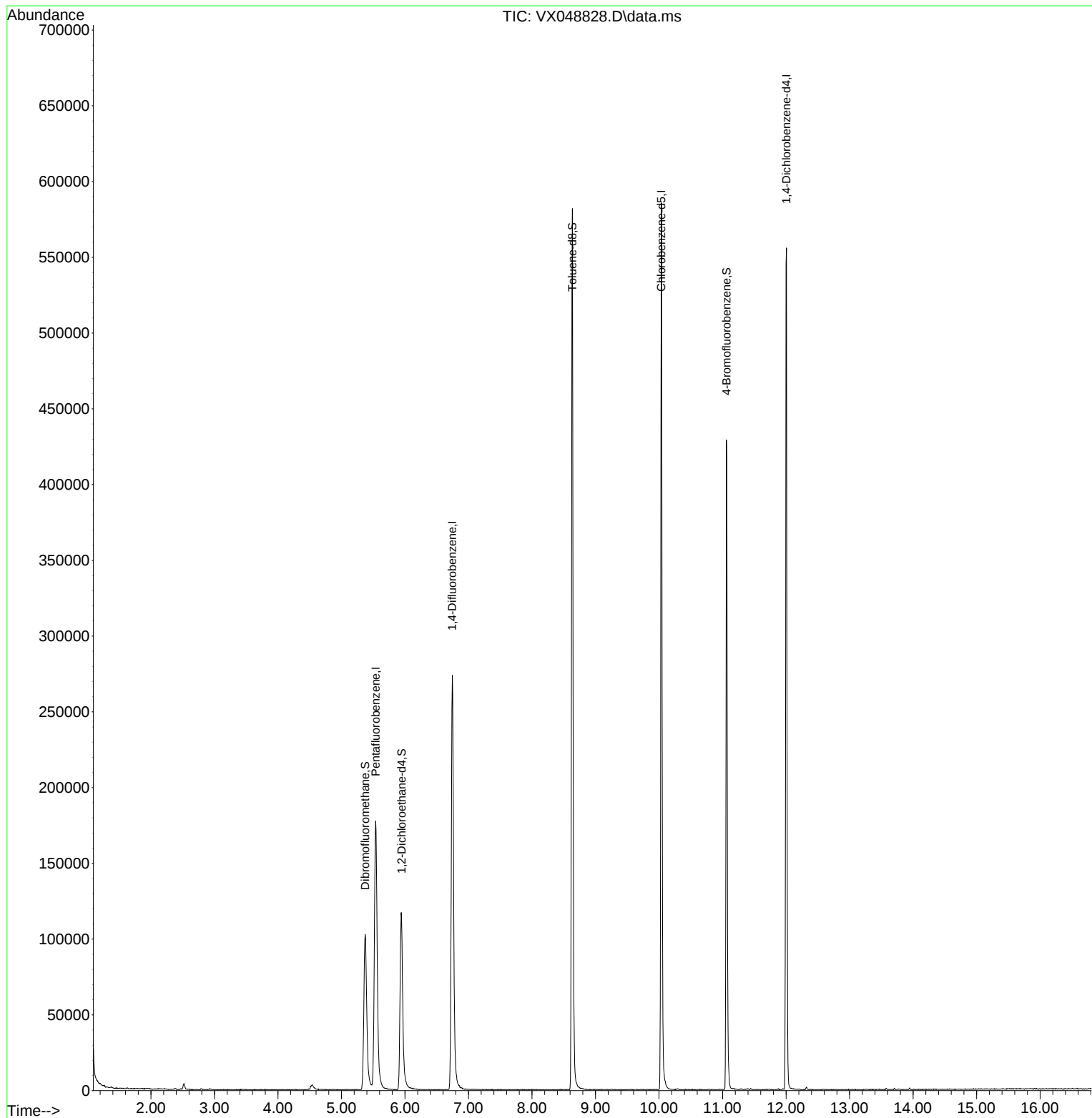
Target Compounds	Qvalue

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

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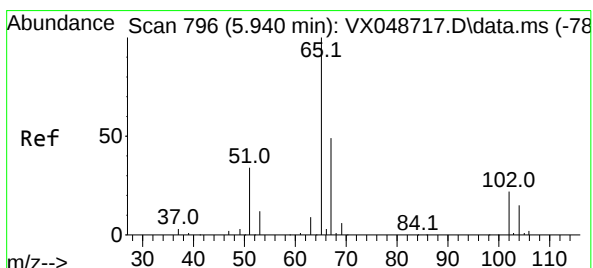
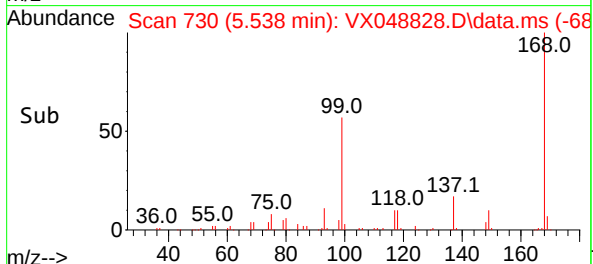
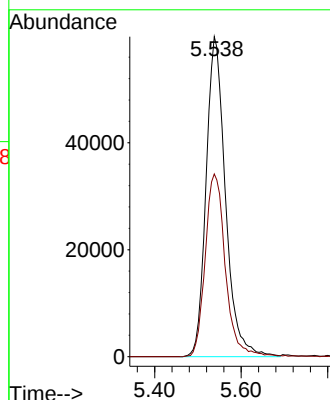
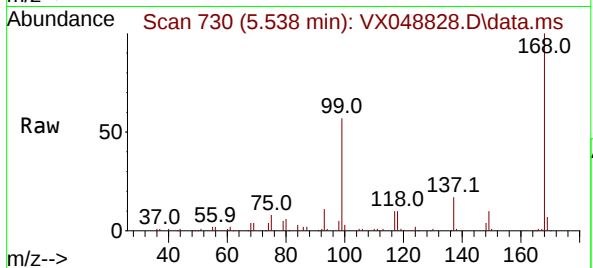




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048828.D
Acq: 11 Dec 2025 15:58

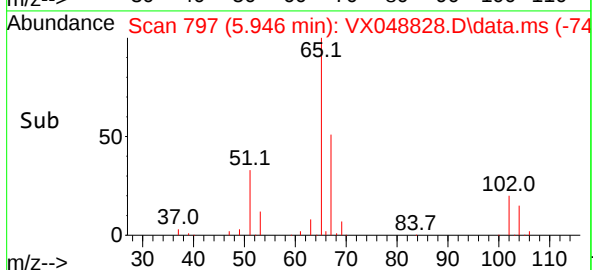
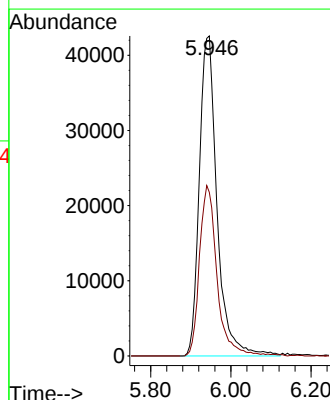
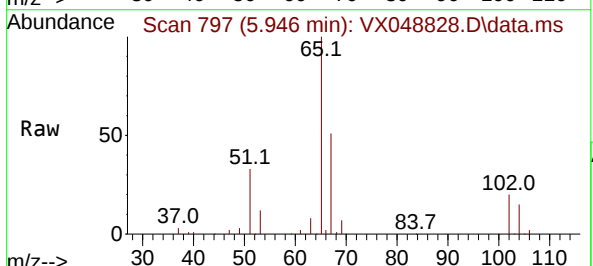
Instrument :
MSVOA_X
ClientSampleId :
TB01-120925

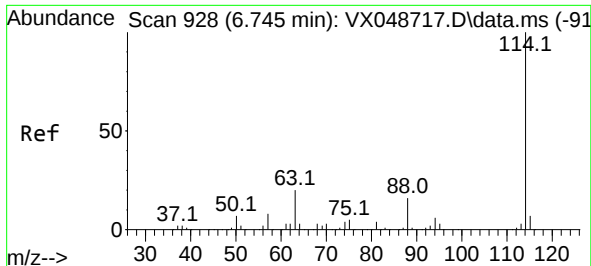
Tgt Ion:168 Resp: 185904
Ion Ratio Lower Upper
168 100
99 57.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 52.303 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048828.D
Acq: 11 Dec 2025 15:58

Tgt Ion: 65 Resp: 130506
Ion Ratio Lower Upper
65 100
67 52.3 0.0 107.4

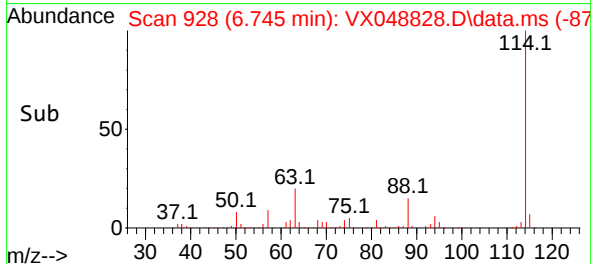
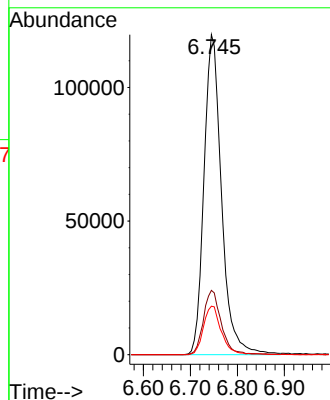
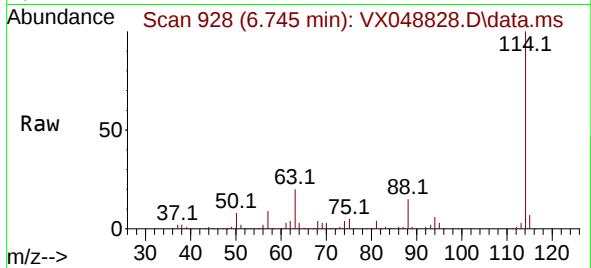




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048828.D
Acq: 11 Dec 2025 15:58

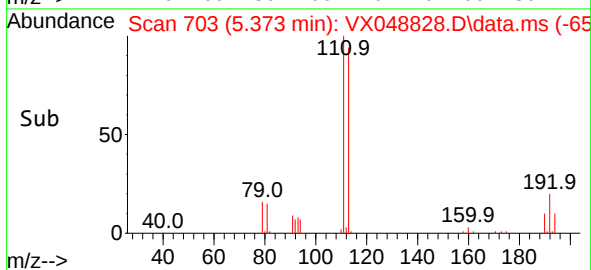
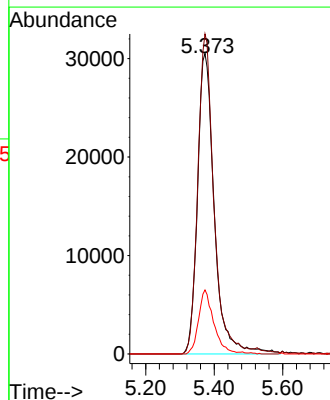
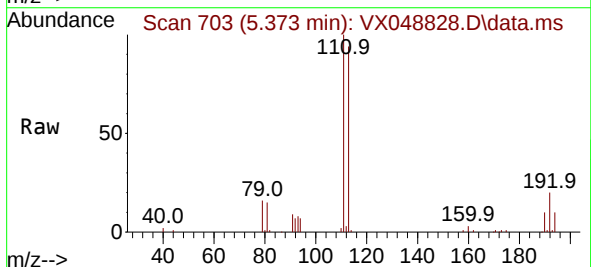
Instrument :
MSVOA_X
ClientSampleId :
TB01-120925

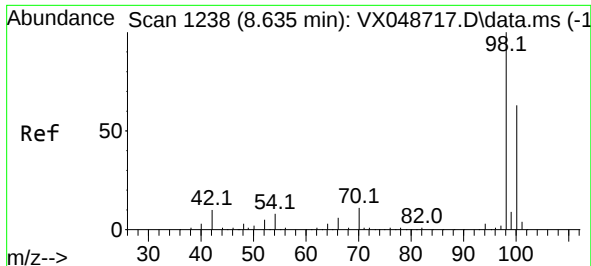
Tgt Ion:114 Resp: 310427
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.0
88 15.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.819 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048828.D
Acq: 11 Dec 2025 15:58

Tgt Ion:113 Resp: 104347
Ion Ratio Lower Upper
113 100
111 101.2 79.5 119.3
192 19.3 16.1 24.1

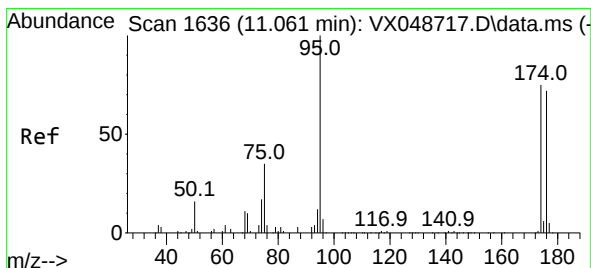
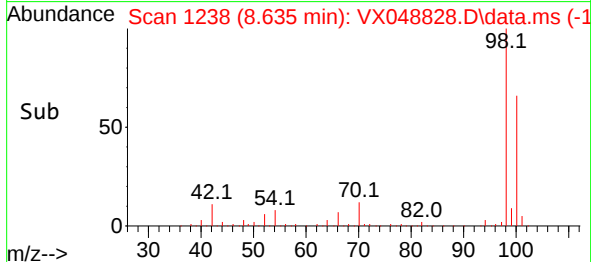
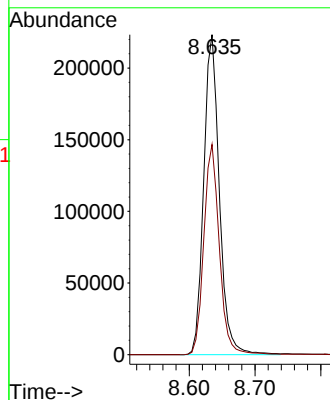
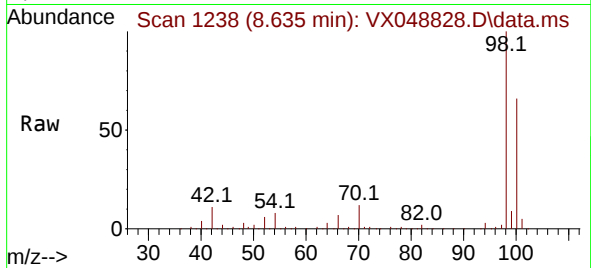




#50
Toluene-d8
Concen: 49.271 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048828.D
Acq: 11 Dec 2025 15:58

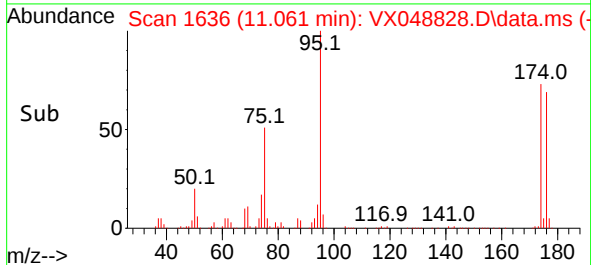
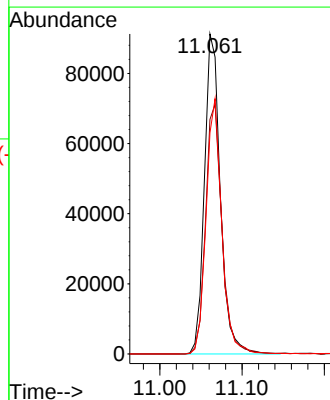
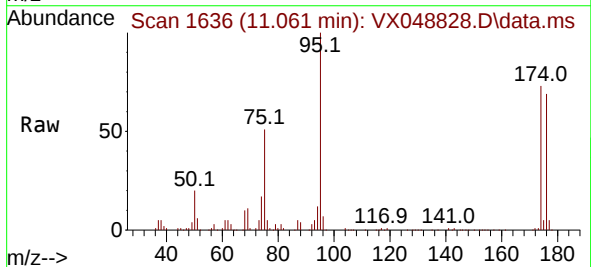
Instrument :
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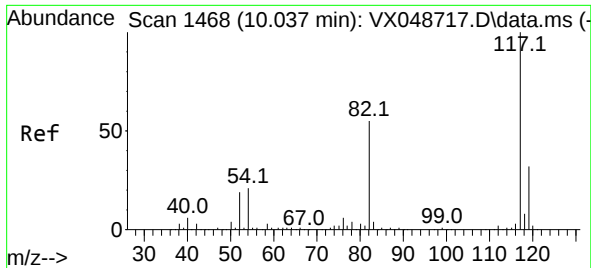
Tgt Ion: 98 Resp: 369149
Ion Ratio Lower Upper
98 100
100 65.3 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 47.478 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048828.D
Acq: 11 Dec 2025 15:58

Tgt Ion: 95 Resp: 122664
Ion Ratio Lower Upper
95 100
174 80.7 0.0 157.8
176 79.1 0.0 154.0

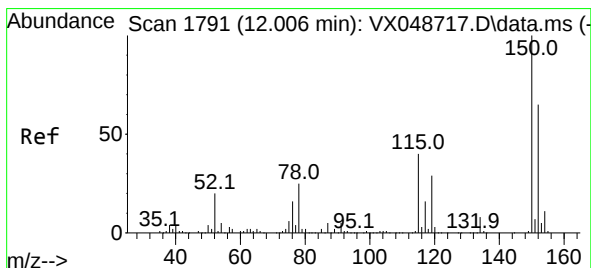
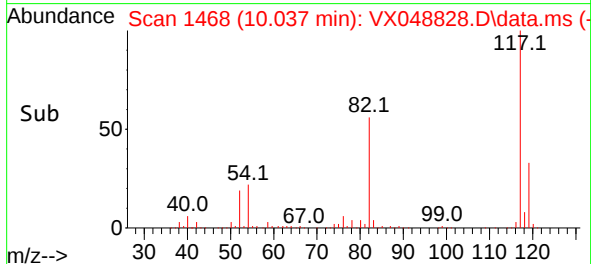
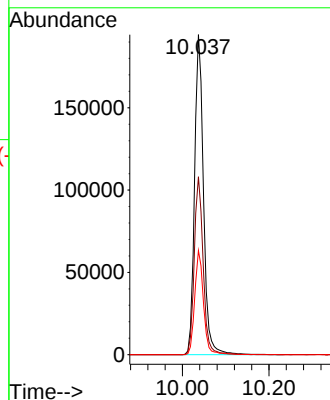
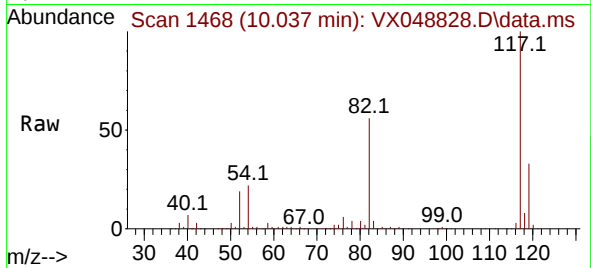




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048828.D
Acq: 11 Dec 2025 15:58

Instrument :
MSVOA_X
ClientSampleId :
TB01-120925

Tgt Ion:117 Resp: 278196
Ion Ratio Lower Upper
117 100
82 55.6 44.1 66.1
119 32.5 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: VX048828.D
Acq: 11 Dec 2025 15:58

Tgt Ion:152 Resp: 125050
Ion Ratio Lower Upper
152 100
115 59.5 42.1 126.4
150 159.1 0.0 347.8

