

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048811.D
 Acq On : 10 Dec 2025 15:11
 Operator : JC/MD
 Sample : Q3787-17RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-08B-72.5-120425-FDRE

Quant Time: Dec 11 00:24:15 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	154804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	318388	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	343017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	186375	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	121686	58.566	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	117.140%#
35) Dibromofluoromethane	5.379	113	104014	47.447	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.900%
50) Toluene-d8	8.635	98	361441	47.035	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.080%
62) 4-Bromofluorobenzene	11.061	95	162743	61.416	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	122.840%

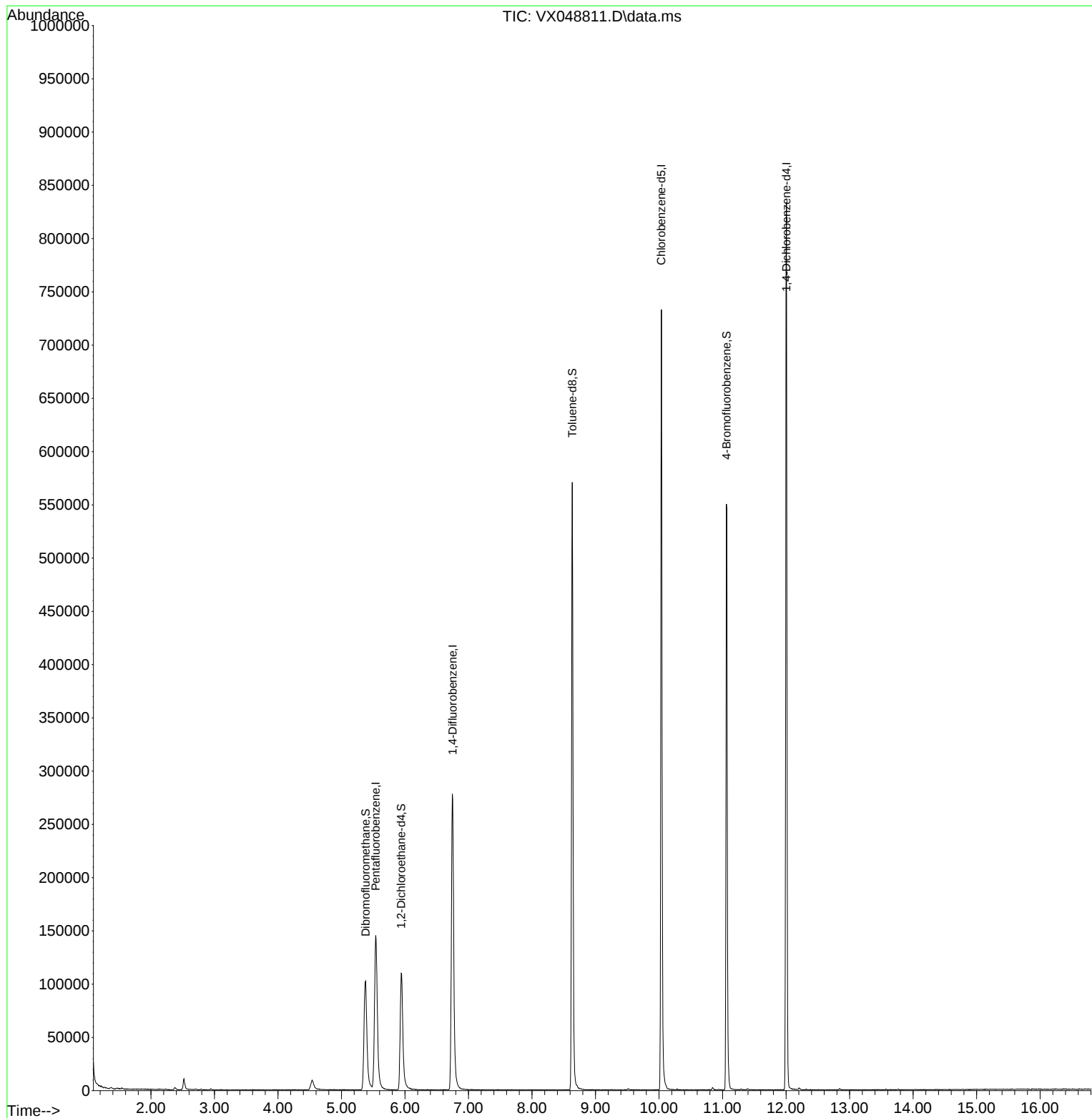
Target Compounds	Qvalue

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

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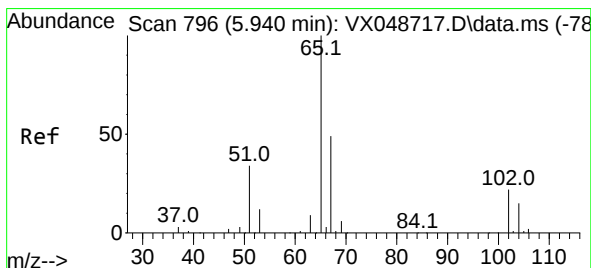
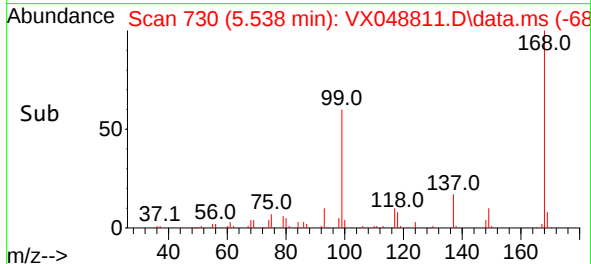
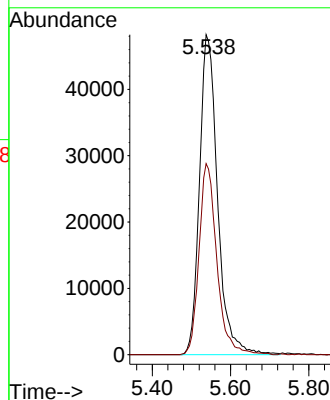
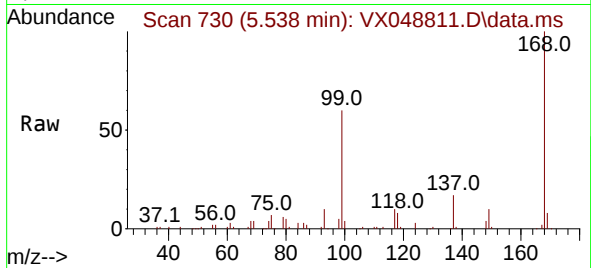




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048811.D
Acq: 10 Dec 2025 15:11

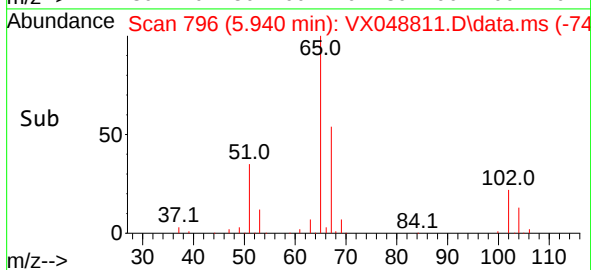
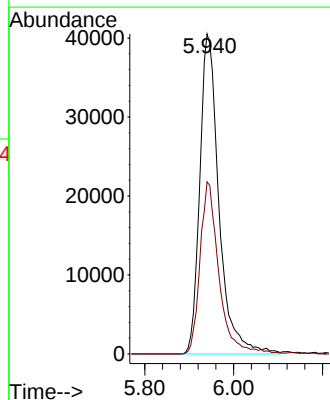
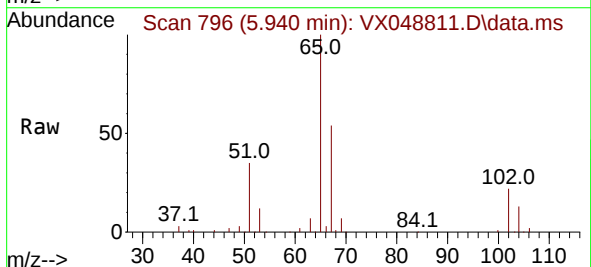
Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-120425-FDRE

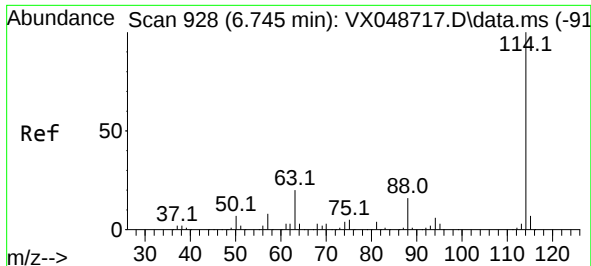
Tgt Ion:168 Resp: 154804
Ion Ratio Lower Upper
168 100
99 59.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 58.566 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048811.D
Acq: 10 Dec 2025 15:11

Tgt Ion: 65 Resp: 121686
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.4

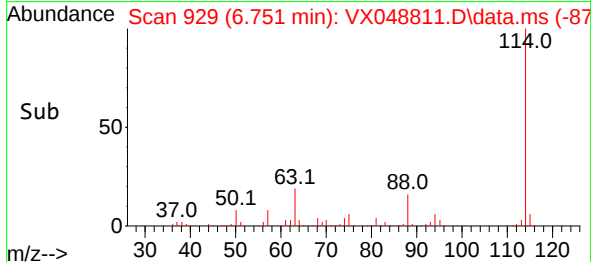
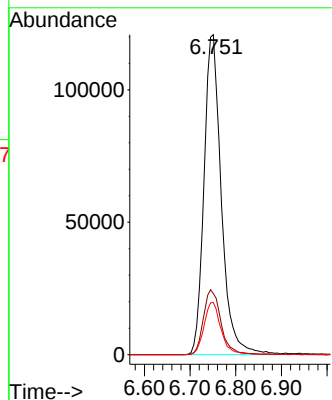
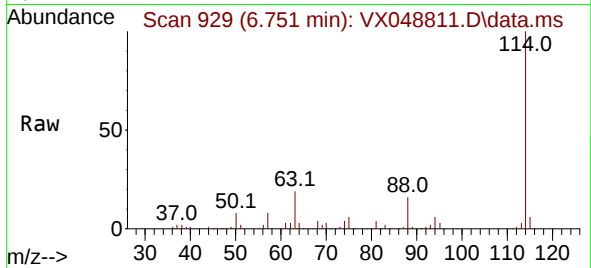




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX048811.D
Acq: 10 Dec 2025 15:11

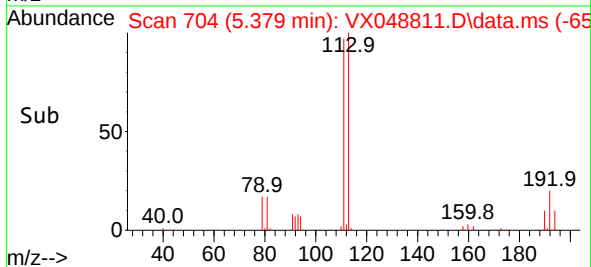
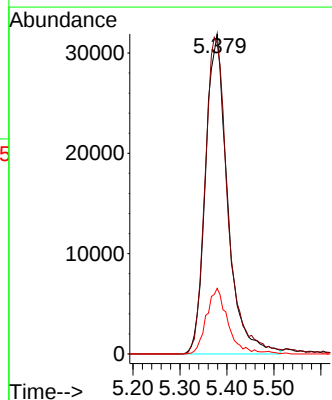
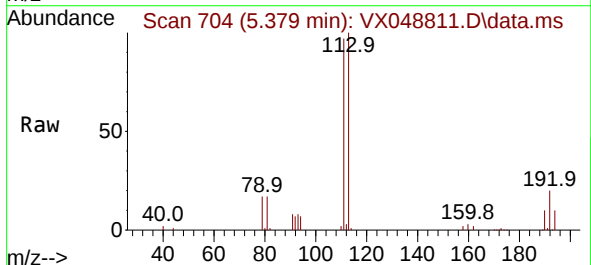
Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-120425-FDRE

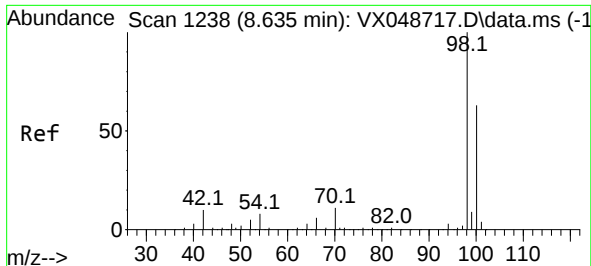
Tgt Ion:114 Resp: 318388
Ion Ratio Lower Upper
114 100
63 19.1 0.0 39.0
88 16.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.447 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048811.D
Acq: 10 Dec 2025 15:11

Tgt Ion:113 Resp: 104014
Ion Ratio Lower Upper
113 100
111 101.8 79.5 119.3
192 19.8 16.1 24.1

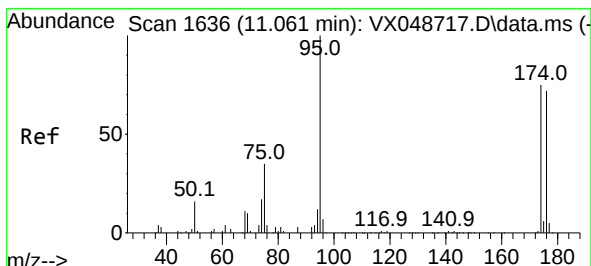
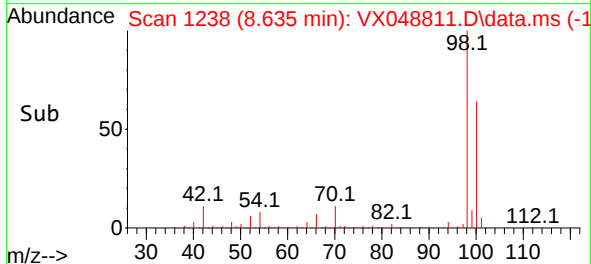
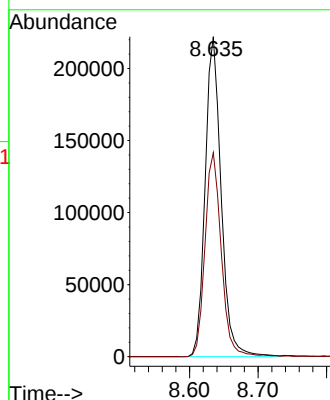
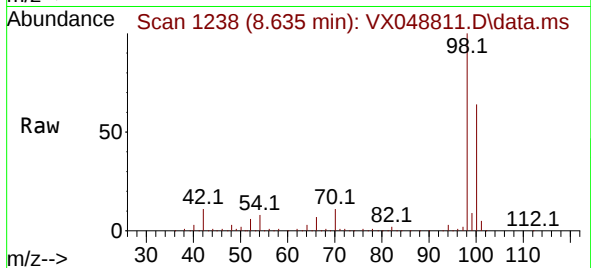




#50
Toluene-d8
Concen: 47.035 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048811.D
Acq: 10 Dec 2025 15:11

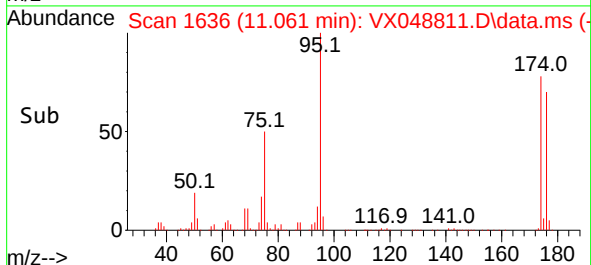
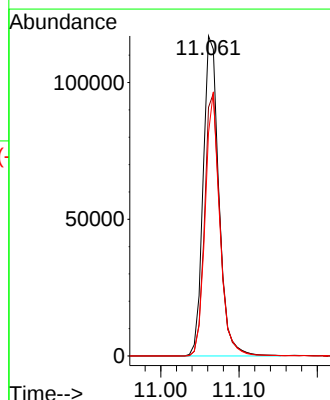
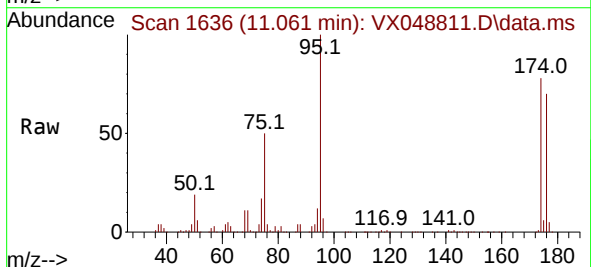
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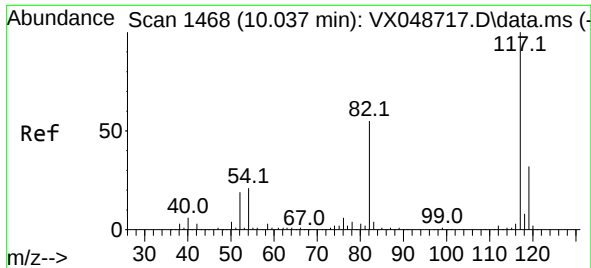
Tgt Ion: 98 Resp: 361441
Ion Ratio Lower Upper
98 100
100 65.0 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 61.416 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048811.D
Acq: 10 Dec 2025 15:11

Tgt Ion: 95 Resp: 162743
Ion Ratio Lower Upper
95 100
174 80.7 0.0 157.8
176 76.9 0.0 154.0

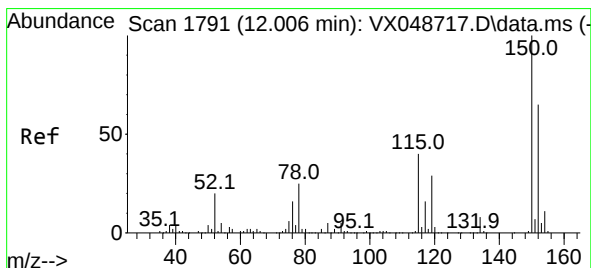
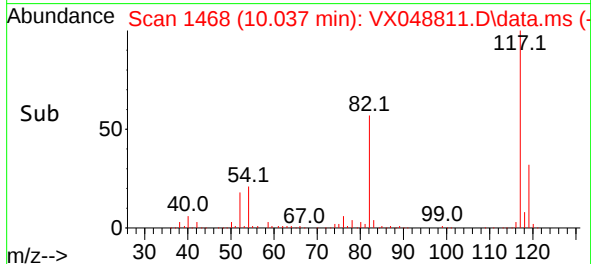
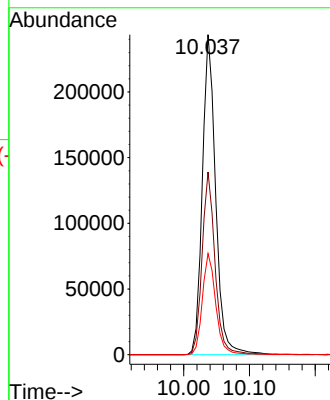
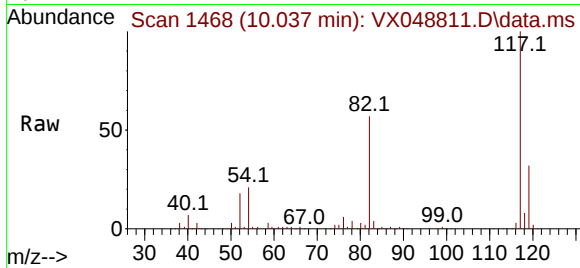




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048811.D
Acq: 10 Dec 2025 15:11

Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-120425-FDRE

Tgt Ion:117 Resp: 343017
Ion Ratio Lower Upper
117 100
82 57.1 44.1 66.1
119 31.6 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: VX048811.D
Acq: 10 Dec 2025 15:11

Tgt Ion:152 Resp: 186375
Ion Ratio Lower Upper
152 100
115 58.0 42.1 126.4
150 156.6 0.0 347.8

