

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121525\
 Data File : VX048879.D
 Acq On : 15 Dec 2025 15:43
 Operator : JC/MD
 Sample : Q3863-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-121225

Quant Time: Dec 16 00:18:00 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	5.525	168	238892	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	388972	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	314578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	115901	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.928	65	156503	48.810	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.620%
35) Dibromofluoromethane	5.361	113	130220	48.622	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.240%
50) Toluene-d8	8.629	98	457817	48.766	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.540%
62) 4-Bromofluorobenzene	11.061	95	125642	38.811	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	77.620%#

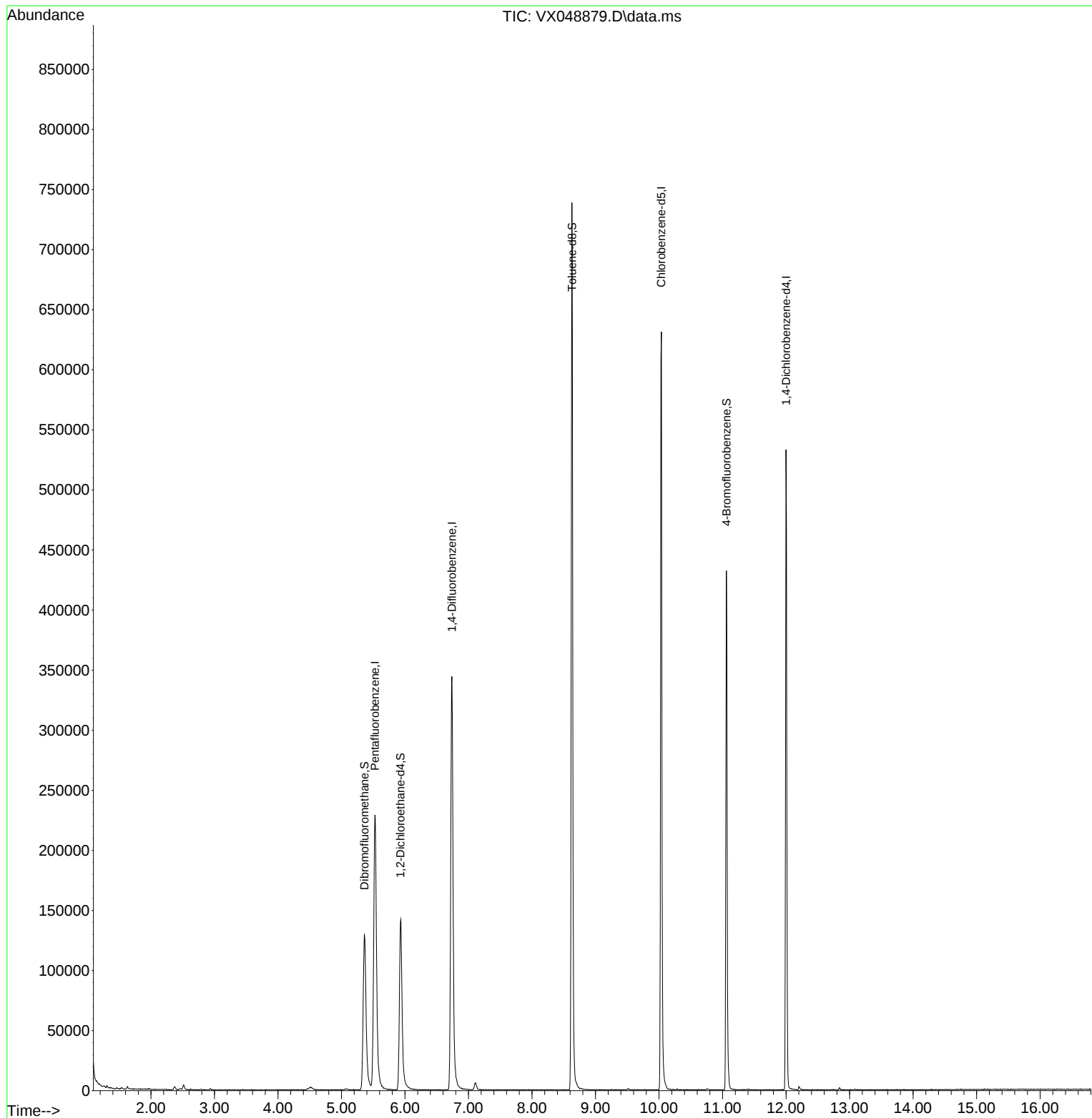
Target Compounds	Qvalue

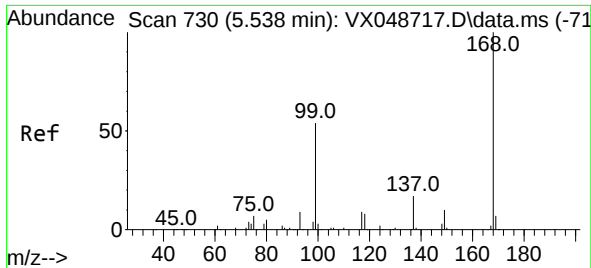
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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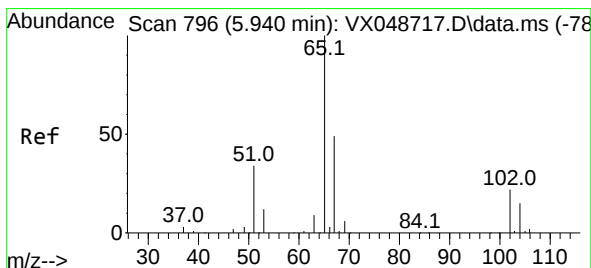
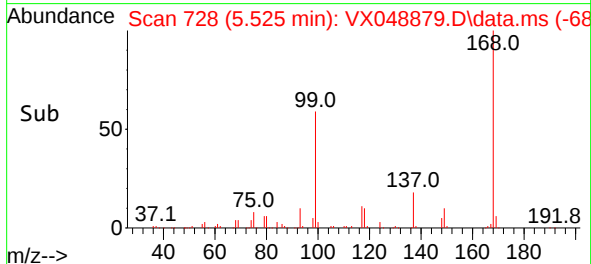
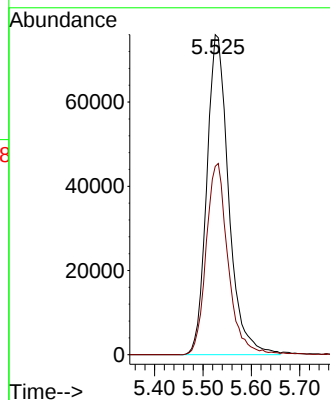
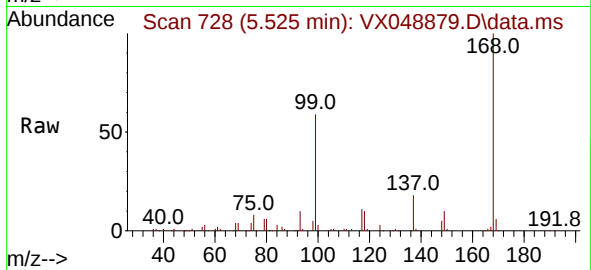




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.525 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX048879.D
Acq: 15 Dec 2025 15:43

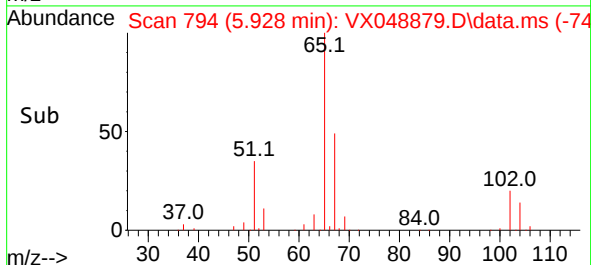
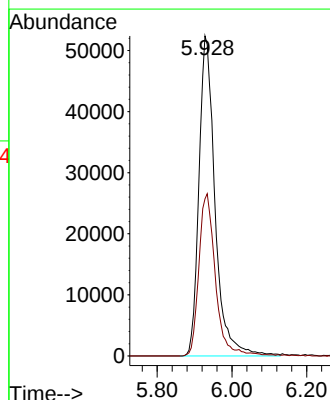
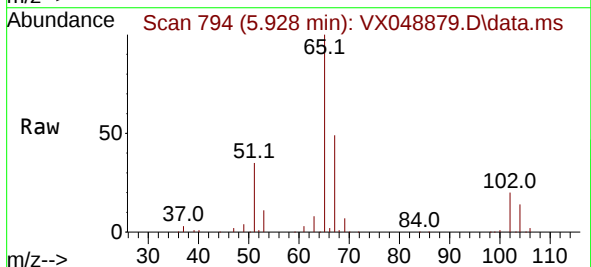
Instrument :
MSVOA_X
ClientSampleId :
EB01-121225

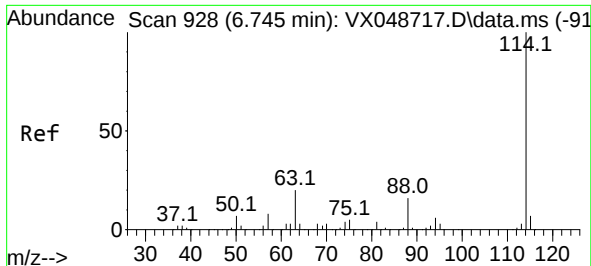
Tgt Ion:168 Resp: 238892
Ion Ratio Lower Upper
168 100
99 58.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 48.810 ug/l
RT: 5.928 min Scan# 794
Delta R.T. -0.012 min
Lab File: VX048879.D
Acq: 15 Dec 2025 15:43

Tgt Ion: 65 Resp: 156503
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.4

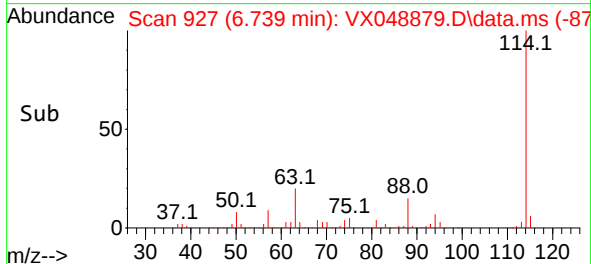
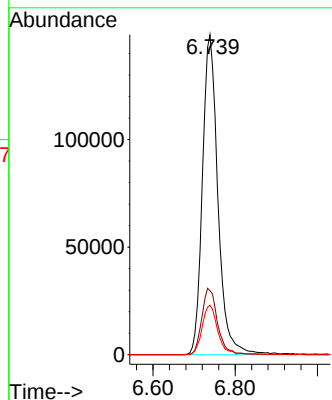
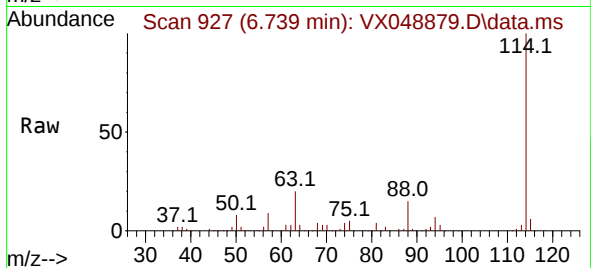




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX048879.D
Acq: 15 Dec 2025 15:43

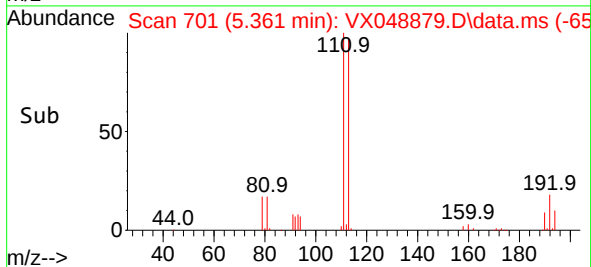
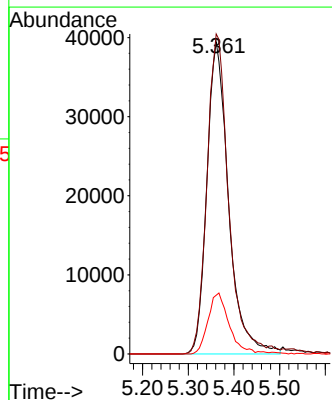
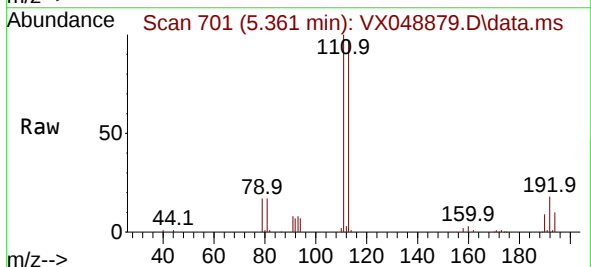
Instrument :
MSVOA_X
ClientSampleId :
EB01-121225

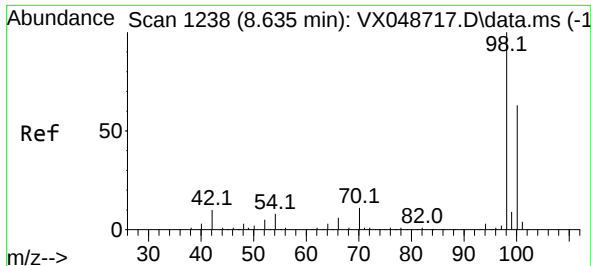
Tgt Ion:114 Resp: 388972
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.0
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.622 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048879.D
Acq: 15 Dec 2025 15:43

Tgt Ion:113 Resp: 130220
Ion Ratio Lower Upper
113 100
111 101.5 79.5 119.3
192 18.9 16.1 24.1

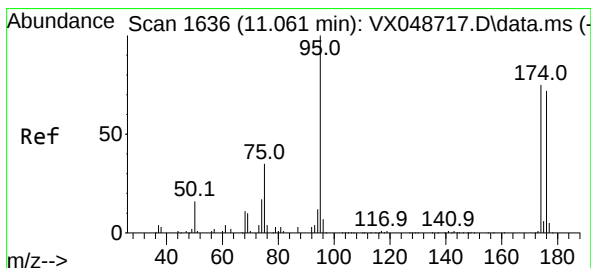
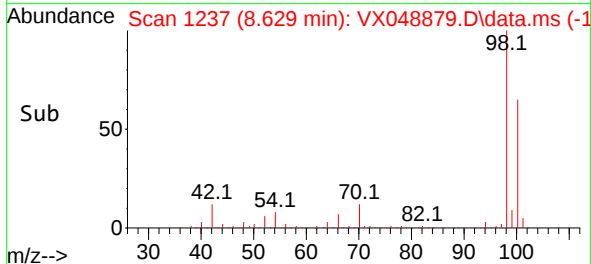
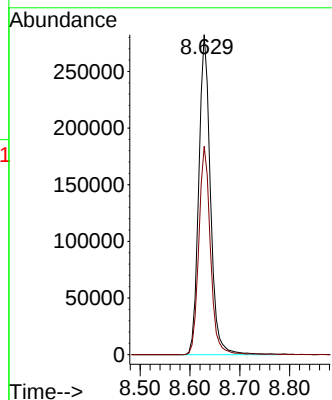
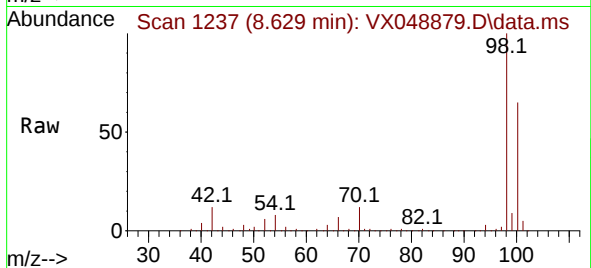




#50
Toluene-d8
Concen: 48.766 ug/l
RT: 8.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048879.D
Acq: 15 Dec 2025 15:43

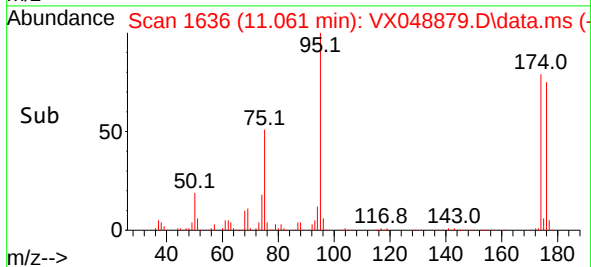
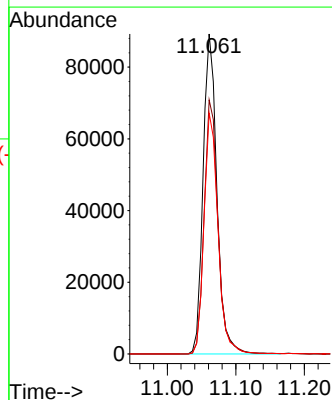
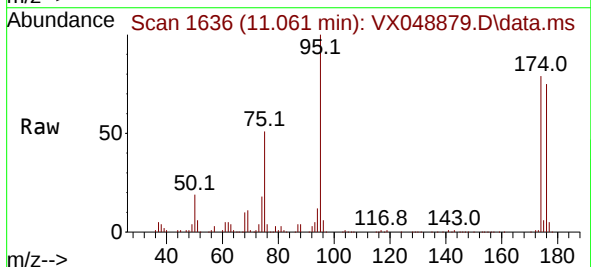
Instrument :
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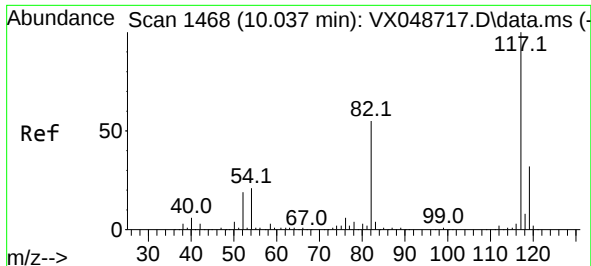
Tgt Ion: 98 Resp: 457817
Ion Ratio Lower Upper
98 100
100 65.0 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 38.811 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048879.D
Acq: 15 Dec 2025 15:43

Tgt Ion: 95 Resp: 125642
Ion Ratio Lower Upper
95 100
174 79.5 0.0 157.8
176 76.2 0.0 154.0

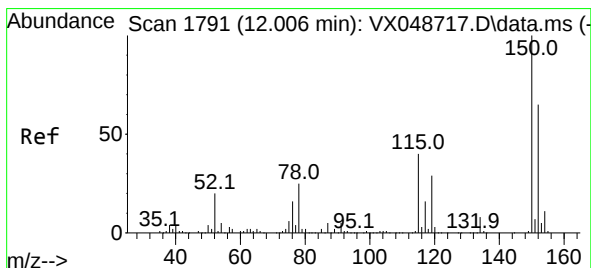
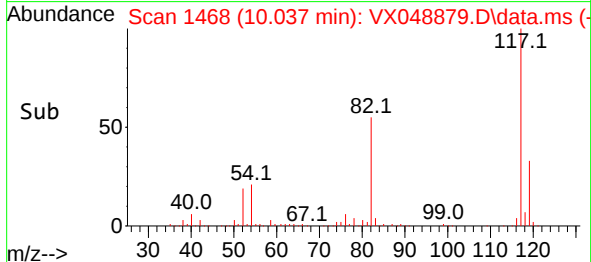
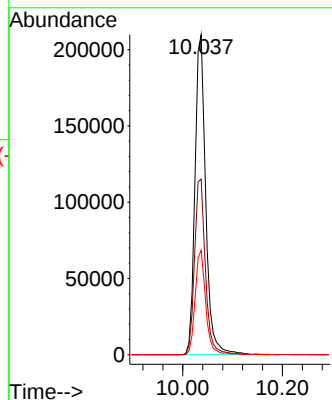
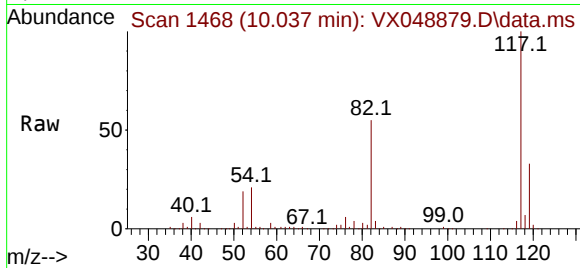




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048879.D
Acq: 15 Dec 2025 15:43

Instrument :
MSVOA_X
ClientSampleId :
EB01-121225

Tgt Ion	Resp	Ion	Ratio	Lower	Upper
117	314578	117	100		
82		82	54.8	44.1	66.1
119		119	32.6	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048879.D
Acq: 15 Dec 2025 15:43

Tgt Ion	Resp	Ion	Ratio	Lower	Upper
152	115901	152	100		
115		115	58.5	42.1	126.4
150		150	156.6	0.0	347.8

