

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
 Data File : VX048759.D
 Acq On : 08 Dec 2025 16:40
 Operator : JC/MD
 Sample : Q3787-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-120425

Quant Time: Dec 09 04:13:00 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	5.544	168	127620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	207475	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	229401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	120941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	121242	70.782	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 141.560%#	
35) Dibromofluoromethane	5.373	113	84671	59.271	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 118.540%	
50) Toluene-d8	8.635	98	241341	48.196	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.400%	
62) 4-Bromofluorobenzene	11.061	95	102776	59.520	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 119.040%	

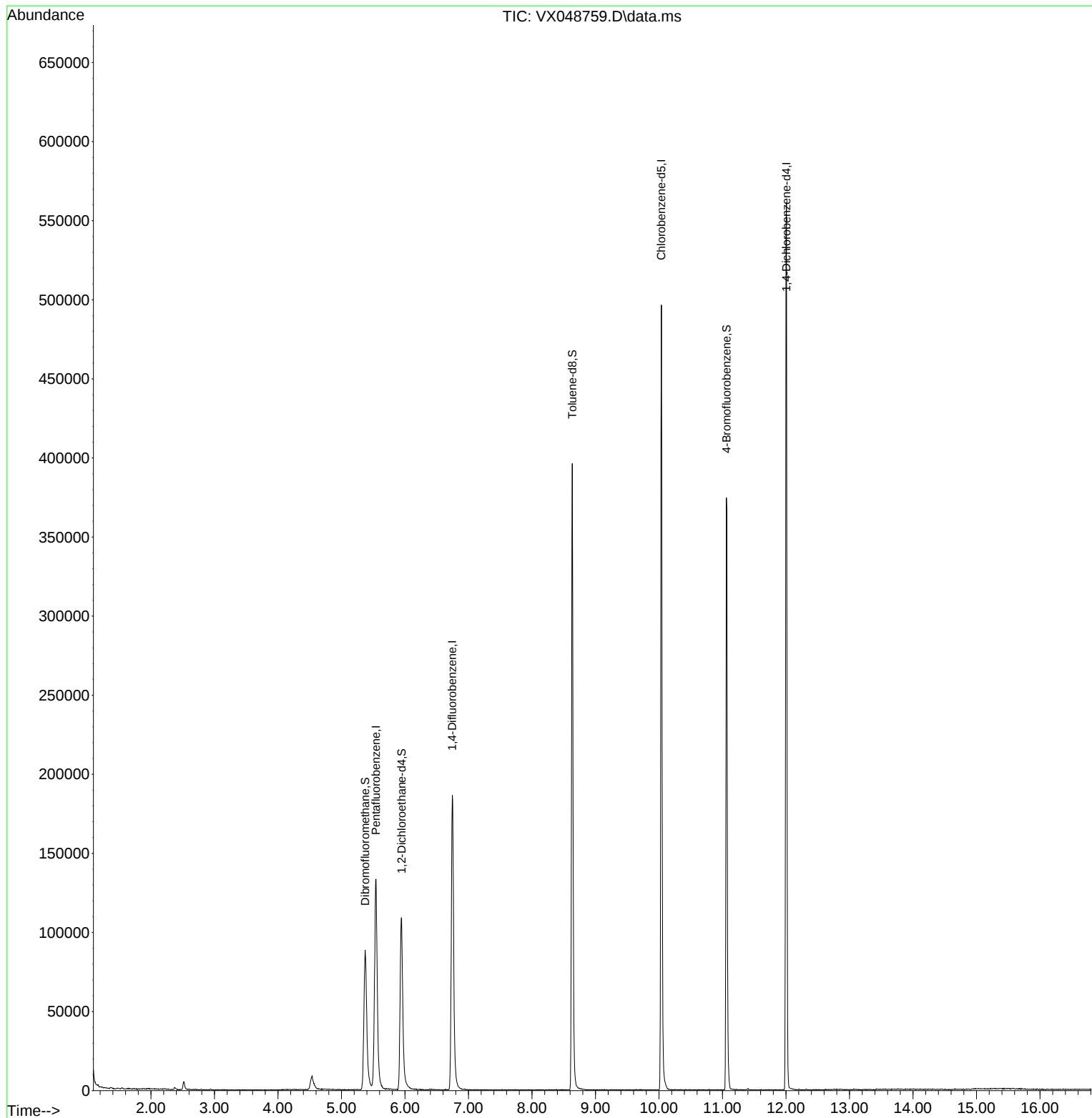
Target Compounds	Qvalue

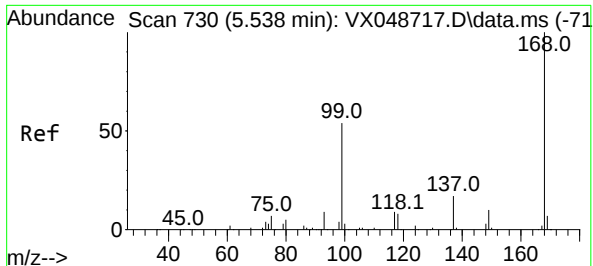
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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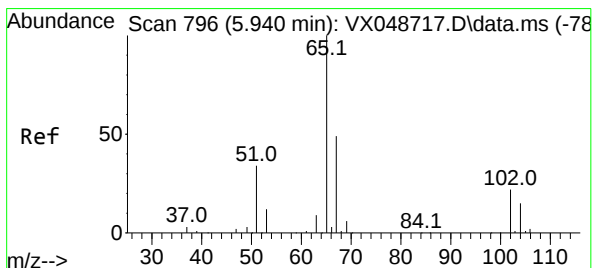
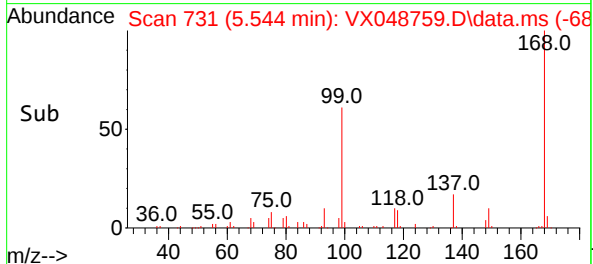
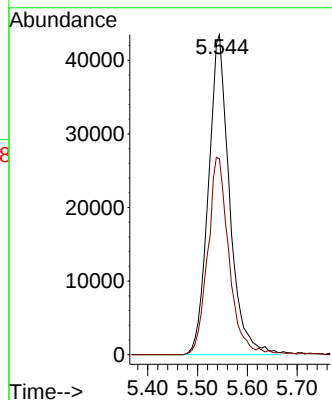
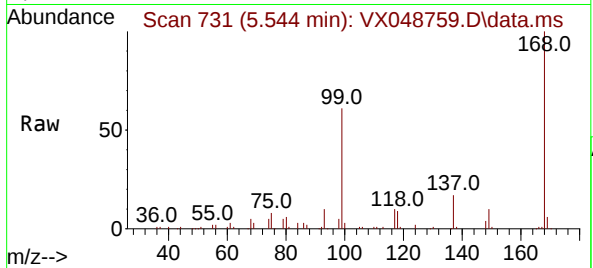




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048759.D
Acq: 08 Dec 2025 16:40

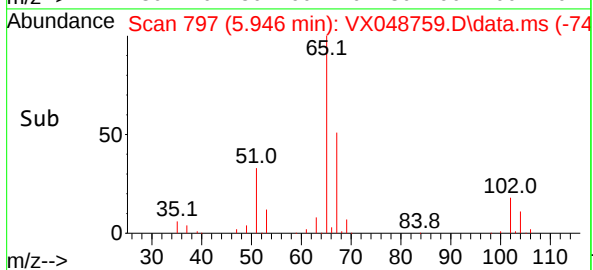
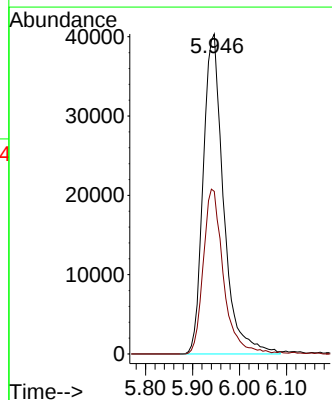
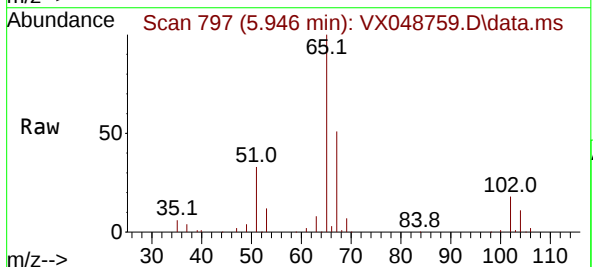
Instrument :
MSVOA_X
ClientSampleId :
TB01-120425

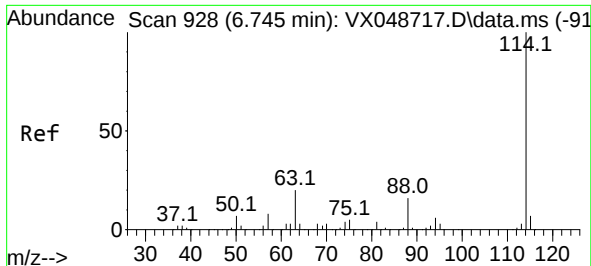
Tgt Ion:168 Resp: 127620
Ion Ratio Lower Upper
168 100
99 61.2 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 70.782 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048759.D
Acq: 08 Dec 2025 16:40

Tgt Ion: 65 Resp: 121242
Ion Ratio Lower Upper
65 100
67 51.0 0.0 107.4

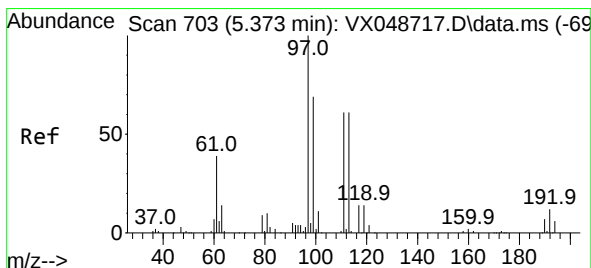
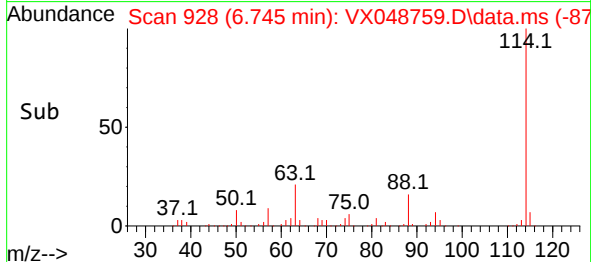
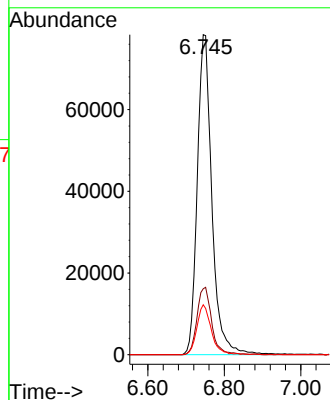
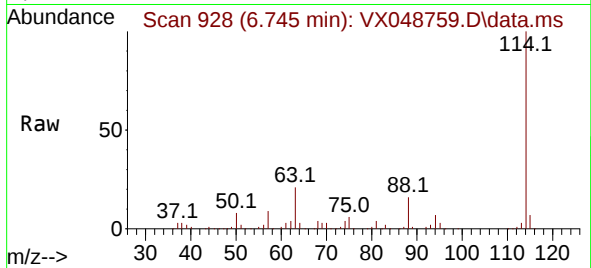




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048759.D
Acq: 08 Dec 2025 16:40

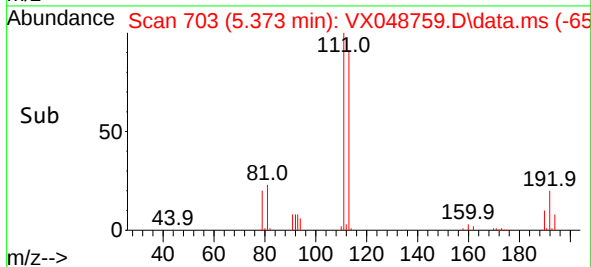
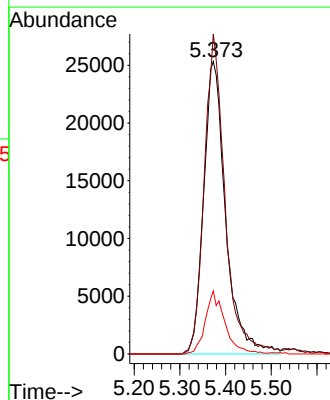
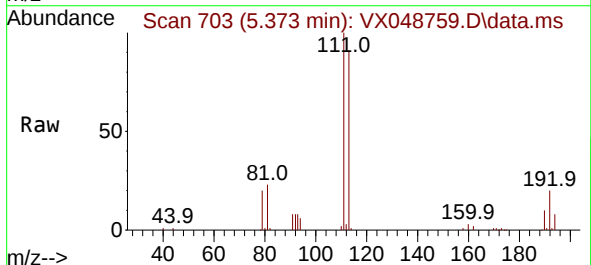
Instrument :
MSVOA_X
ClientSampleId :
TB01-120425

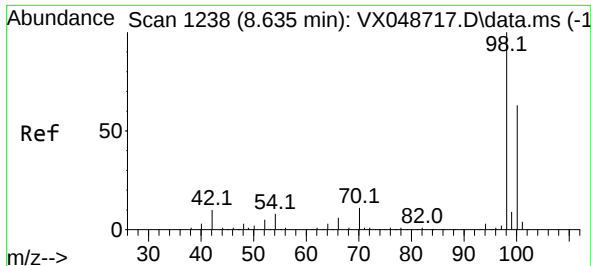
Tgt Ion:114 Resp: 207475
Ion Ratio Lower Upper
114 100
63 20.6 0.0 39.0
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 59.271 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048759.D
Acq: 08 Dec 2025 16:40

Tgt Ion:113 Resp: 84671
Ion Ratio Lower Upper
113 100
111 103.5 79.5 119.3
192 19.2 16.1 24.1

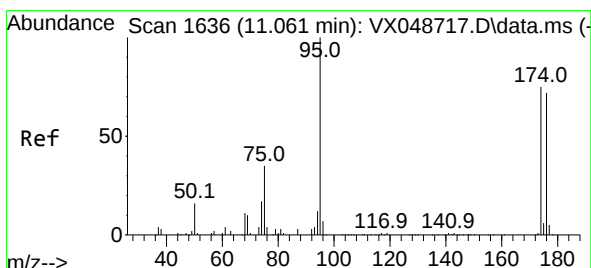
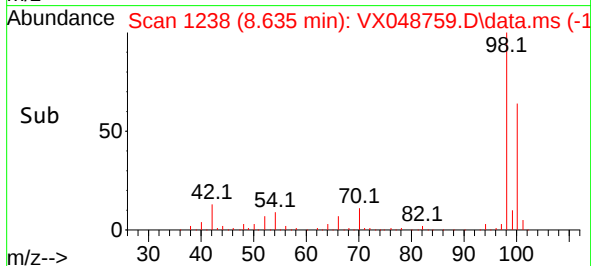
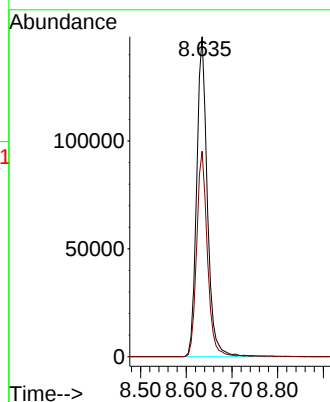
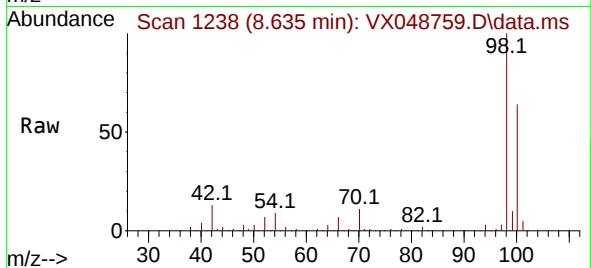




#50
Toluene-d8
Concen: 48.196 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048759.D
Acq: 08 Dec 2025 16:40

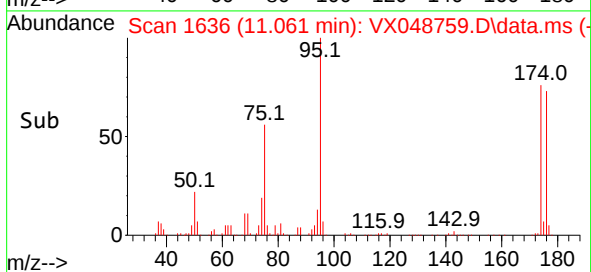
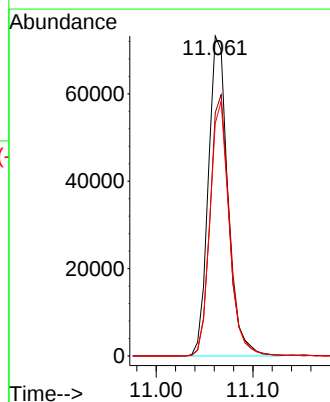
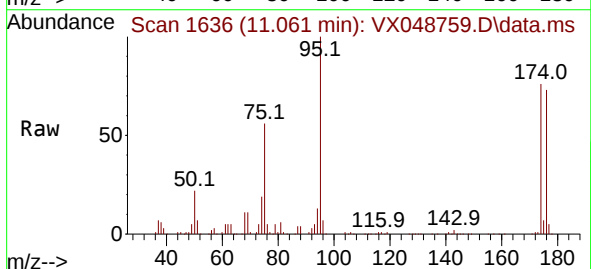
Instrument :
MSVOA_X
ClientSampleId :
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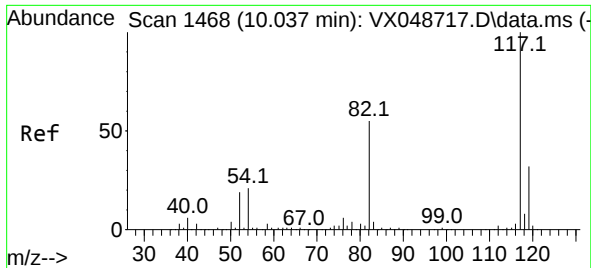
Tgt Ion: 98 Resp: 241341
Ion Ratio Lower Upper
98 100
100 64.1 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 59.520 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048759.D
Acq: 08 Dec 2025 16:40

Tgt Ion: 95 Resp: 102776
Ion Ratio Lower Upper
95 100
174 81.4 0.0 157.8
176 78.4 0.0 154.0

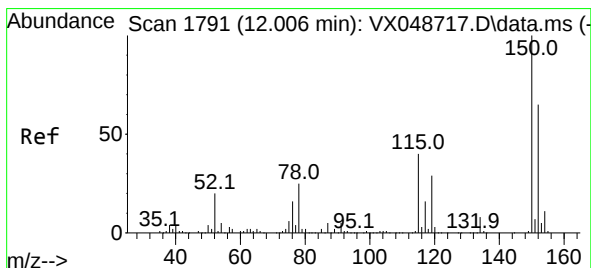
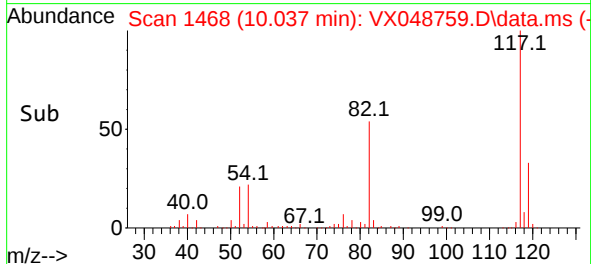
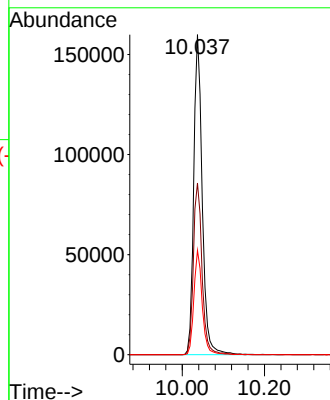
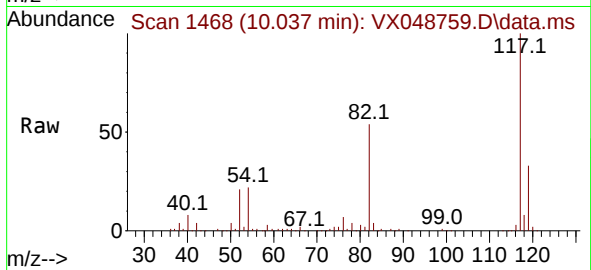




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048759.D
Acq: 08 Dec 2025 16:40

Instrument :
MSVOA_X
ClientSampleId :
TB01-120425

Tgt Ion:117 Resp: 229401
Ion Ratio Lower Upper
117 100
82 53.6 44.1 66.1
119 32.6 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: VX048759.D
Acq: 08 Dec 2025 16:40

Tgt Ion:152 Resp: 120941
Ion Ratio Lower Upper
152 100
115 58.4 42.1 126.4
150 159.9 0.0 347.8

