

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
 Data File : VX048850.D
 Acq On : 12 Dec 2025 13:31
 Operator : JC/MD
 Sample : Q3828-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-02-133-120925

Quant Time: Dec 12 22:12:33 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)

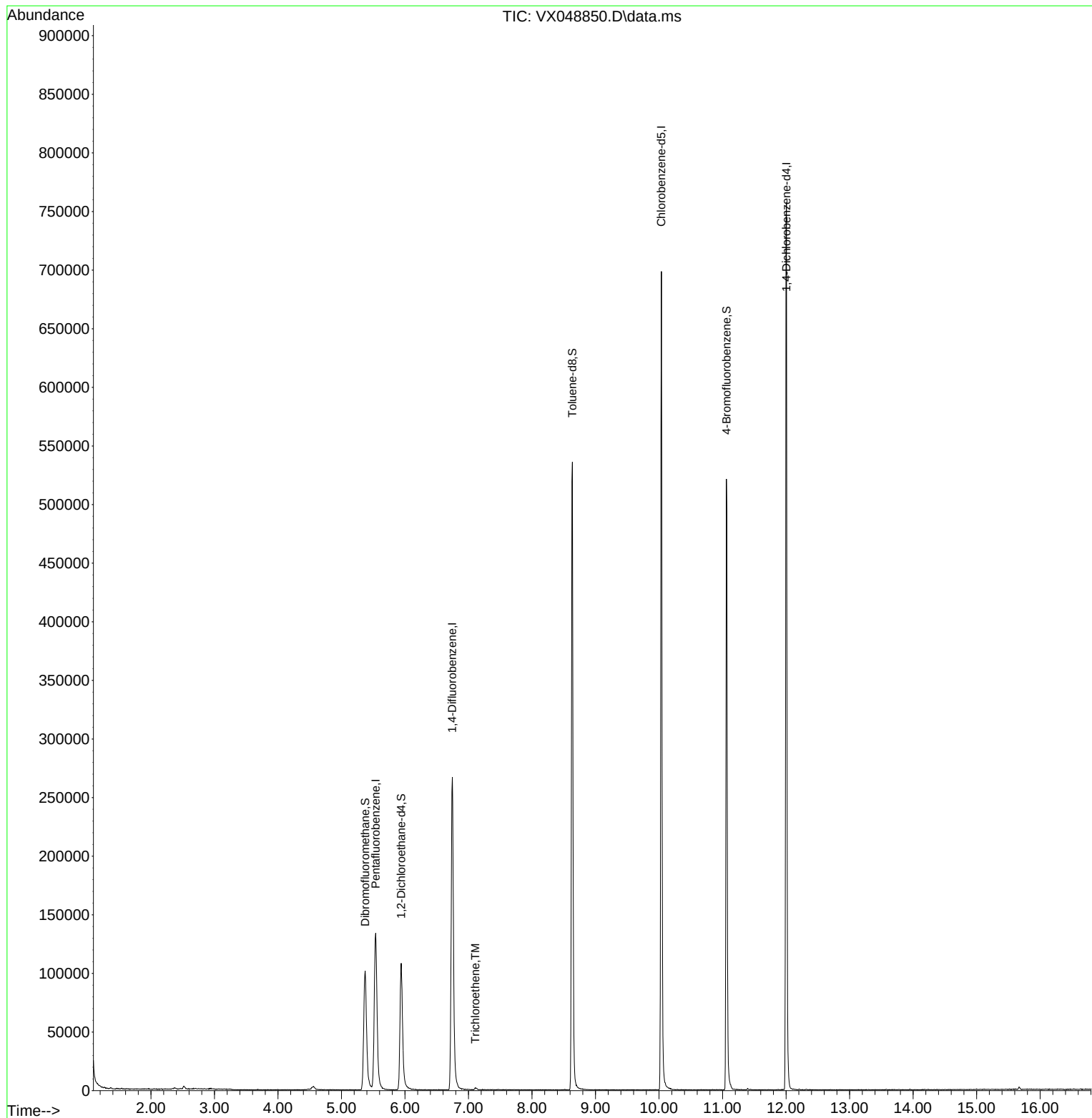
Internal Standards						
1) Pentafluorobenzene	5.537	168	139671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	296647	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	321216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	171700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	114631	61.148	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	122.300%	#
35) Dibromofluoromethane	5.373	113	99461	48.695	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	97.380%	
50) Toluene-d8	8.634	98	342777	47.876	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	95.760%	
62) 4-Bromofluorobenzene	11.061	95	147914	59.911	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	119.820%	
Target Compounds						
						Qvalue
44) Trichloroethene	7.104	130	664	0.307	ug/l	90

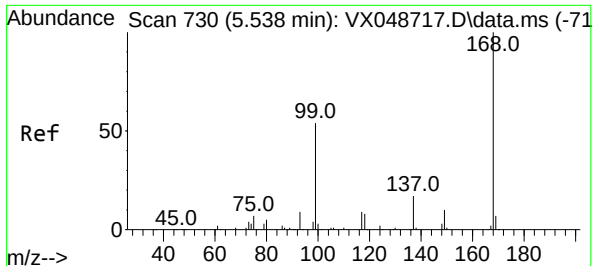
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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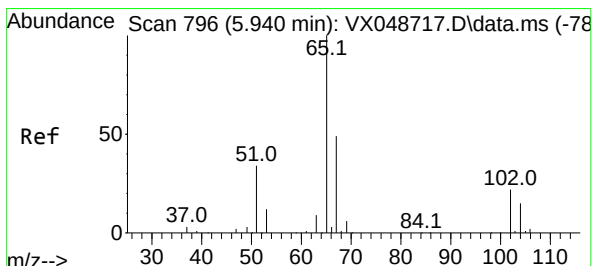
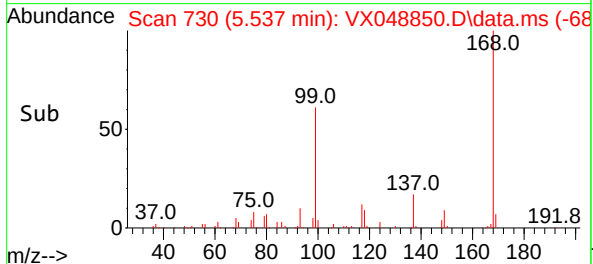
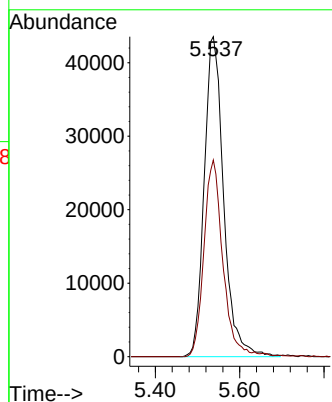
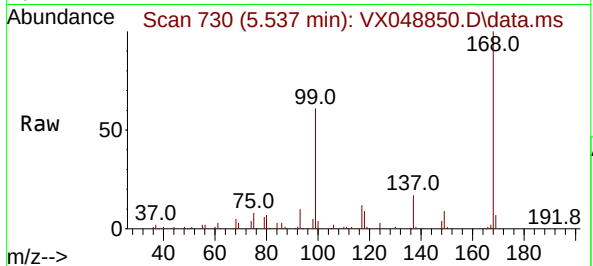




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX048850.D
Acq: 12 Dec 2025 13:31

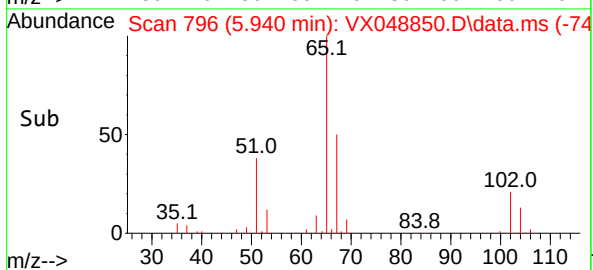
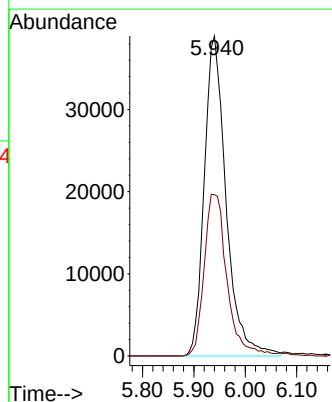
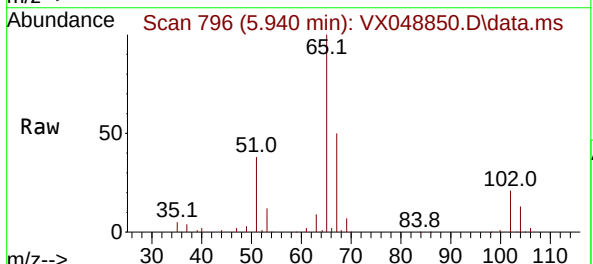
Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-120925

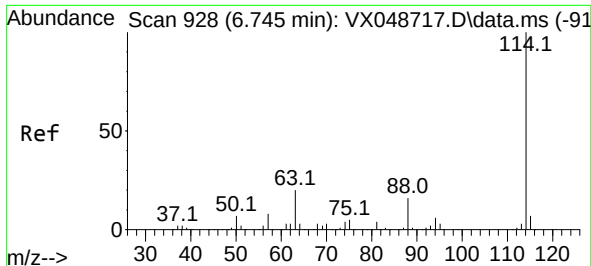
Tgt Ion:168 Resp: 139671
Ion Ratio Lower Upper
168 100
99 61.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 61.148 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048850.D
Acq: 12 Dec 2025 13:31

Tgt Ion: 65 Resp: 114631
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.4

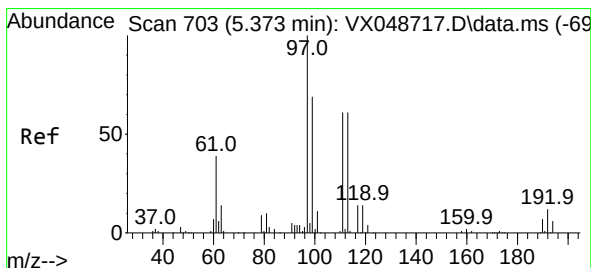
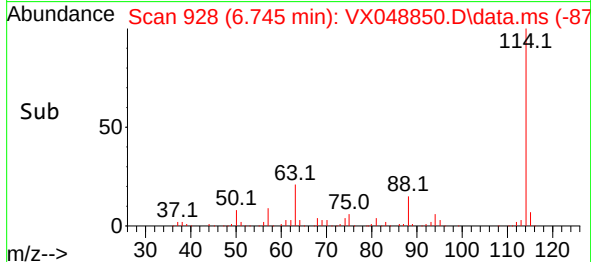
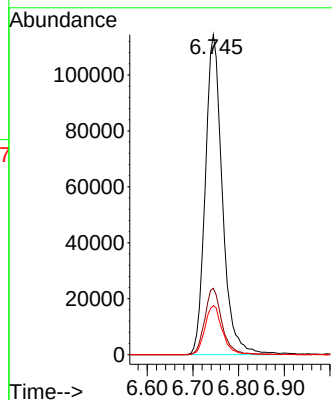
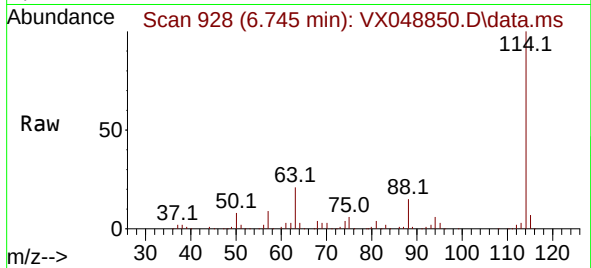




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048850.D
Acq: 12 Dec 2025 13:31

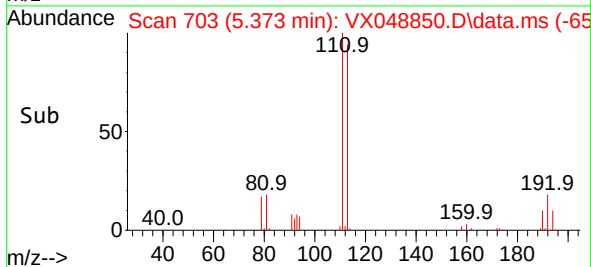
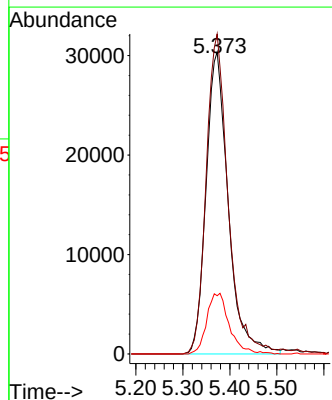
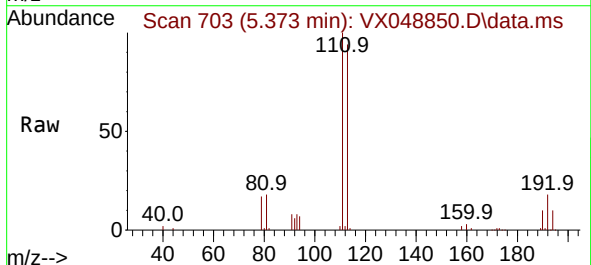
Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-120925

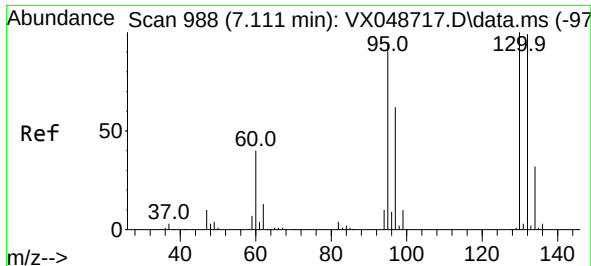
Tgt Ion:114 Resp: 296647
Ion Ratio Lower Upper
114 100
63 20.7 0.0 39.0
88 15.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.695 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048850.D
Acq: 12 Dec 2025 13:31

Tgt Ion:113 Resp: 99461
Ion Ratio Lower Upper
113 100
111 104.3 79.5 119.3
192 20.2 16.1 24.1

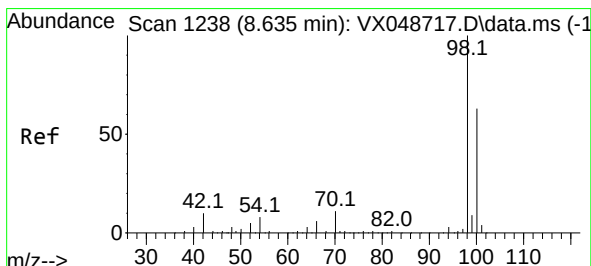
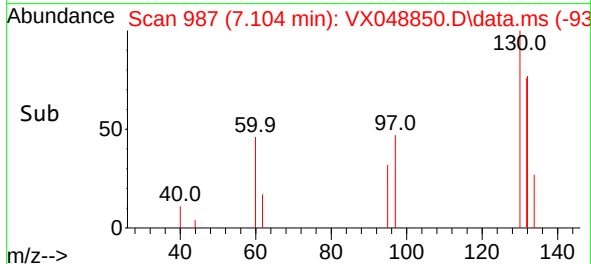
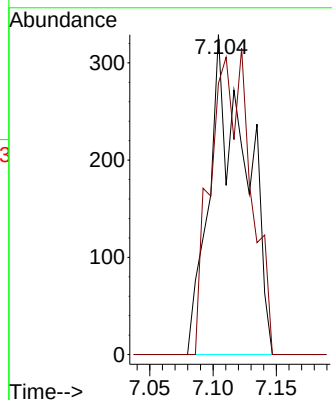
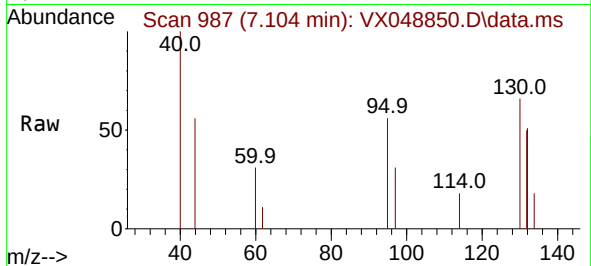




#44
 Trichloroethene
 Concen: 0.307 ug/l
 RT: 7.104 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VX048850.D
 Acq: 12 Dec 2025 13:31

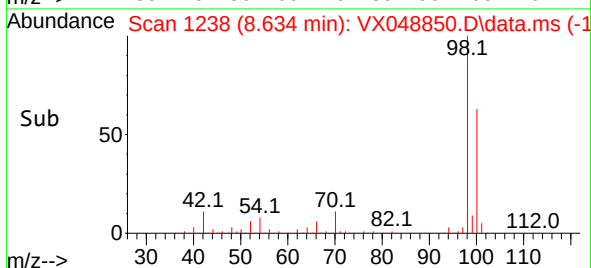
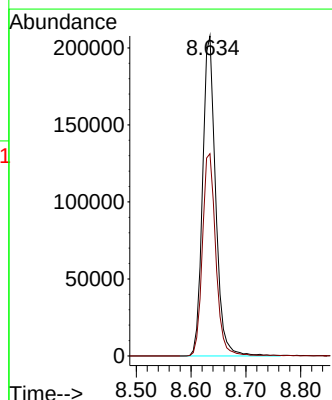
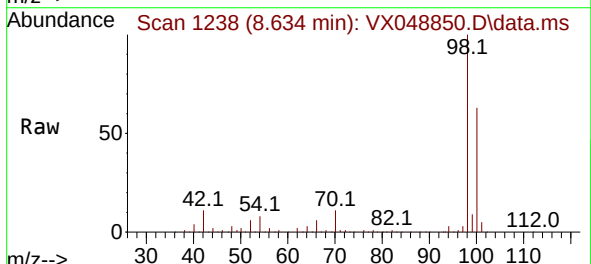
Instrument :
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 ClientSampleId :
 BR-02-133-120925

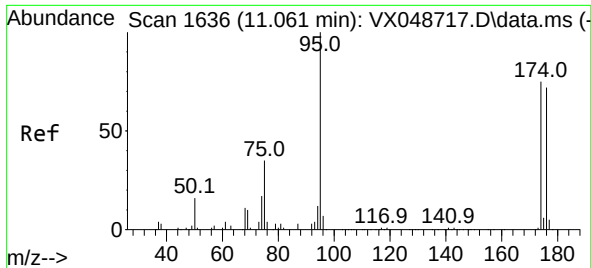
Tgt Ion:130 Resp: 664
 Ion Ratio Lower Upper
 130 100
 95 84.8 0.0 189.6



#50
 Toluene-d8
 Concen: 47.876 ug/l
 RT: 8.634 min Scan# 1238
 Delta R.T. -0.000 min
 Lab File: VX048850.D
 Acq: 12 Dec 2025 13:31

Tgt Ion: 98 Resp: 342777
 Ion Ratio Lower Upper
 98 100
 100 64.8 53.4 80.0

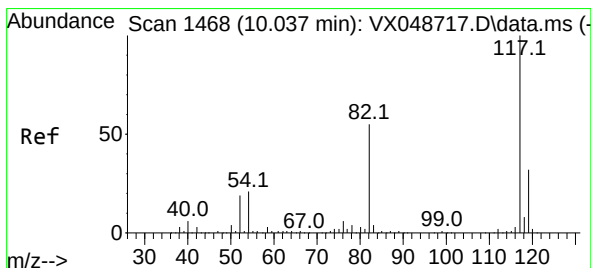
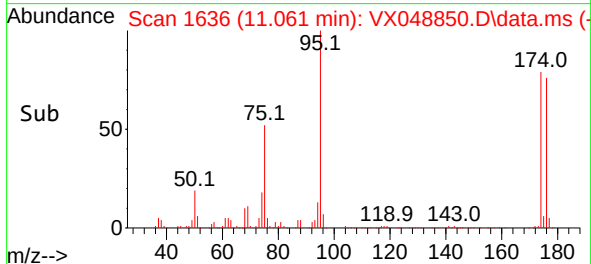
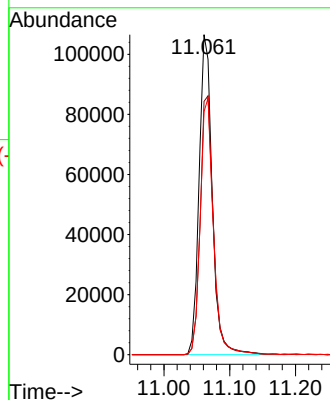
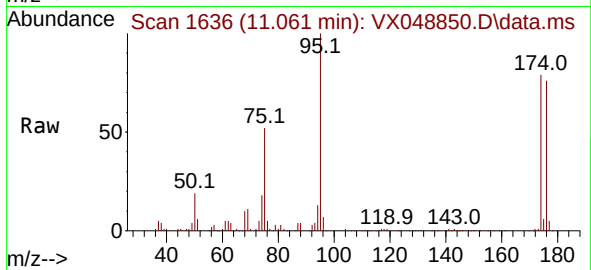




#62
4-Bromofluorobenzene
Concen: 59.911 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048850.D
Acq: 12 Dec 2025 13:31

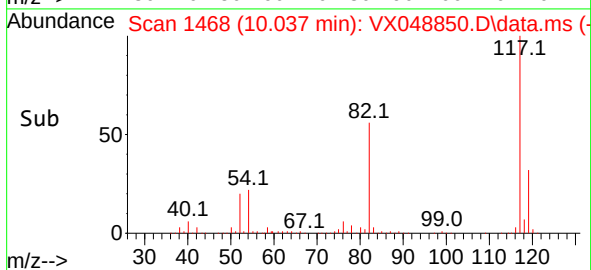
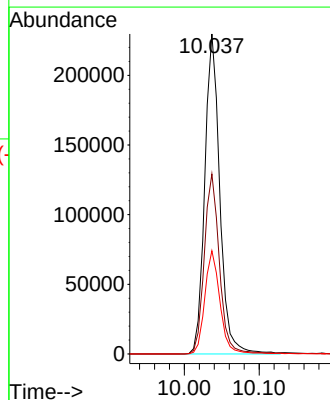
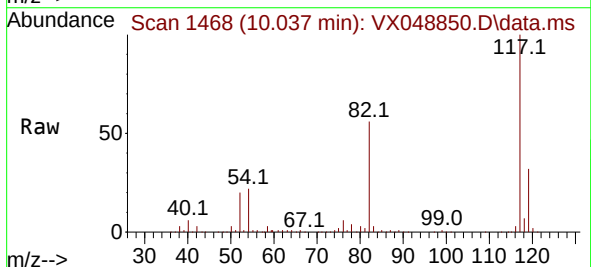
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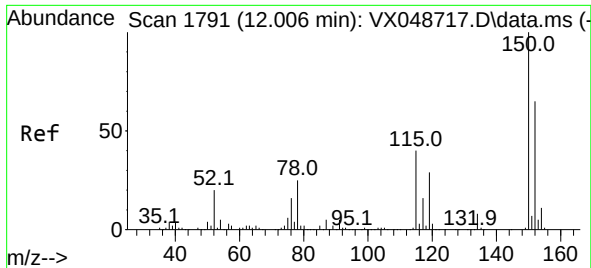
Tgt Ion: 95 Resp: 147914
Ion Ratio Lower Upper
95 100
174 81.5 0.0 157.8
176 80.2 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048850.D
Acq: 12 Dec 2025 13:31

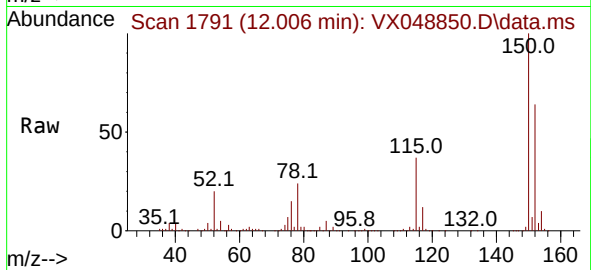
Tgt Ion: 117 Resp: 321216
Ion Ratio Lower Upper
117 100
82 56.3 44.1 66.1
119 32.2 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048850.D
 Acq: 12 Dec 2025 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-02-133-120925



Tgt Ion:152 Resp: 171700
 Ion Ratio Lower Upper
 152 100
 115 59.0 42.1 126.4
 150 154.5 0.0 347.8

