

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
 Data File : VX048259.D
 Acq On : 21 Oct 2025 11:35
 Operator : JC/MD
 Sample : Q3371-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-EB-20251016

Quant Time: Oct 24 04:26:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

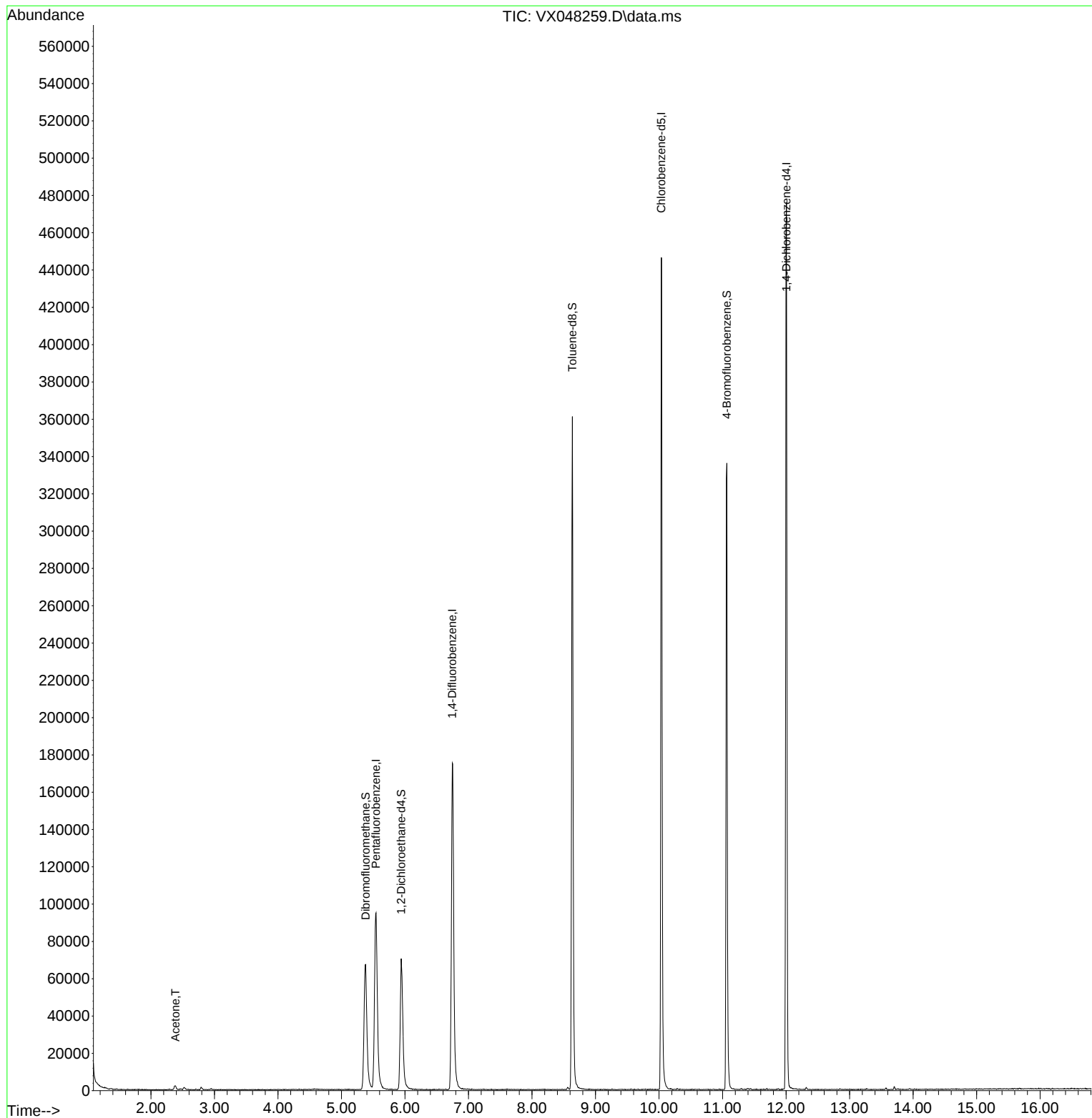
Internal Standards						
1) Pentafluorobenzene	5.543	168	100347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	196629	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	210531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	109203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	76981	54.715	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.440%	
35) Dibromofluoromethane	5.379	113	66409	49.471	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.940%	
50) Toluene-d8	8.634	98	222231	47.231	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.460%	
62) 4-Bromofluorobenzene	11.067	95	98871	55.236	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.480%	
Target Compounds						
16) Acetone	2.386	43	3267	6.769	ug/l	Qvalue 91

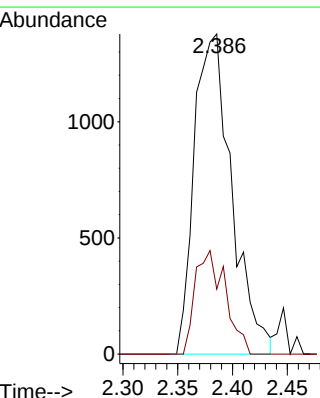
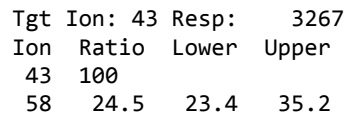
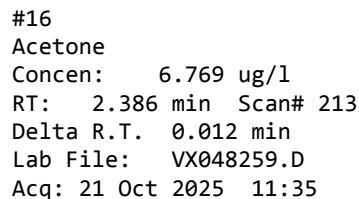
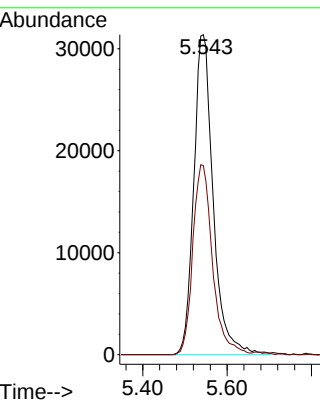
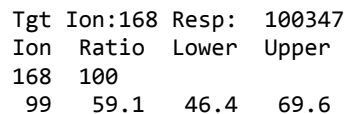
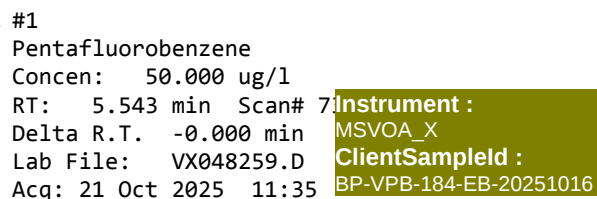
(#) = qualifier out of range (m) = manual integration (+) = signals summed

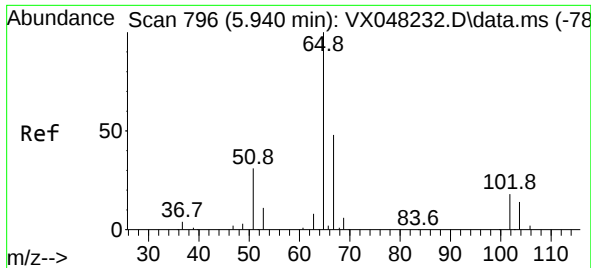
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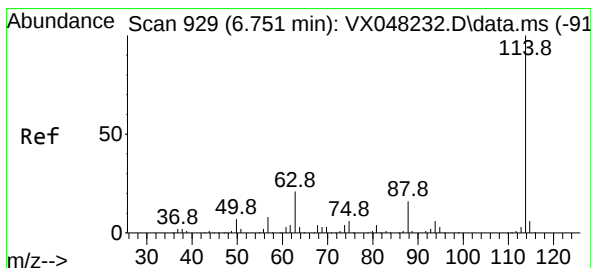
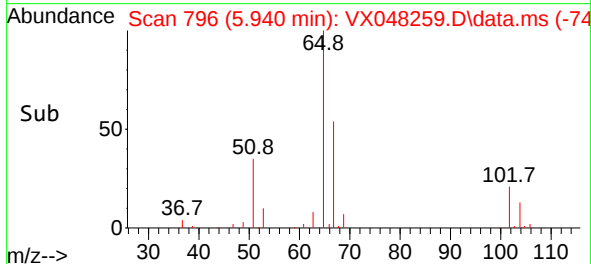
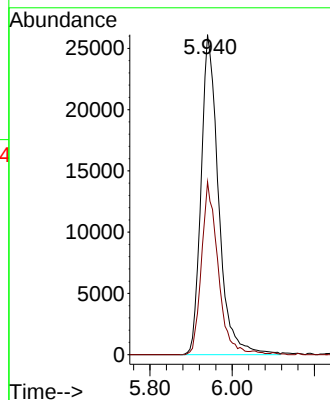
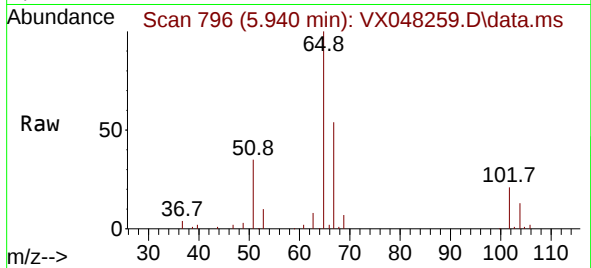




#33
 1,2-Dichloroethane-d4
 Concen: 54.715 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX048259.D
 Acq: 21 Oct 2025 11:35

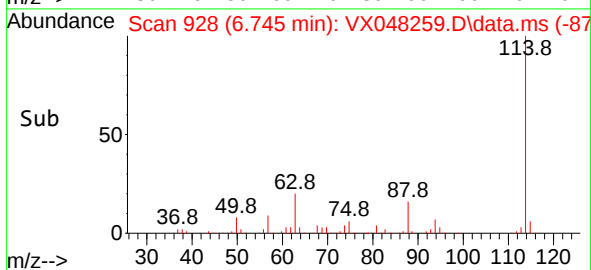
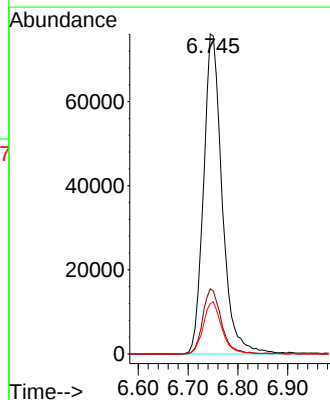
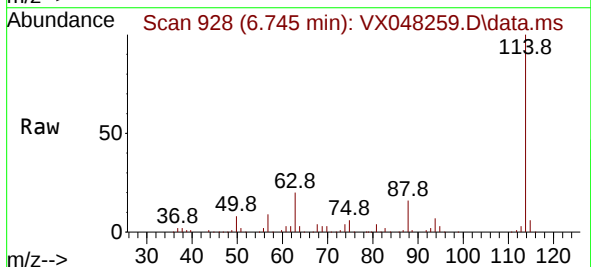
Instrument : MSVOA_X
 ClientSampleId : BP-VPB-184-EB-20251016

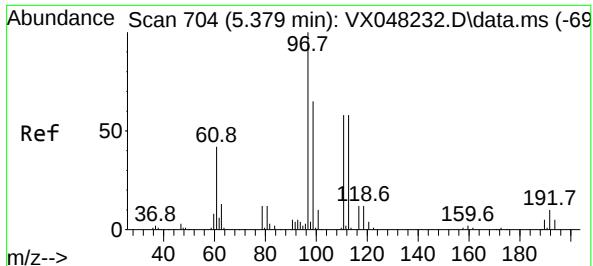
Tgt Ion: 65 Resp: 76981
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048259.D
 Acq: 21 Oct 2025 11:35

Tgt Ion: 114 Resp: 196629
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 43.2
 88 15.7 0.0 33.6

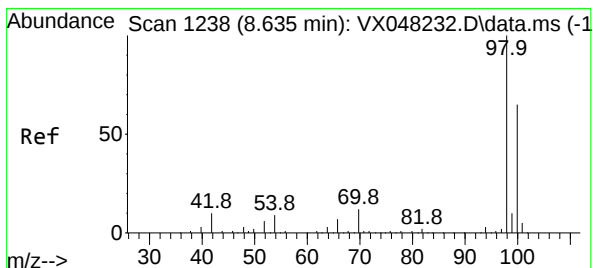
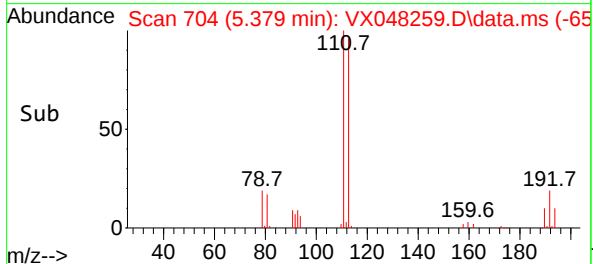
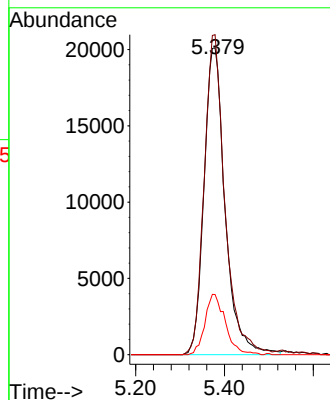
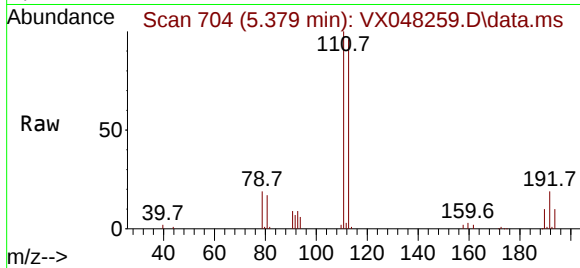




#35
Dibromofluoromethane
Concen: 49.471 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048259.D
Acq: 21 Oct 2025 11:35

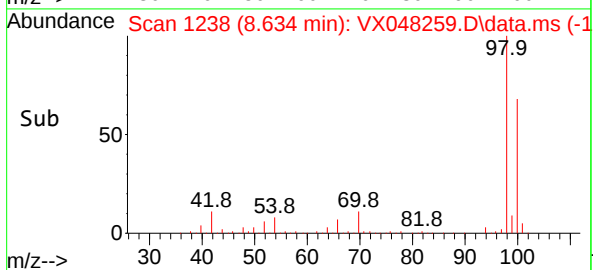
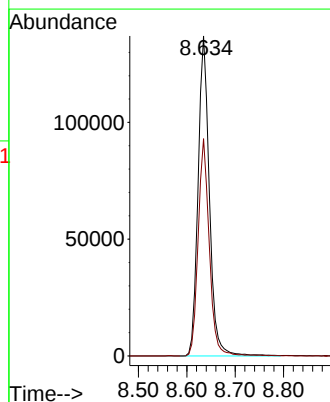
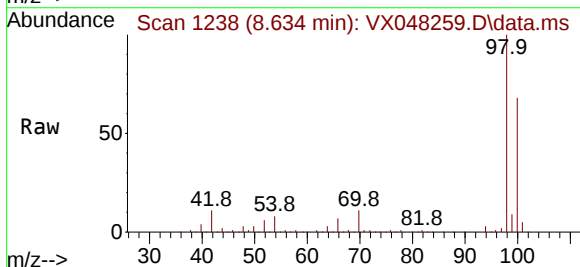
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-EB-20251016

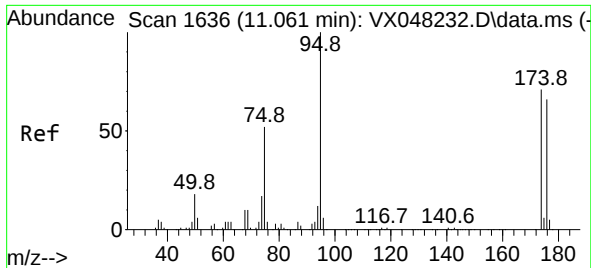
Tgt Ion:113 Resp: 66409
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 19.1 15.1 22.7



#50
Toluene-d8
Concen: 47.231 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048259.D
Acq: 21 Oct 2025 11:35

Tgt Ion: 98 Resp: 222231
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.4

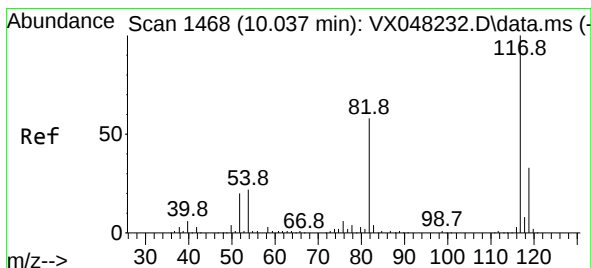
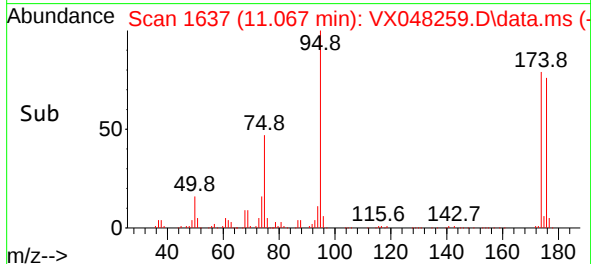
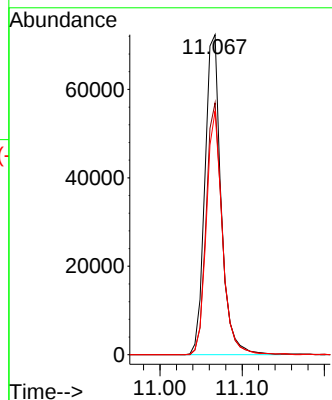
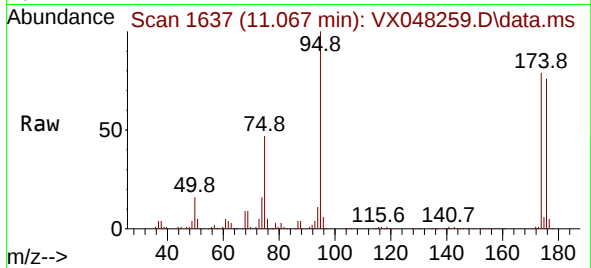




#62
4-Bromofluorobenzene
Concen: 55.236 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048259.D
Acq: 21 Oct 2025 11:35

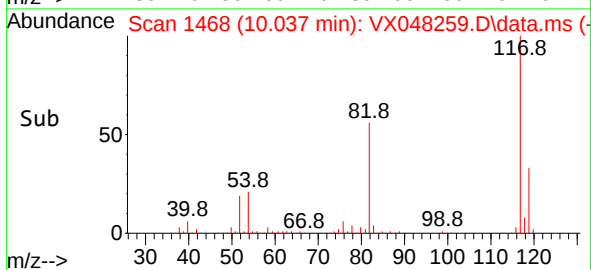
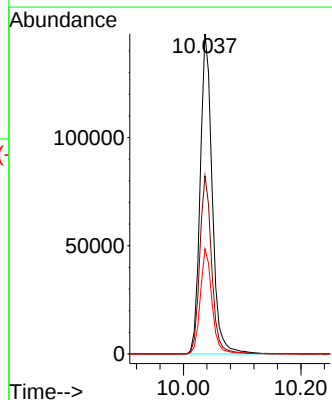
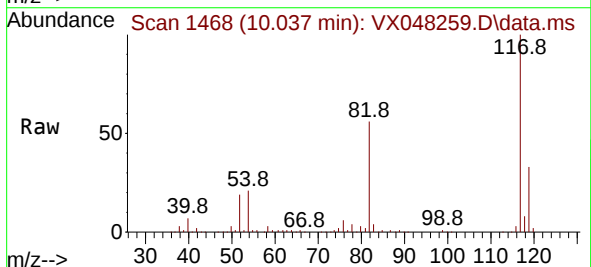
Instrument :
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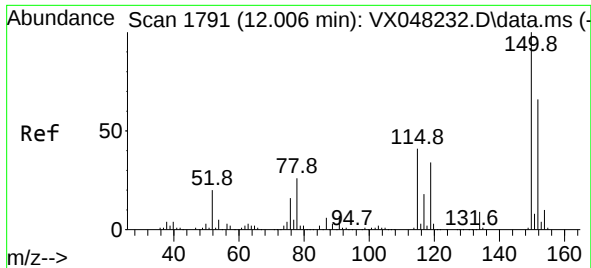
Tgt Ion: 95 Resp: 98871
Ion Ratio Lower Upper
95 100
174 78.2 0.0 147.8
176 75.5 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048259.D
Acq: 21 Oct 2025 11:35

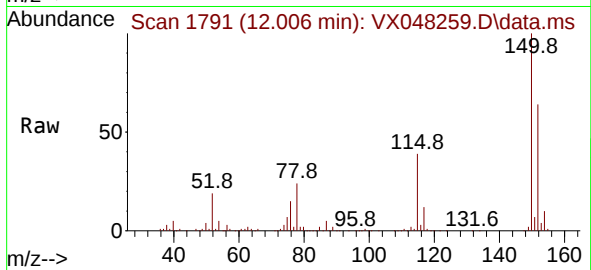
Tgt Ion: 117 Resp: 210531
Ion Ratio Lower Upper
117 100
82 55.7 46.5 69.7
119 32.8 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048259.D
 Acq: 21 Oct 2025 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-EB-20251016



Tgt Ion:152 Resp: 109203
 Ion Ratio Lower Upper
 152 100
 115 61.0 43.1 129.4
 150 157.1 0.0 353.0

