

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
 Data File : VX048257.D
 Acq On : 21 Oct 2025 10:54
 Operator : JC/MD
 Sample : Q3371-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VPB184-HYD-20251010

Quant Time: Oct 24 04:25:21 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	5.544	168	90641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	171684	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	176825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	86166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	61446	48.350	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.700%
35) Dibromofluoromethane	5.373	113	54394	46.408	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.820%
50) Toluene-d8	8.634	98	184640	44.944	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.880%#
62) 4-Bromofluorobenzene	11.061	95	79196	50.673	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.340%

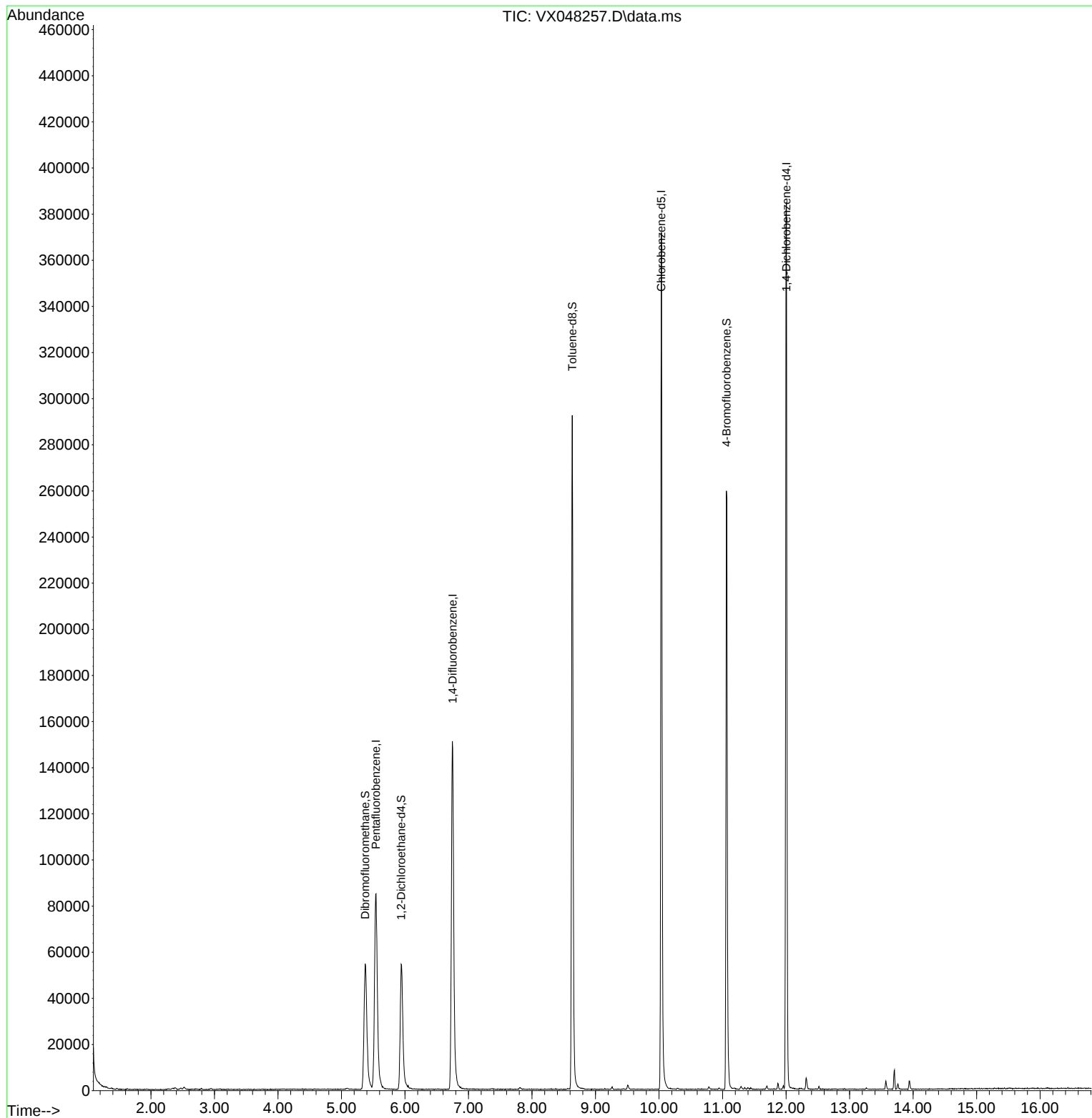
Target Compounds	Qvalue

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

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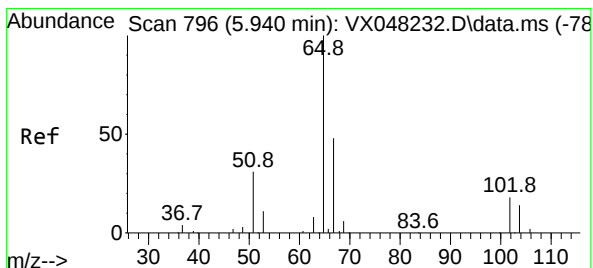
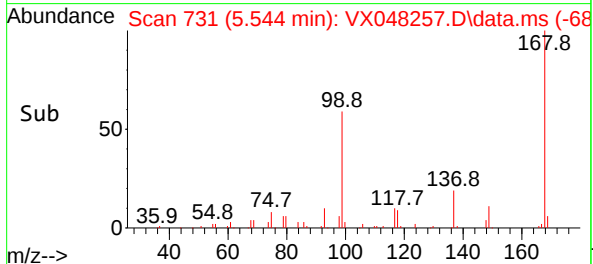
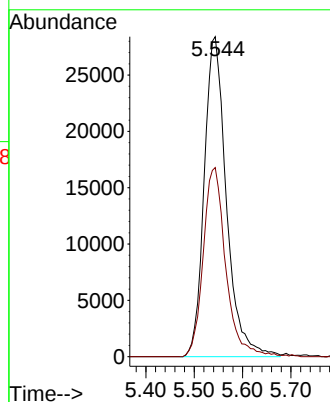
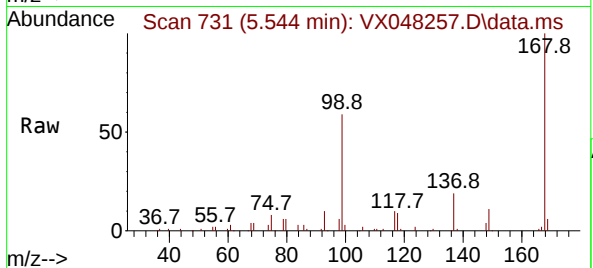




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX048257.D
Acq: 21 Oct 2025 10:54

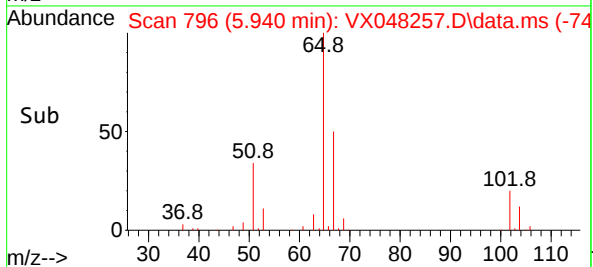
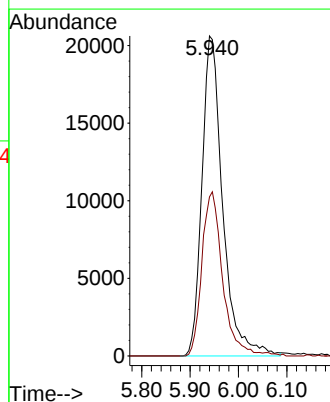
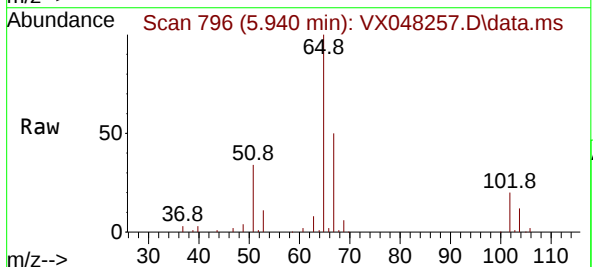
Instrument :
MSVOA_X
ClientSampleId :
VPB184-HYD-20251010

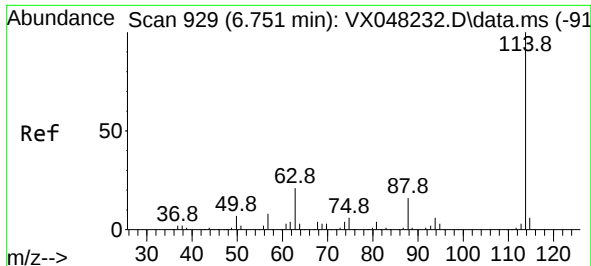
Tgt Ion:168 Resp: 90641
Ion Ratio Lower Upper
168 100
99 59.1 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 48.350 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048257.D
Acq: 21 Oct 2025 10:54

Tgt Ion: 65 Resp: 61446
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.0

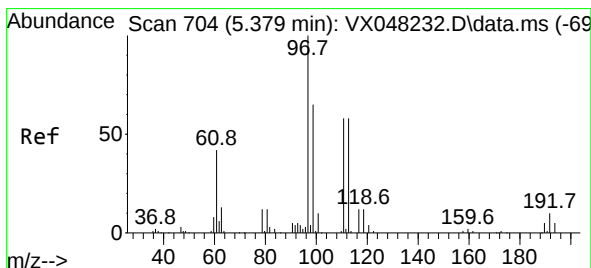
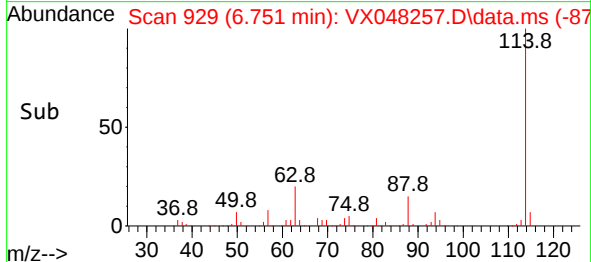
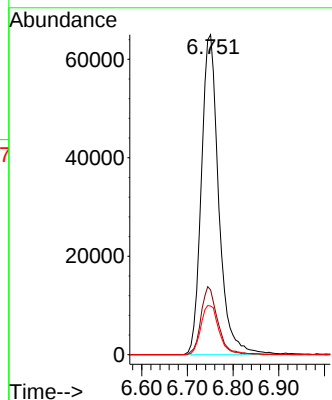
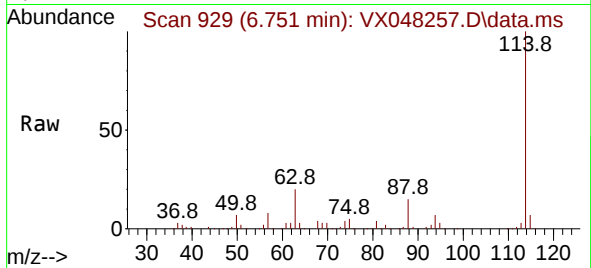




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048257.D
Acq: 21 Oct 2025 10:54

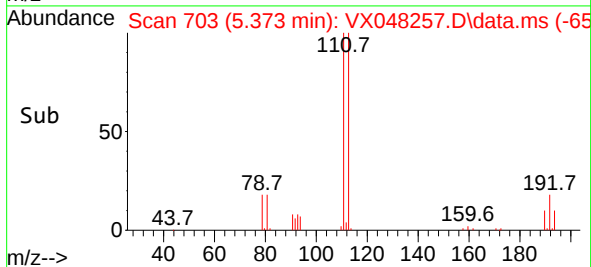
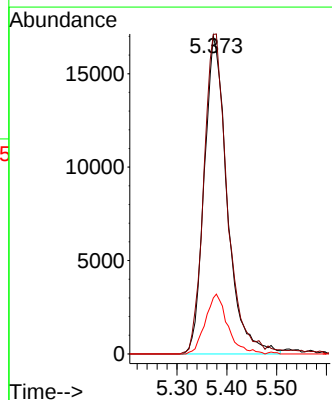
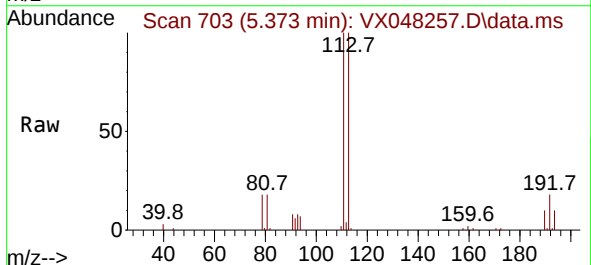
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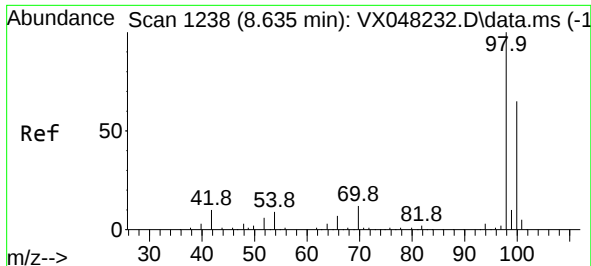
Tgt Ion:114 Resp: 171684
Ion Ratio Lower Upper
114 100
63 20.3 0.0 43.2
88 15.2 0.0 33.6



#35
Dibromofluoromethane
Concen: 46.408 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048257.D
Acq: 21 Oct 2025 10:54

Tgt Ion:113 Resp: 54394
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 18.3 15.1 22.7

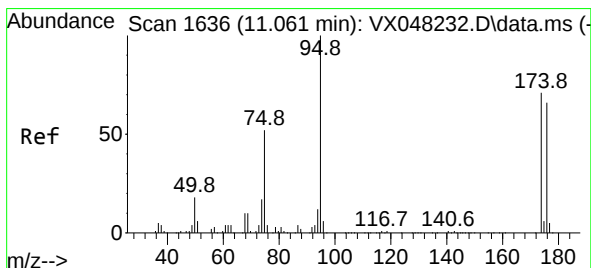
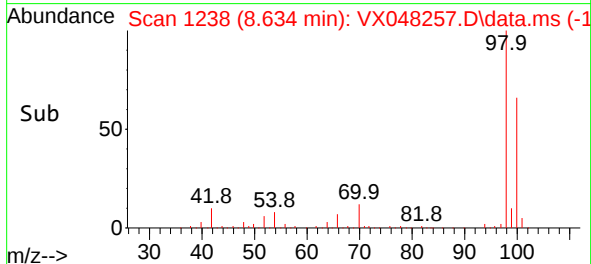
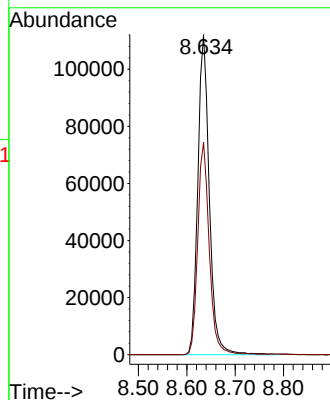
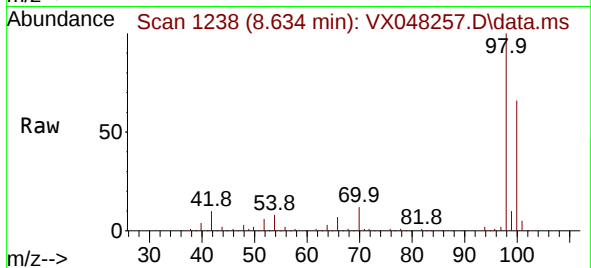




#50
Toluene-d8
Concen: 44.944 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048257.D
Acq: 21 Oct 2025 10:54

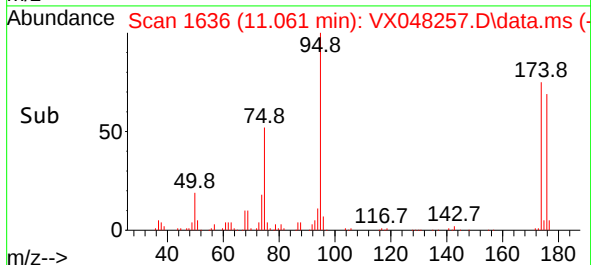
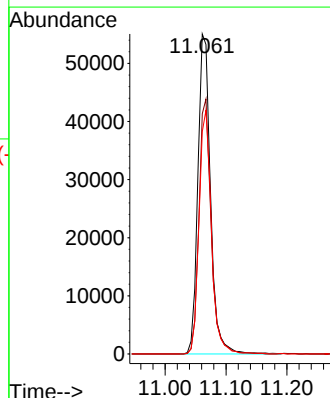
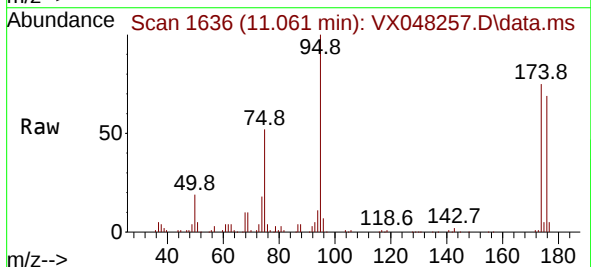
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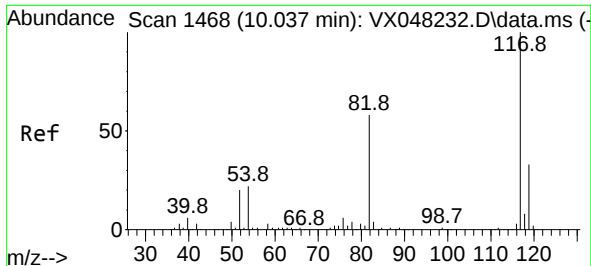
Tgt Ion: 98 Resp: 184640
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.673 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048257.D
Acq: 21 Oct 2025 10:54

Tgt Ion: 95 Resp: 79196
Ion Ratio Lower Upper
95 100
174 77.2 0.0 147.8
176 75.0 0.0 142.8

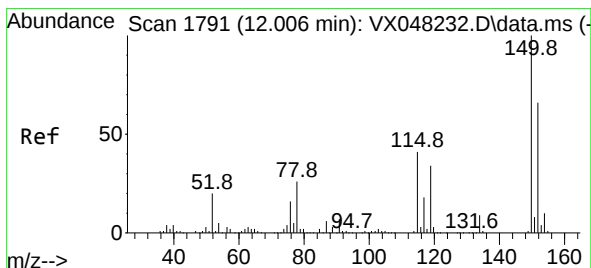
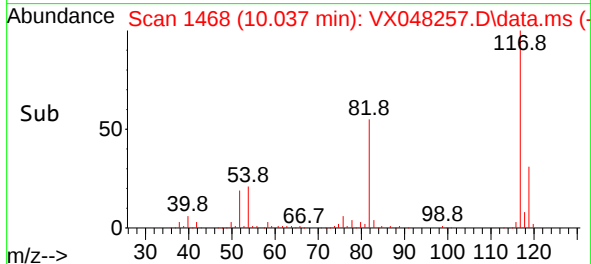
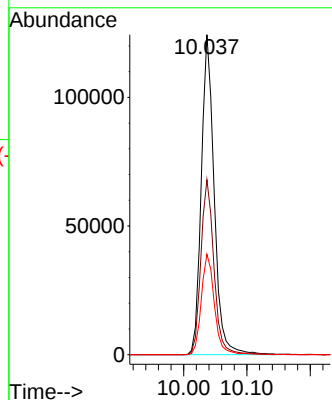
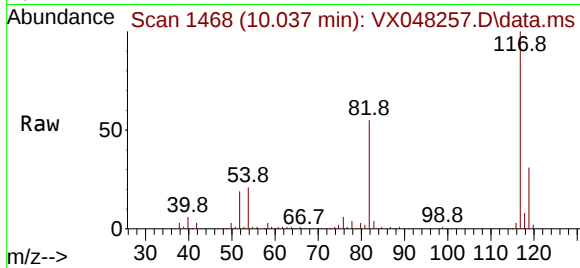




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048257.D
Acq: 21 Oct 2025 10:54

Instrument :
MSVOA_X
ClientSampleId :
VPB184-HYD-20251010

Tgt Ion:117 Resp: 176825
Ion Ratio Lower Upper
117 100
82 54.7 46.5 69.7
119 31.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048257.D
Acq: 21 Oct 2025 10:54

Tgt Ion:152 Resp: 86166
Ion Ratio Lower Upper
152 100
115 61.8 43.1 129.4
150 157.7 0.0 353.0

