

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
 Data File : VX048273.D
 Acq On : 21 Oct 2025 16:25
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 24 04:28:30 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	5.538	168	81328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	156171	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	162300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	84537	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	60434	52.999	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.000%
35) Dibromofluoromethane	5.379	113	52512	49.253	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.500%
50) Toluene-d8	8.635	98	176066	47.114	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.220%
62) 4-Bromofluorobenzene	11.061	95	75450	53.071	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.140%

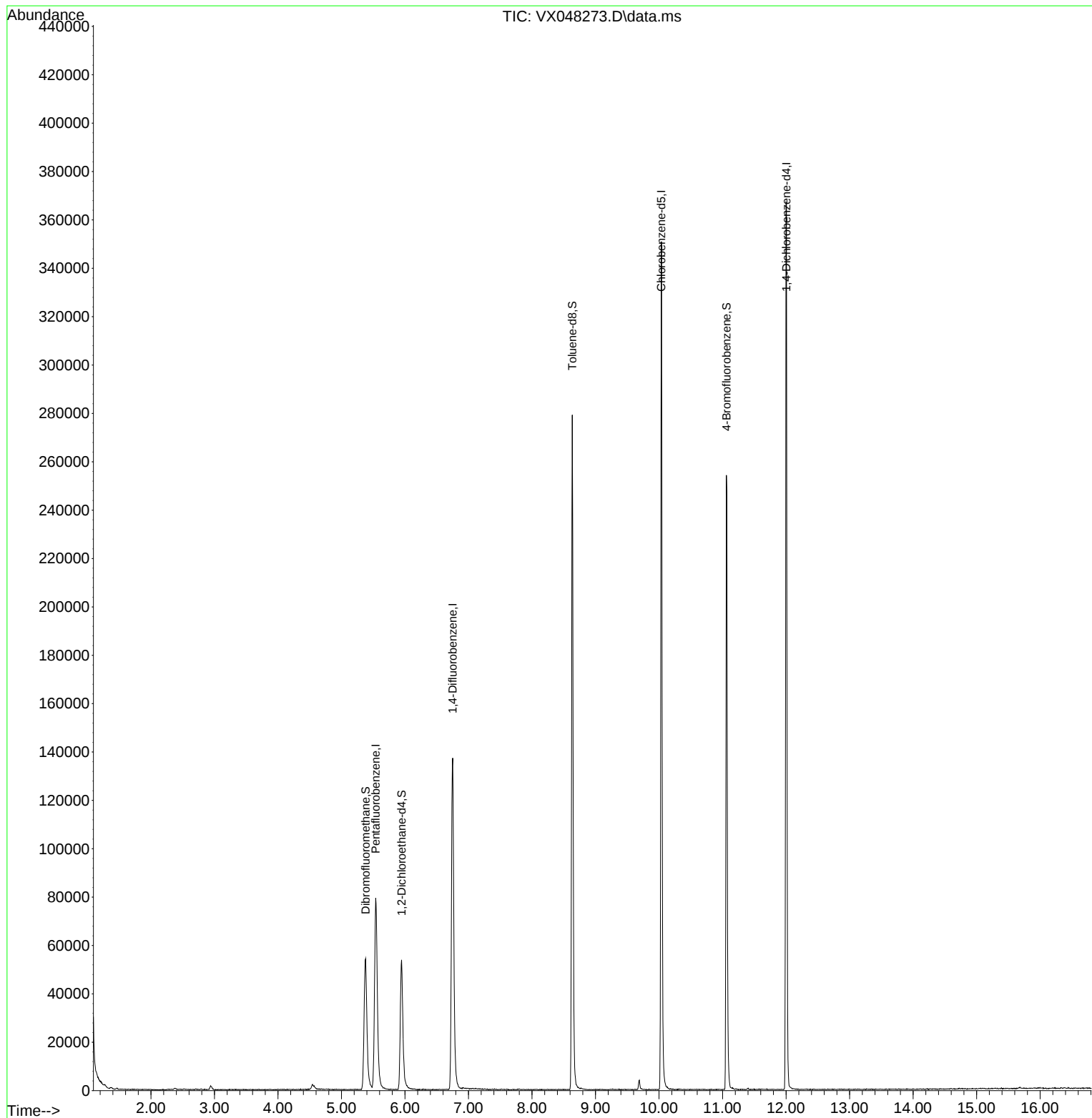
Target Compounds	Qvalue

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

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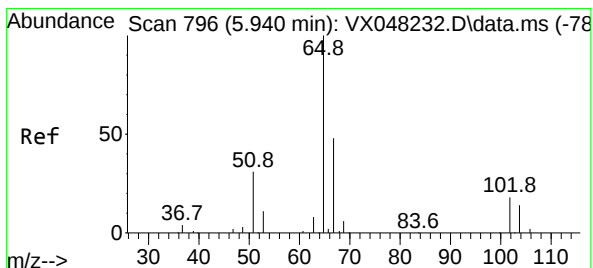
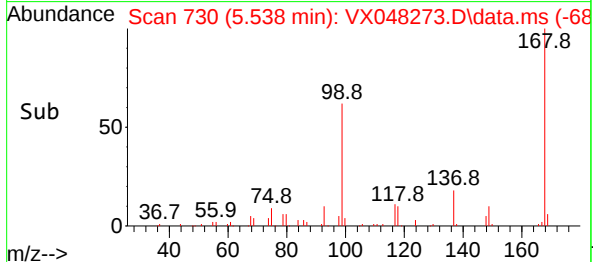
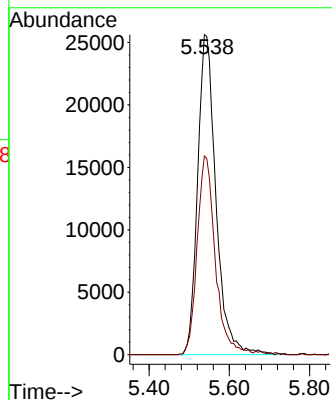
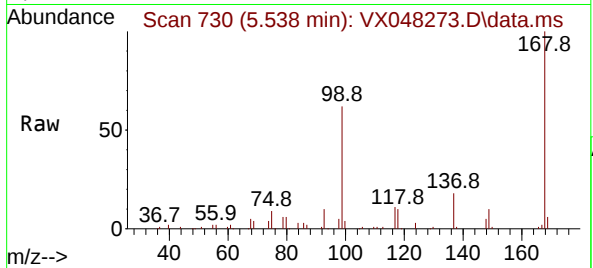




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048273.D
Acq: 21 Oct 2025 16:25

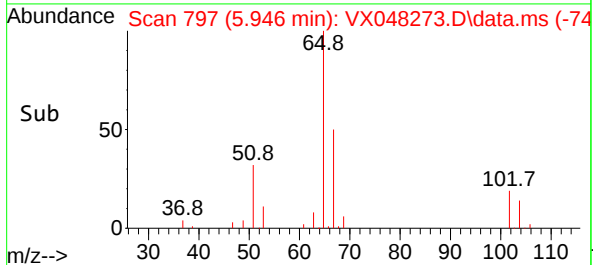
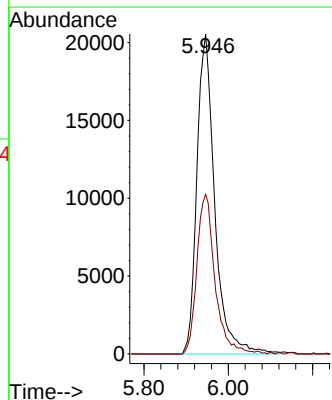
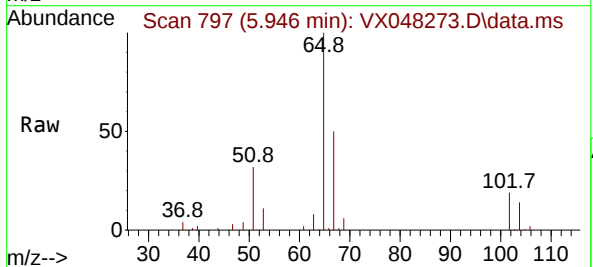
Instrument :
MSVOA_X
ClientSampleId :
IBLK

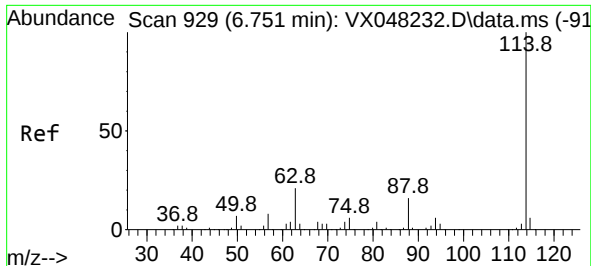
Tgt Ion:168 Resp: 81328
Ion Ratio Lower Upper
168 100
99 61.9 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 52.999 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048273.D
Acq: 21 Oct 2025 16:25

Tgt Ion: 65 Resp: 60434
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.0

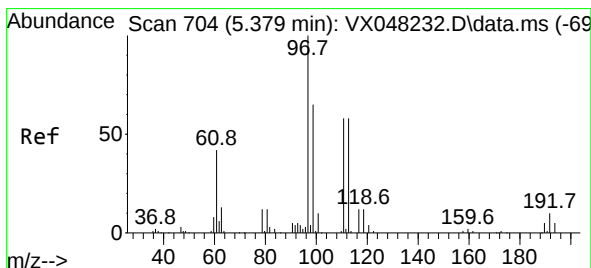
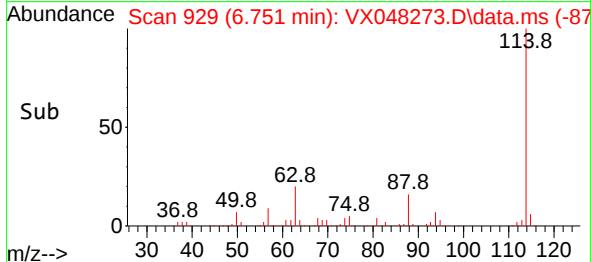
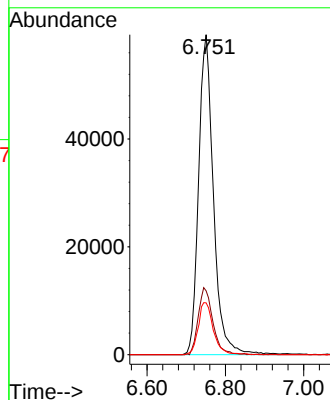
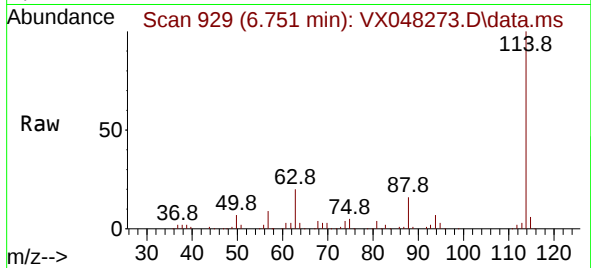




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048273.D
Acq: 21 Oct 2025 16:25

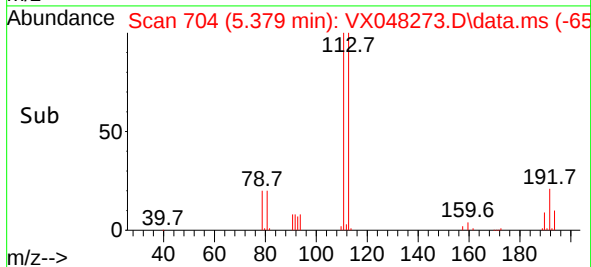
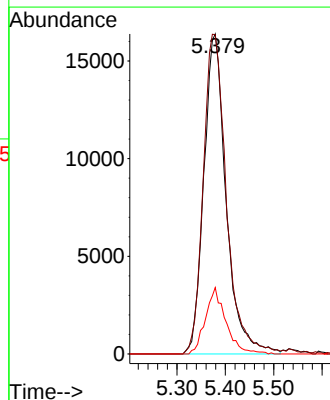
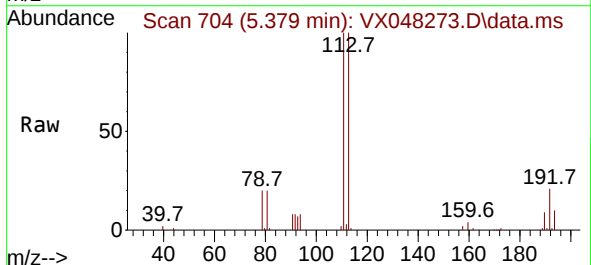
Instrument :
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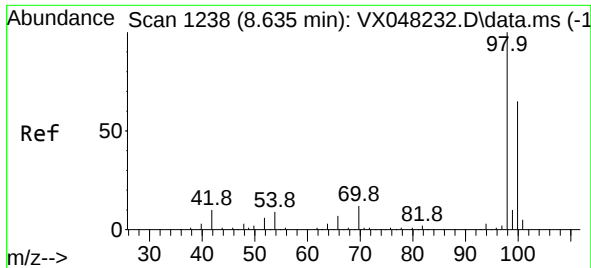
Tgt Ion:114 Resp: 156171
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.2
88 16.2 0.0 33.6



#35
Dibromofluoromethane
Concen: 49.253 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048273.D
Acq: 21 Oct 2025 16:25

Tgt Ion:113 Resp: 52512
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 19.1 15.1 22.7

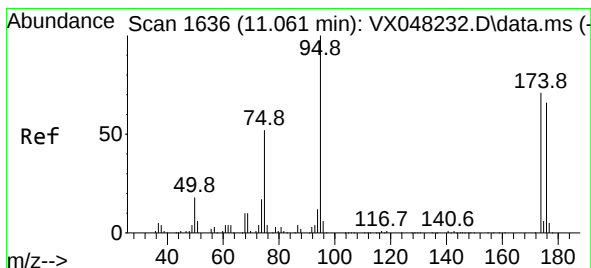
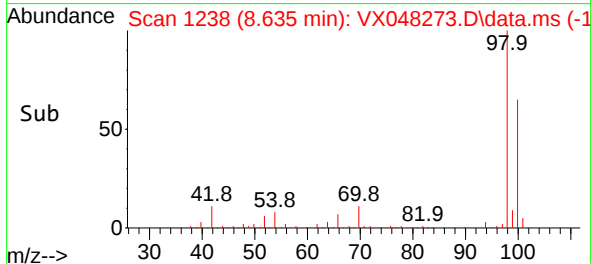
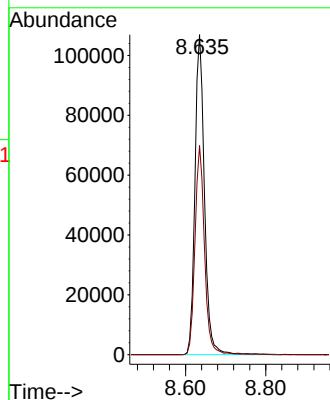
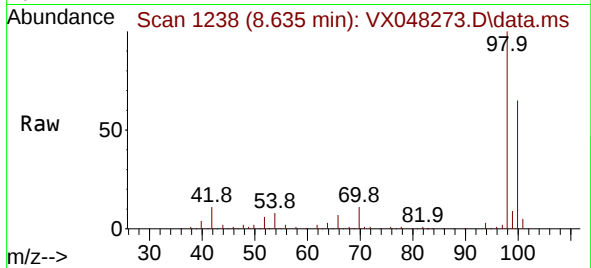




#50
Toluene-d8
Concen: 47.114 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048273.D
Acq: 21 Oct 2025 16:25

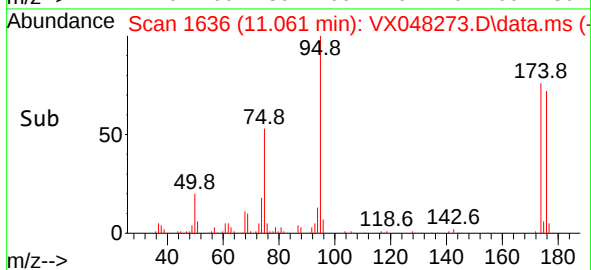
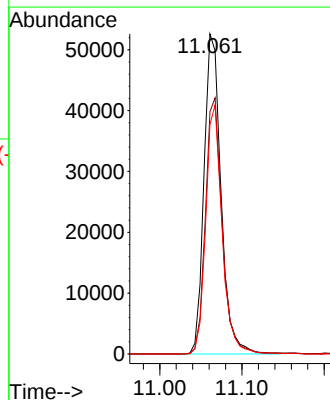
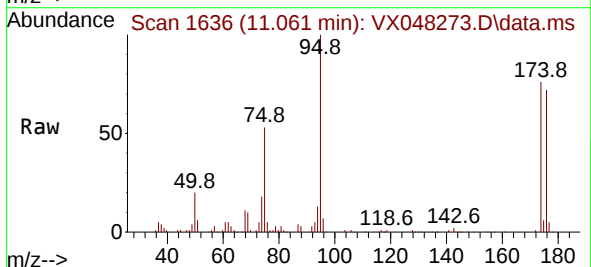
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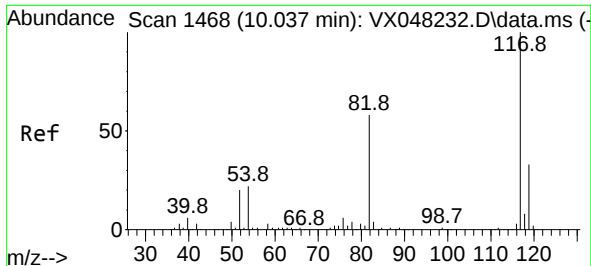
Tgt Ion: 98 Resp: 176066
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.071 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048273.D
Acq: 21 Oct 2025 16:25

Tgt Ion: 95 Resp: 75450
Ion Ratio Lower Upper
95 100
174 78.9 0.0 147.8
176 75.0 0.0 142.8

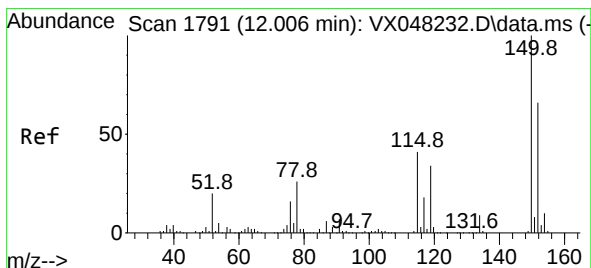
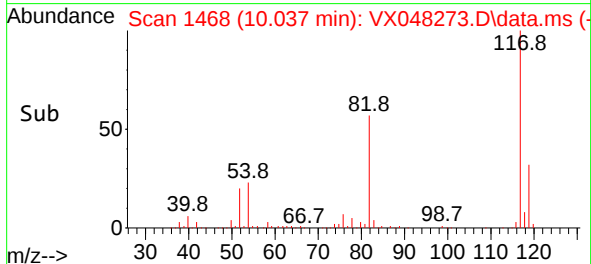
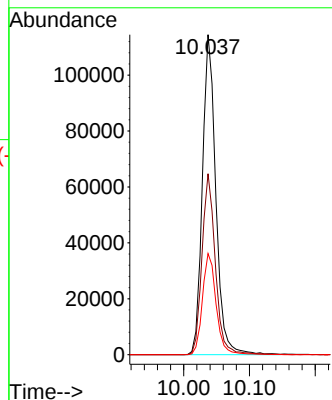
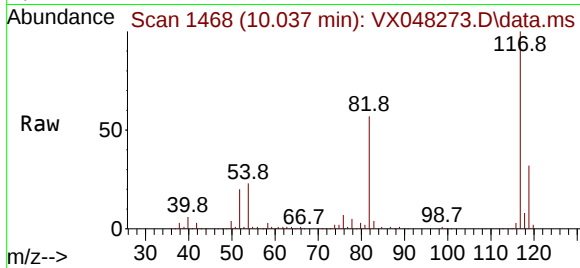




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048273.D
Acq: 21 Oct 2025 16:25

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 162300
Ion Ratio Lower Upper
117 100
82 56.6 46.5 69.7
119 31.6 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: VX048273.D
Acq: 21 Oct 2025 16:25

Tgt Ion:152 Resp: 84537
Ion Ratio Lower Upper
152 100
115 60.2 43.1 129.4
150 156.5 0.0 353.0

