

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
 Data File : VX048261.D
 Acq On : 21 Oct 2025 12:17
 Operator : JC/MD
 Sample : Q3413-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-TB-20251017

Quant Time: Oct 21 12:34:41 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	110202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	219240	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	229169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	116744	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	82133	53.157	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.320%
35) Dibromofluoromethane	5.373	113	70858	47.342	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.680%
50) Toluene-d8	8.635	98	239412	45.635	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.280%#
62) 4-Bromofluorobenzene	11.061	95	106615	53.419	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.840%

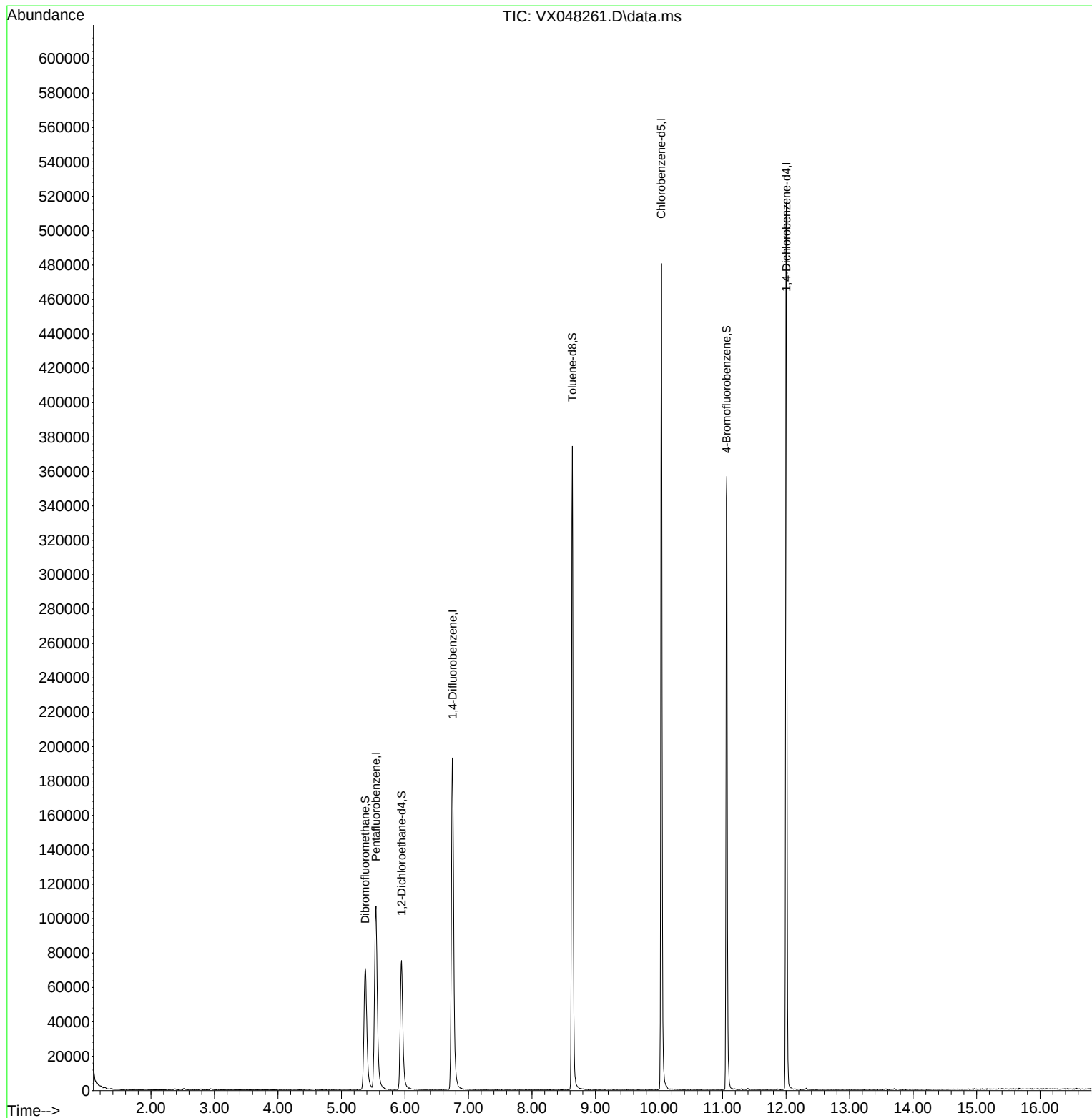
Target Compounds	Qvalue

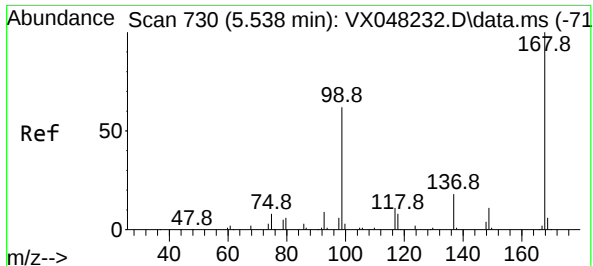
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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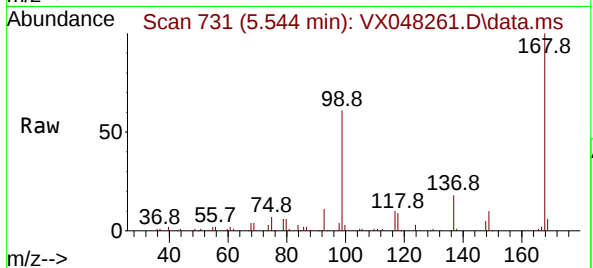
Quant Time: Oct 21 12:34:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
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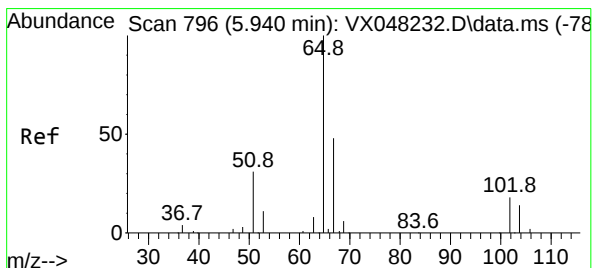
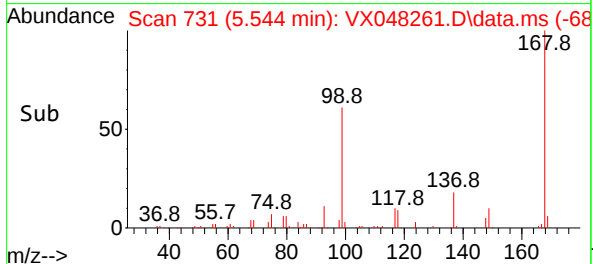
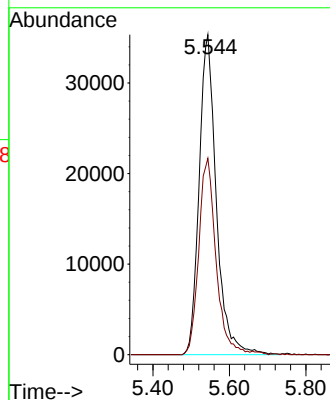


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048261.D
Acq: 21 Oct 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251017

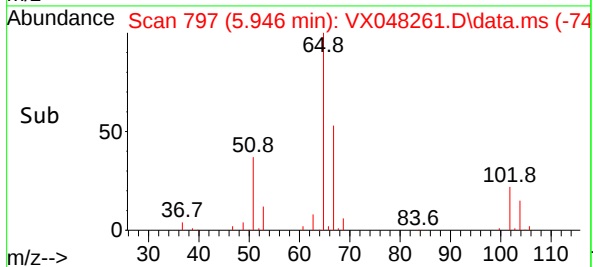
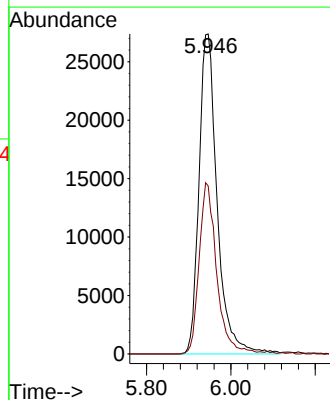
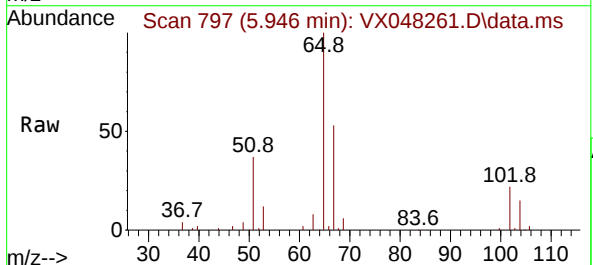


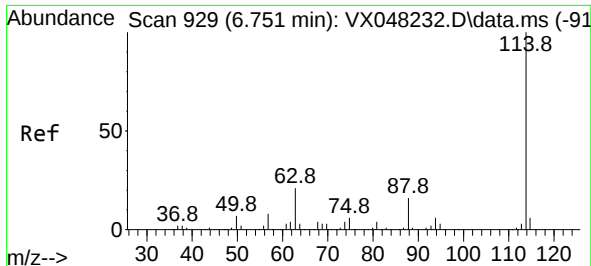
Tgt Ion:168 Resp: 110202
Ion Ratio Lower Upper
168 100
99 61.4 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 53.157 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048261.D
Acq: 21 Oct 2025 12:17

Tgt Ion: 65 Resp: 82133
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.0

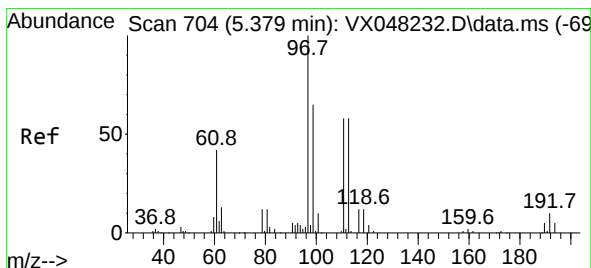
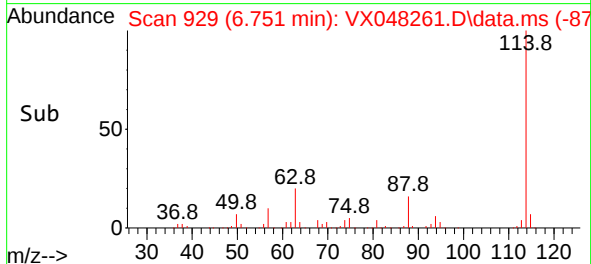
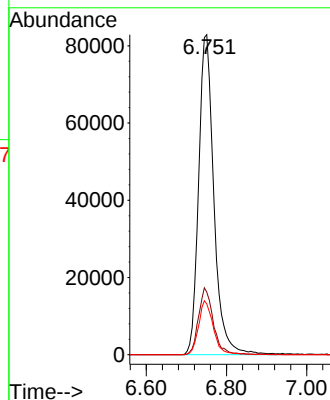
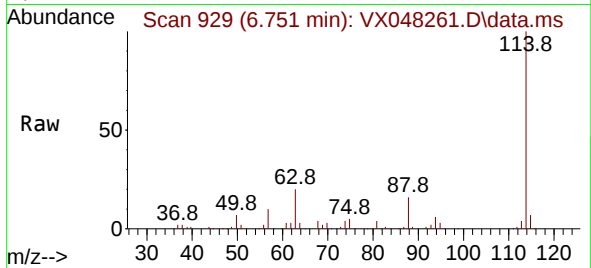




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048261.D
Acq: 21 Oct 2025 12:17

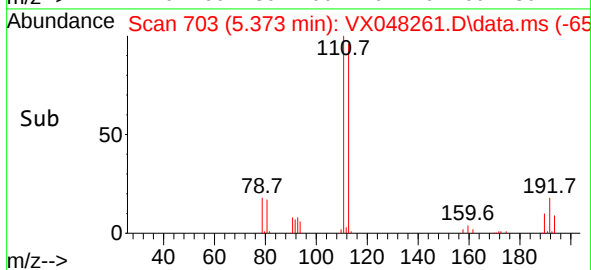
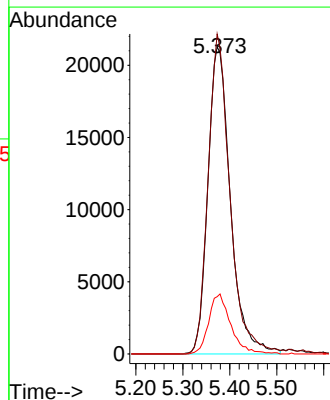
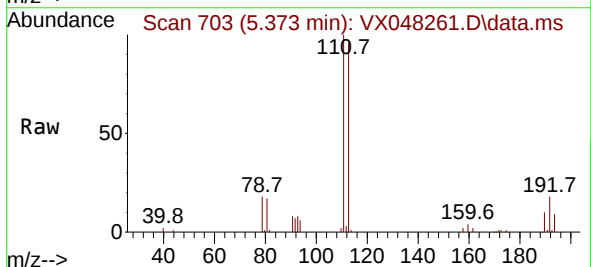
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251017

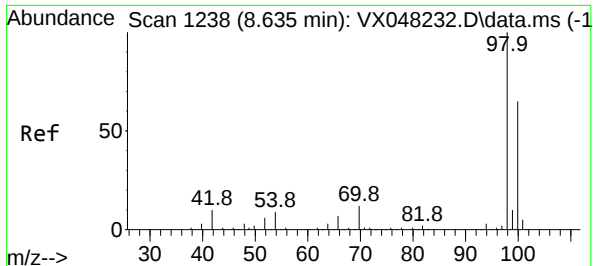
Tgt Ion:114 Resp: 219240
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.2
88 15.8 0.0 33.6



#35
Dibromofluoromethane
Concen: 47.342 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048261.D
Acq: 21 Oct 2025 12:17

Tgt Ion:113 Resp: 70858
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.4
192 19.1 15.1 22.7

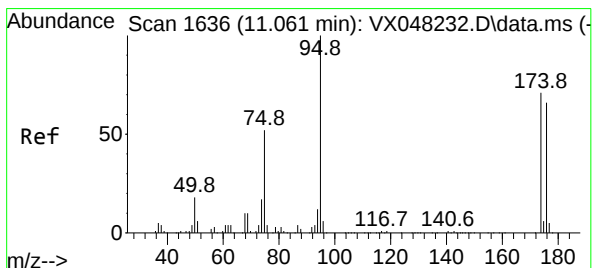
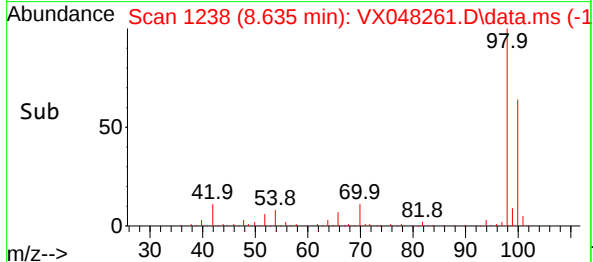
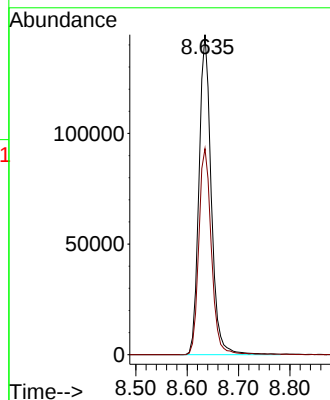
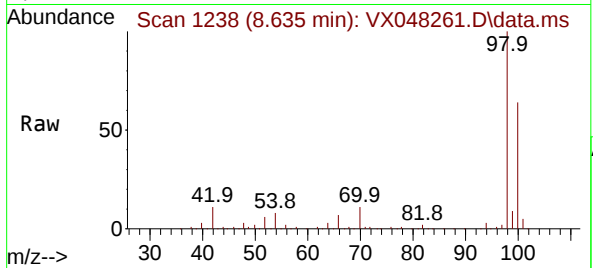




#50
Toluene-d8
Concen: 45.635 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048261.D
Acq: 21 Oct 2025 12:17

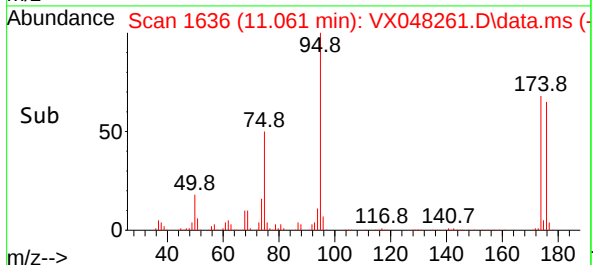
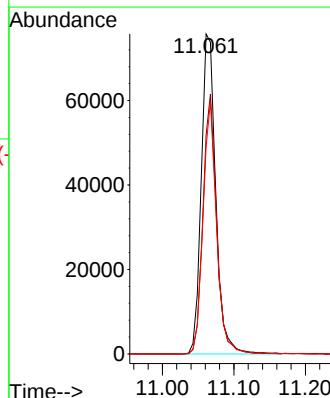
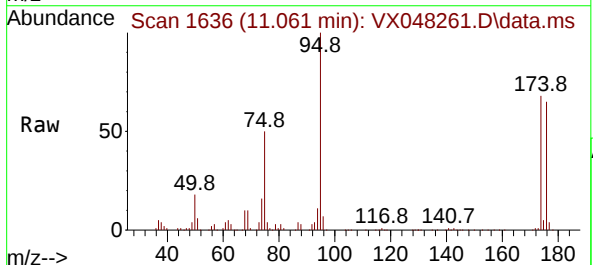
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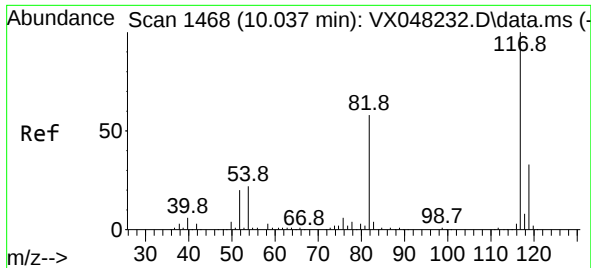
Tgt Ion: 98 Resp: 239412
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.419 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048261.D
Acq: 21 Oct 2025 12:17

Tgt Ion: 95 Resp: 106615
Ion Ratio Lower Upper
95 100
174 76.6 0.0 147.8
176 73.9 0.0 142.8

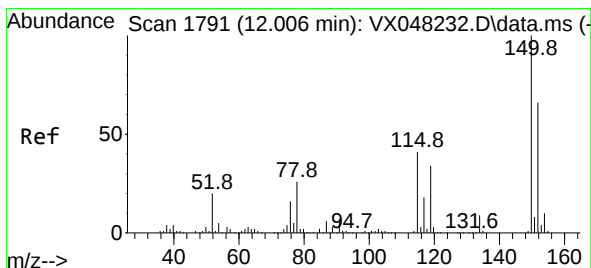
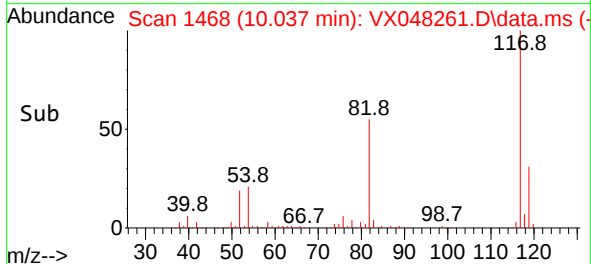
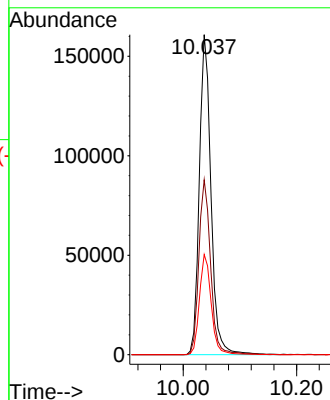
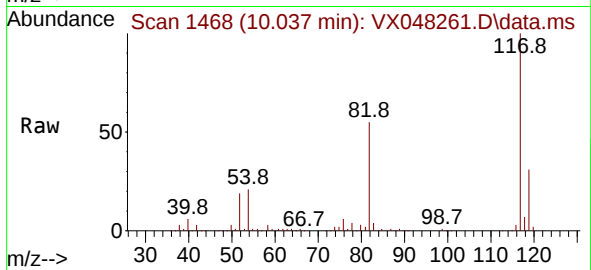




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048261.D
Acq: 21 Oct 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251017

Tgt Ion:117 Resp: 229169
Ion Ratio Lower Upper
117 100
82 54.6 46.5 69.7
119 31.3 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: VX048261.D
Acq: 21 Oct 2025 12:17

Tgt Ion:152 Resp: 116744
Ion Ratio Lower Upper
152 100
115 61.8 43.1 129.4
150 160.6 0.0 353.0

