

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047736.D
 Acq On : 23 Sep 2025 16:13
 Operator : JC/MD
 Sample : Q3097-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB04-20250911

Quant Time: Sep 24 01:35:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	129298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	272633	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	271011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	135735	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	104965	51.001	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.000%
35) Dibromofluoromethane	5.373	113	87103	47.638	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.280%
50) Toluene-d8	8.635	98	304833	48.182	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.360%
62) 4-Bromofluorobenzene	11.067	95	127320	53.026	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.060%

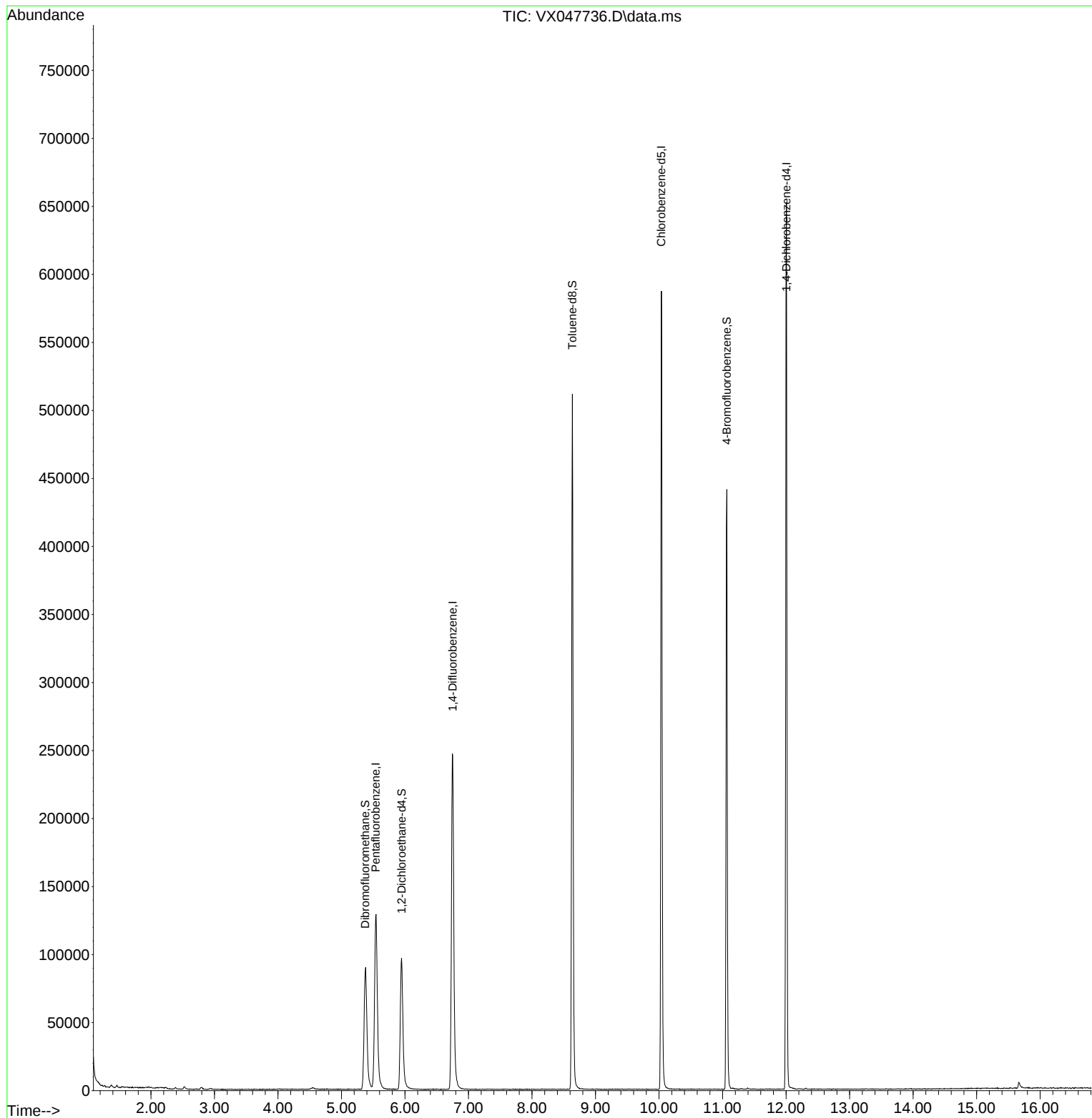
Target Compounds	Qvalue

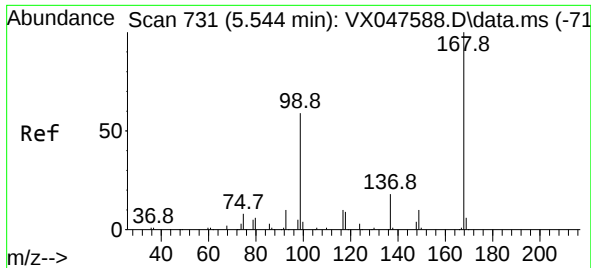
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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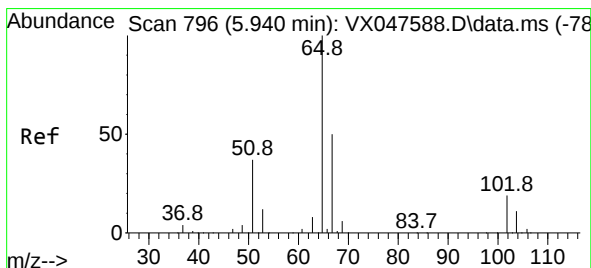
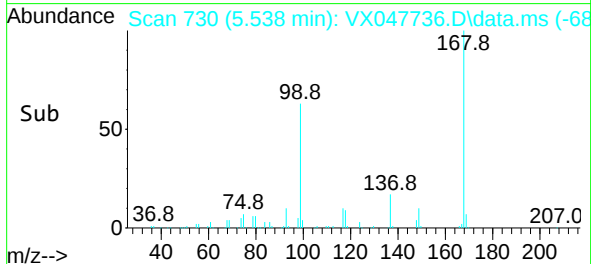
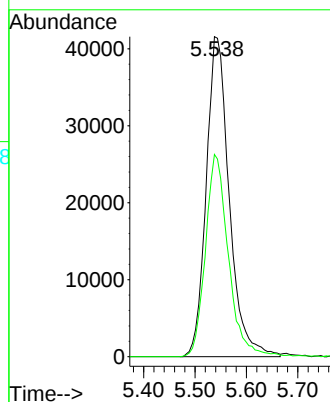
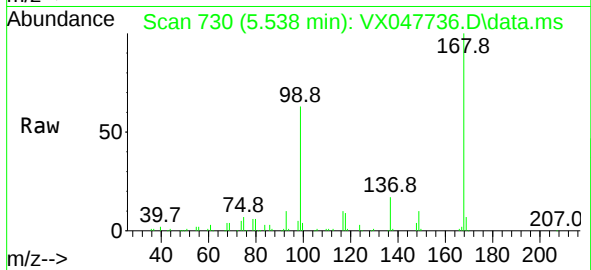




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047736.D
Acq: 23 Sep 2025 16:13

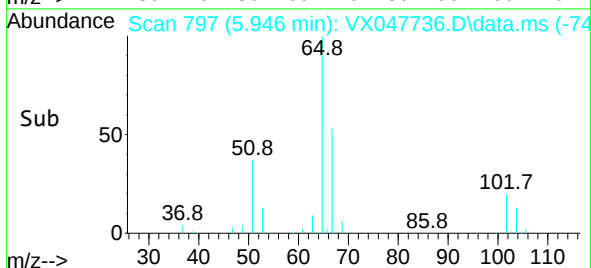
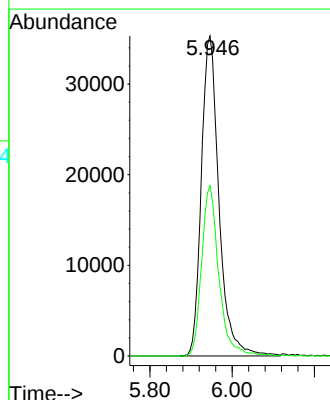
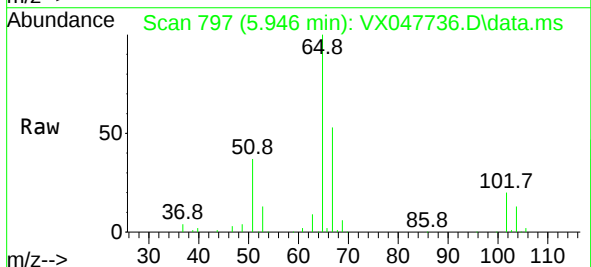
Instrument :
MSVOA_X
ClientSampleId :
TB04-20250911

Tgt Ion:168 Resp: 129298
Ion Ratio Lower Upper
168 100
99 63.2 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 51.001 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047736.D
Acq: 23 Sep 2025 16:13

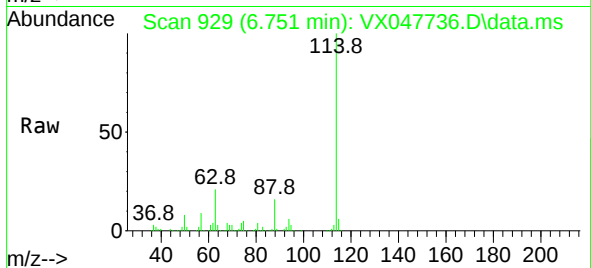
Tgt Ion: 65 Resp: 104965
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.0



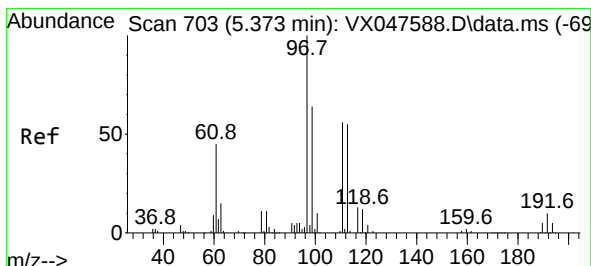
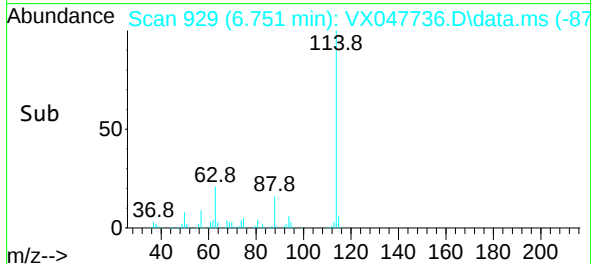
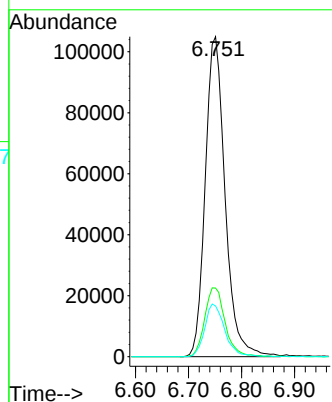


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047736.D
Acq: 23 Sep 2025 16:13

Instrument :
MSVOA_X
ClientSampleId :
TB04-20250911

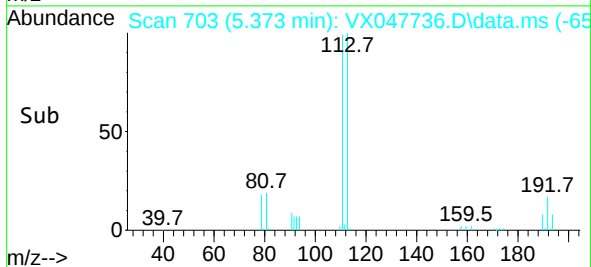
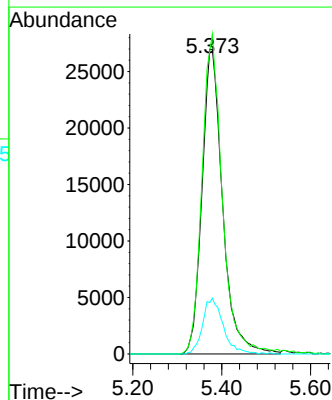
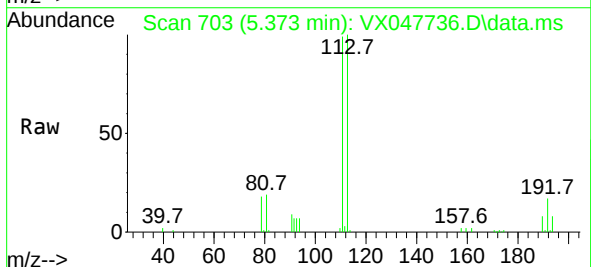


Tgt Ion:114 Resp: 272633
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.0
88 15.8 0.0 34.2



#35
Dibromofluoromethane
Concen: 47.638 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047736.D
Acq: 23 Sep 2025 16:13

Tgt Ion:113 Resp: 87103
Ion Ratio Lower Upper
113 100
111 103.4 80.9 121.3
192 18.2 14.2 21.4

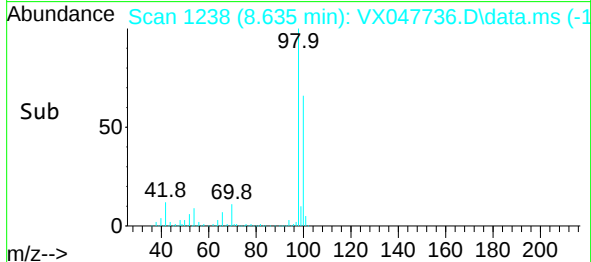
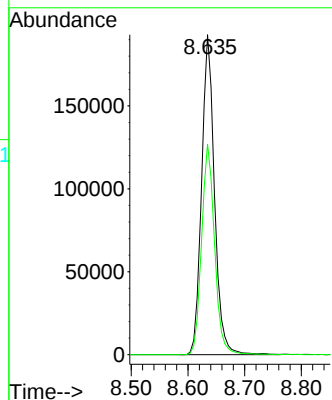
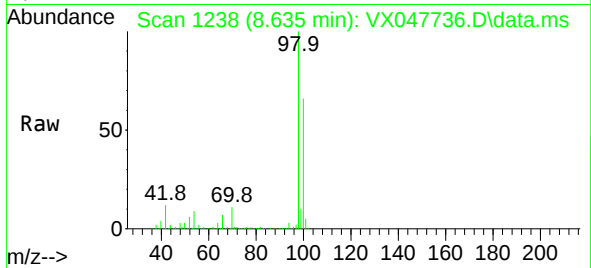




#50
Toluene-d8
Concen: 48.182 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047736.D
Acq: 23 Sep 2025 16:13

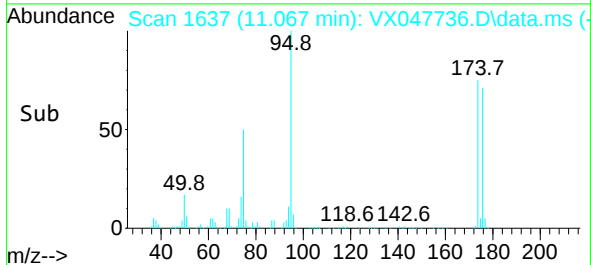
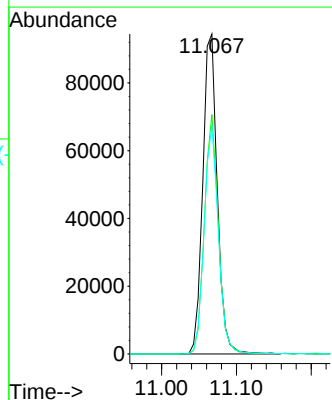
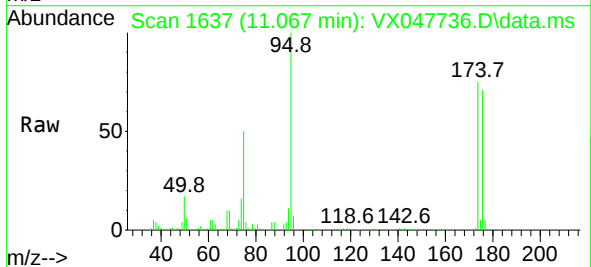
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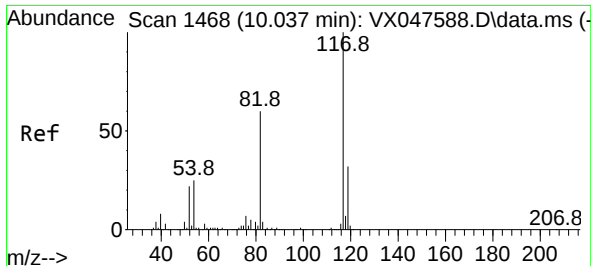
Tgt Ion: 98 Resp: 304833
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.026 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047736.D
Acq: 23 Sep 2025 16:13

Tgt Ion: 95 Resp: 127320
Ion Ratio Lower Upper
95 100
174 72.2 0.0 141.6
176 70.2 0.0 138.4

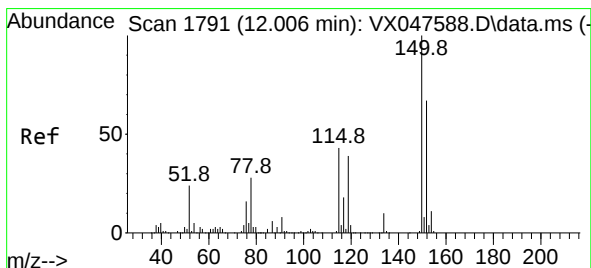
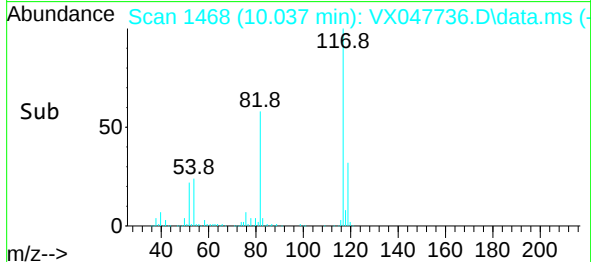
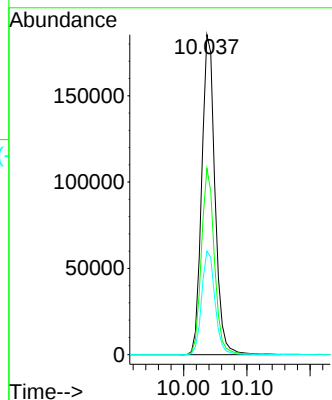
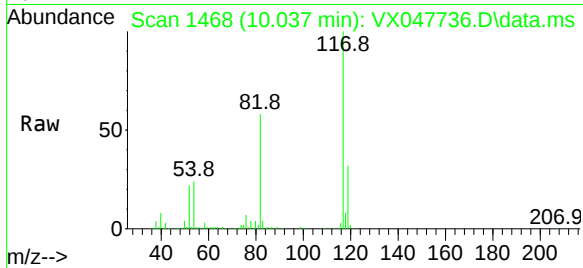




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047736.D
Acq: 23 Sep 2025 16:13

Instrument :
MSVOA_X
ClientSampleId :
TB04-20250911

Tgt Ion:117 Resp: 271011
Ion Ratio Lower Upper
117 100
82 58.3 47.8 71.6
119 32.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047736.D
Acq: 23 Sep 2025 16:13

Tgt Ion:152 Resp: 135735
Ion Ratio Lower Upper
152 100
115 62.2 44.9 134.5
150 156.0 0.0 352.0

