

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047728.D
 Acq On : 23 Sep 2025 13:25
 Operator : JC/MD
 Sample : Q3097-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB05-20250912

Quant Time: Sep 24 01:31:57 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	147598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	303576	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	304061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	151284	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	117780	50.132	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.260%
35) Dibromofluoromethane	5.379	113	97811	48.042	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.080%
50) Toluene-d8	8.635	98	343858	48.810	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.620%
62) 4-Bromofluorobenzene	11.067	95	144795	54.157	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.320%

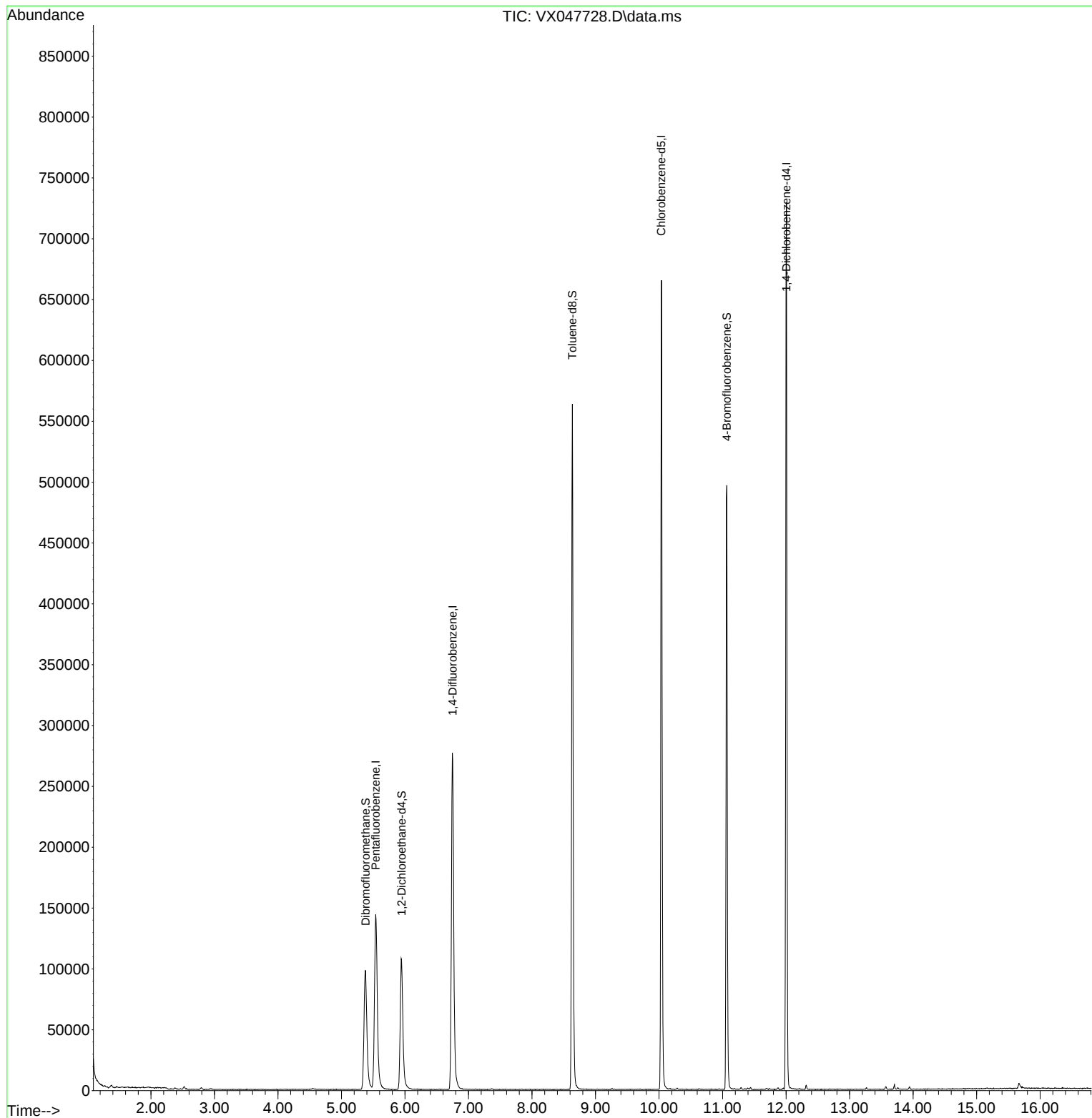
Target Compounds	Qvalue

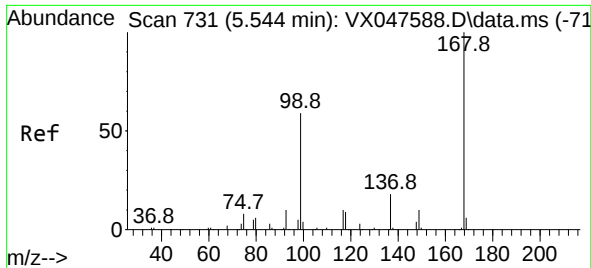
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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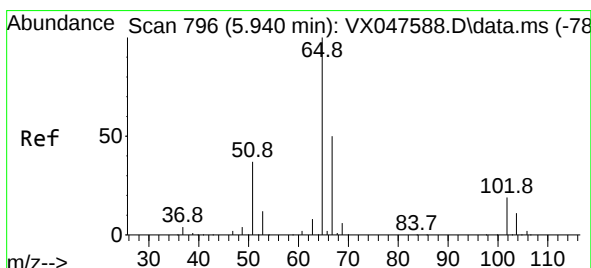
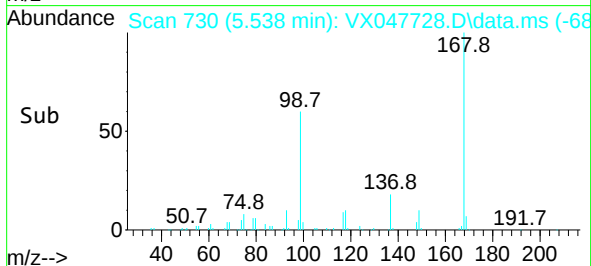
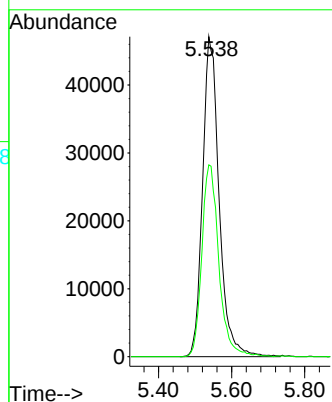
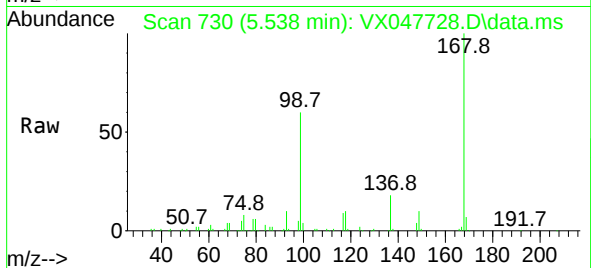




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047728.D
Acq: 23 Sep 2025 13:25

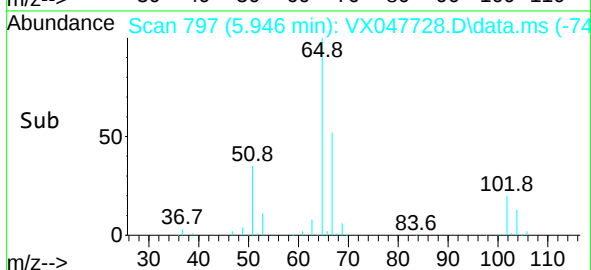
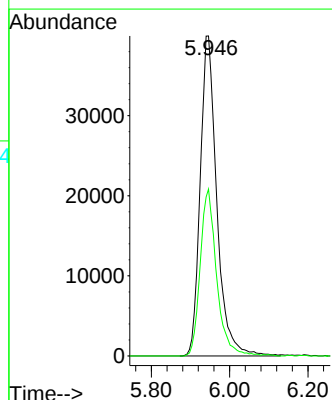
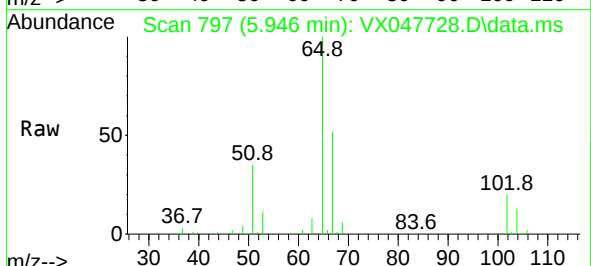
Instrument :
MSVOA_X
ClientSampleId :
TB05-20250912

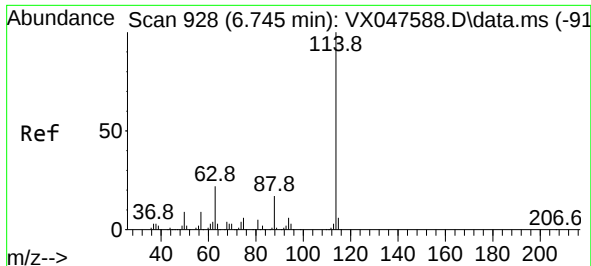
Tgt Ion:168 Resp: 147598
Ion Ratio Lower Upper
168 100
99 60.0 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 50.132 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047728.D
Acq: 23 Sep 2025 13:25

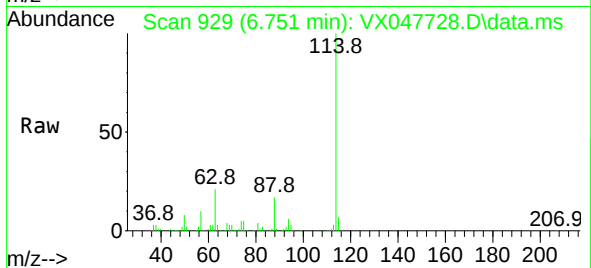
Tgt Ion: 65 Resp: 117780
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0



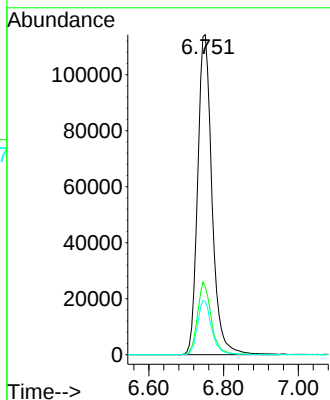
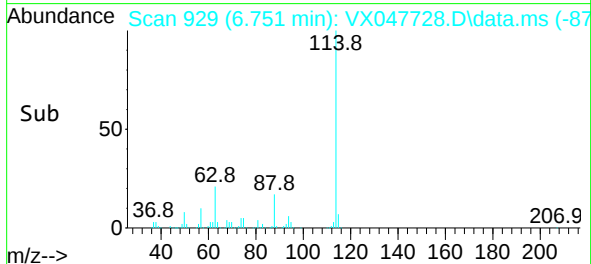


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047728.D
Acq: 23 Sep 2025 13:25

Instrument :
MSVOA_X
ClientSampleId :
TB05-20250912

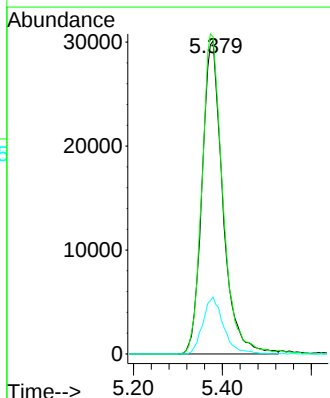
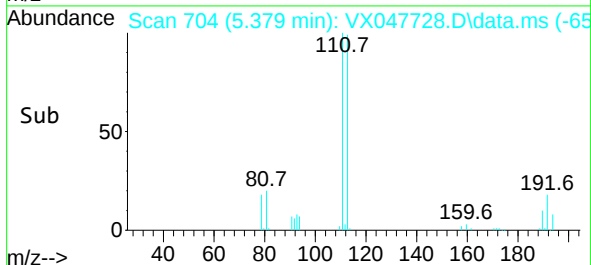
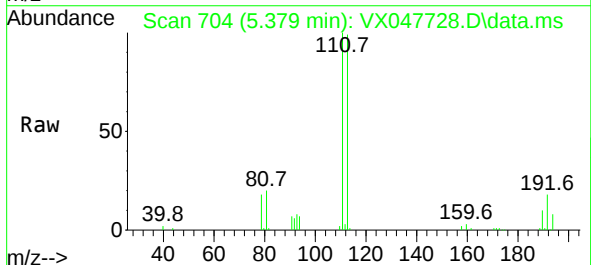


Tgt Ion:114 Resp: 303576
Ion Ratio Lower Upper
114 100
63 21.1 0.0 44.0
88 16.6 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.042 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047728.D
Acq: 23 Sep 2025 13:25

Tgt Ion:113 Resp: 97811
Ion Ratio Lower Upper
113 100
111 102.4 80.9 121.3
192 18.1 14.2 21.4

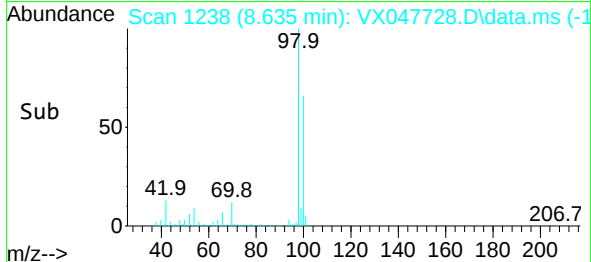
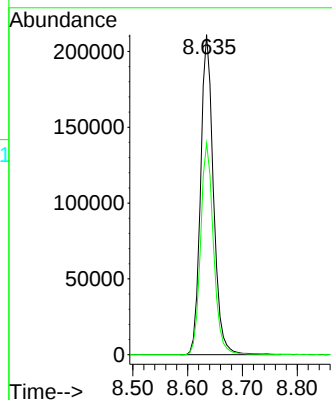
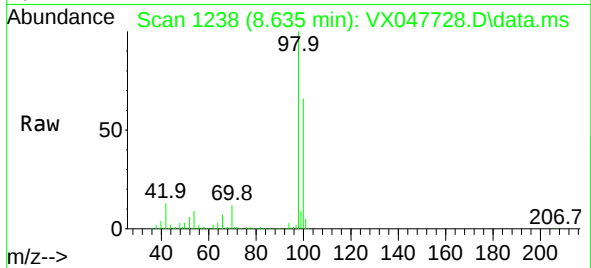




#50
Toluene-d8
Concen: 48.810 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047728.D
Acq: 23 Sep 2025 13:25

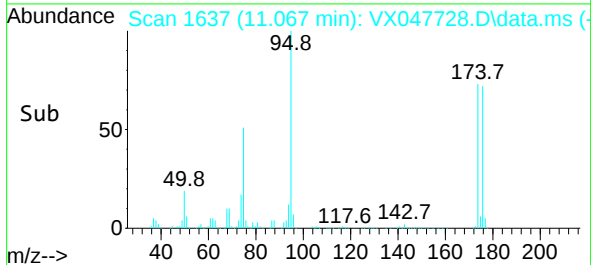
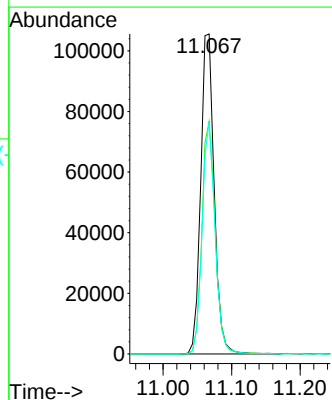
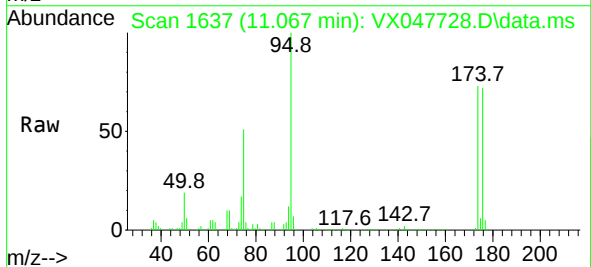
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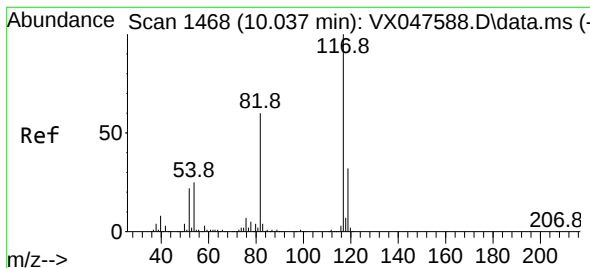
Tgt Ion: 98 Resp: 343858
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.157 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047728.D
Acq: 23 Sep 2025 13:25

Tgt Ion: 95 Resp: 144795
Ion Ratio Lower Upper
95 100
174 71.7 0.0 141.6
176 69.4 0.0 138.4

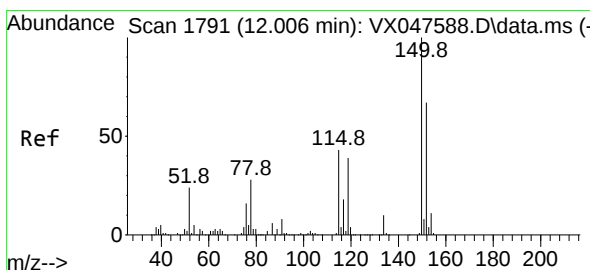
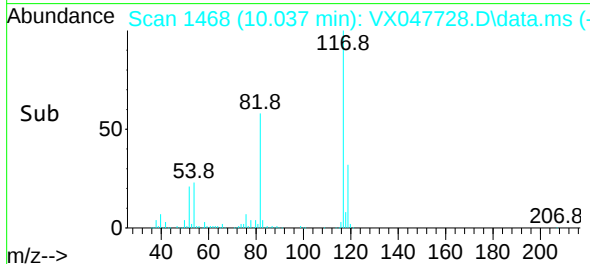
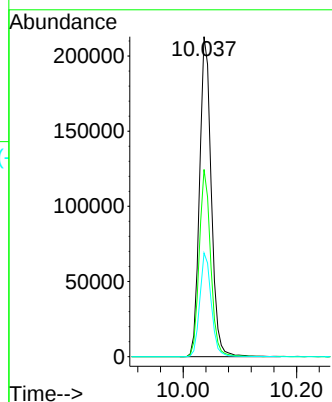
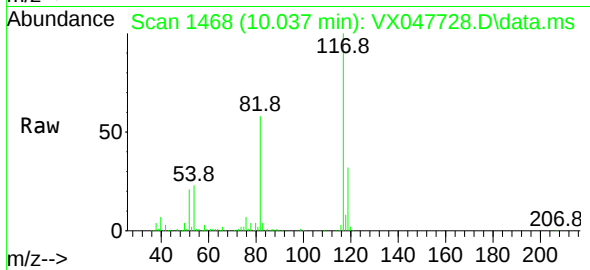




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047728.D
Acq: 23 Sep 2025 13:25

Instrument :
MSVOA_X
ClientSampleId :
TB05-20250912

Tgt Ion:117 Resp: 304061
Ion Ratio Lower Upper
117 100
82 58.5 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: VX047728.D
Acq: 23 Sep 2025 13:25

Tgt Ion:152 Resp: 151284
Ion Ratio Lower Upper
152 100
115 62.5 44.9 134.5
150 156.8 0.0 352.0

