

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047747.D
 Acq On : 24 Sep 2025 03:11
 Operator : JC/MD
 Sample : VX0923WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBL02

Quant Time: Sep 24 03:44:03 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	5.544	168	197095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	377977	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	356070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	171478	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	162215	51.706	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.420%
35) Dibromofluoromethane	5.373	113	128776	50.801	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.600%
50) Toluene-d8	8.635	98	440529	50.224	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.440%
62) 4-Bromofluorobenzene	11.067	95	172255	51.746	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.500%

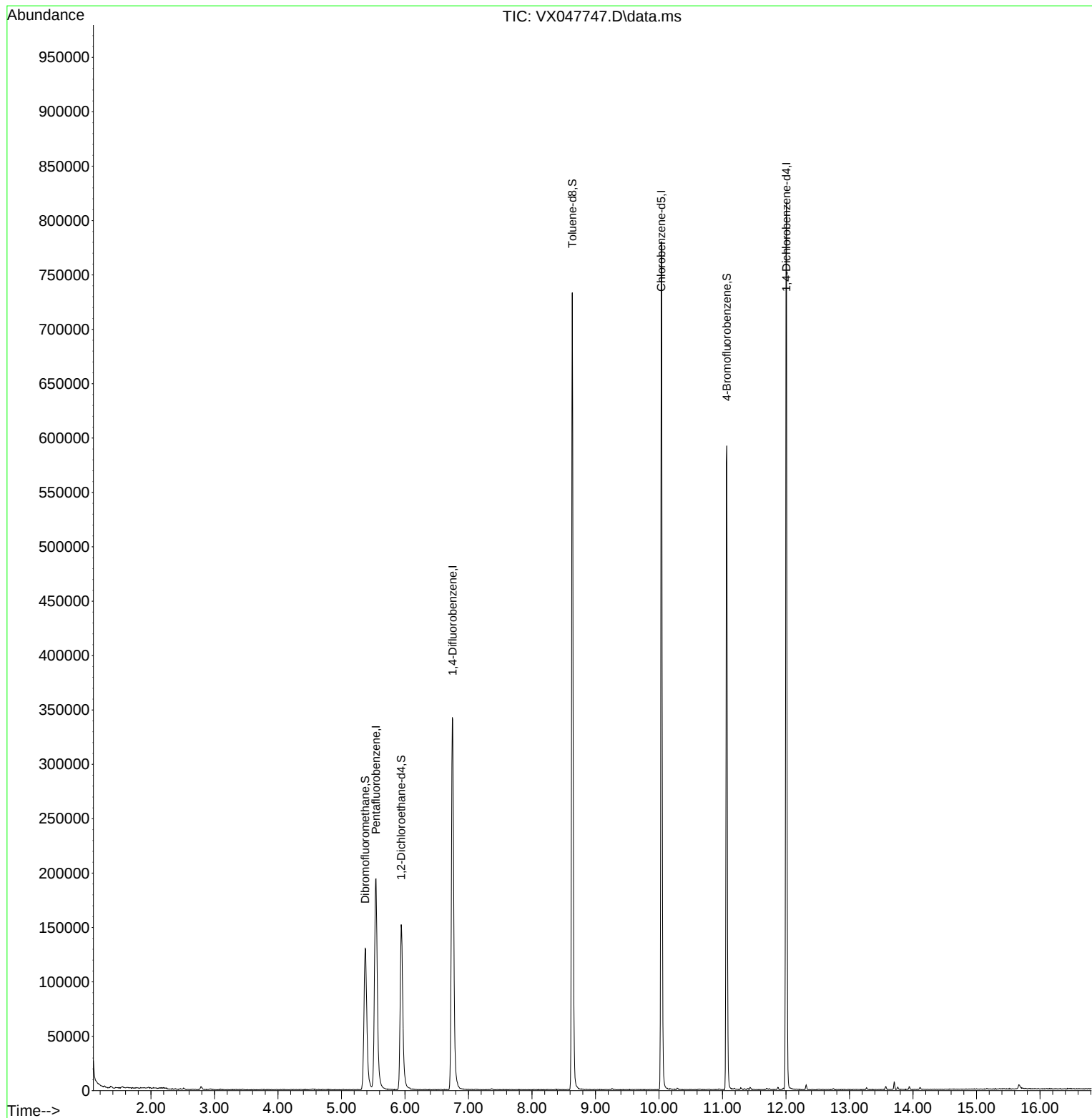
Target Compounds	Qvalue

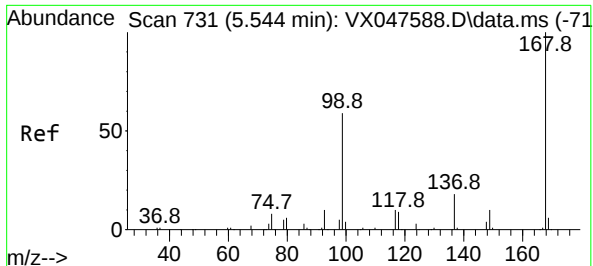
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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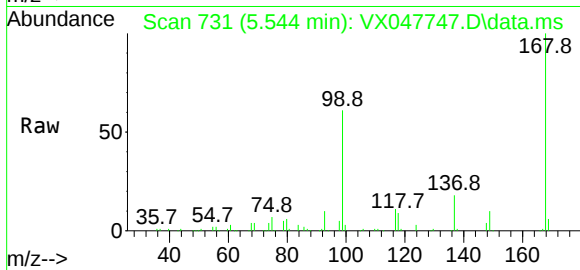
Quant Time: Sep 24 03:44:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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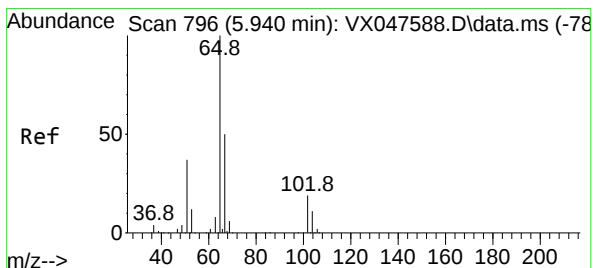
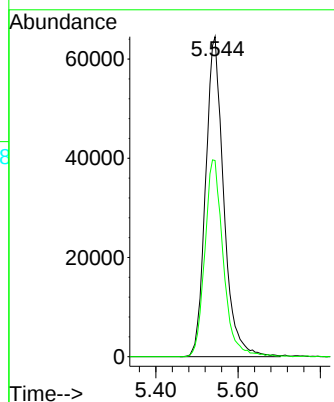
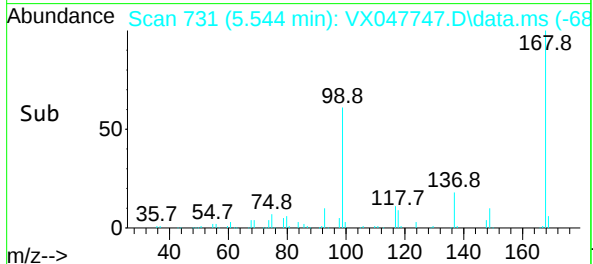


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX047747.D
Acq: 24 Sep 2025 03:11

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBL02

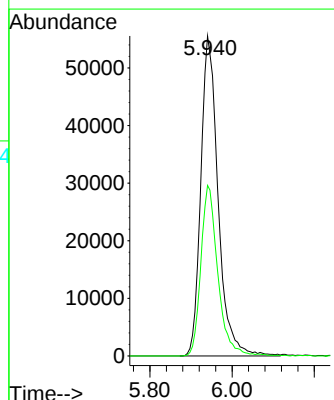
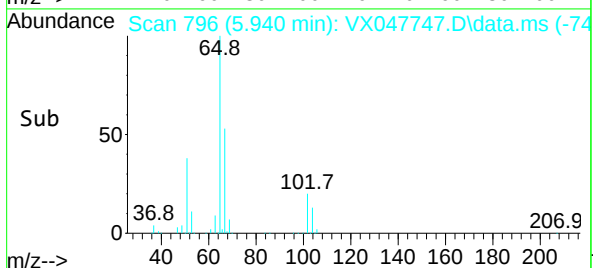
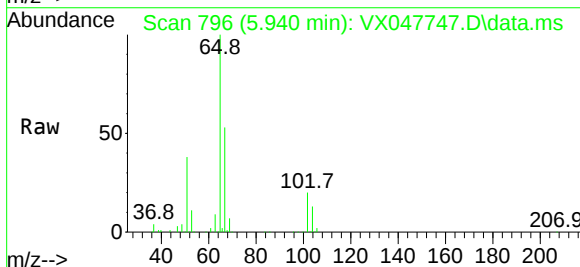


Tgt Ion:168 Resp: 197095
Ion Ratio Lower Upper
168 100
99 61.3 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 51.706 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX047747.D
Acq: 24 Sep 2025 03:11

Tgt Ion: 65 Resp: 162215
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.0

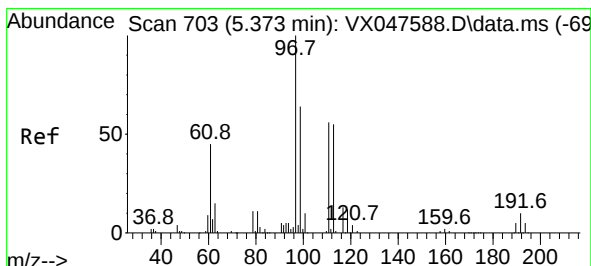
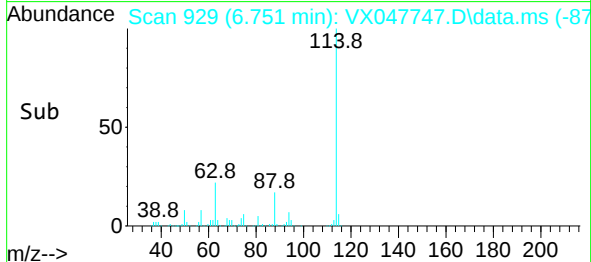
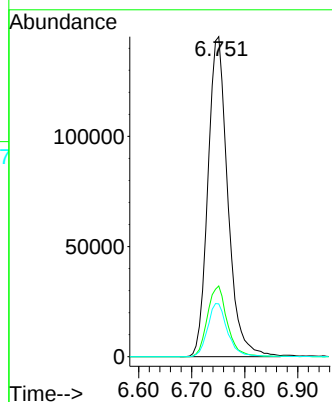
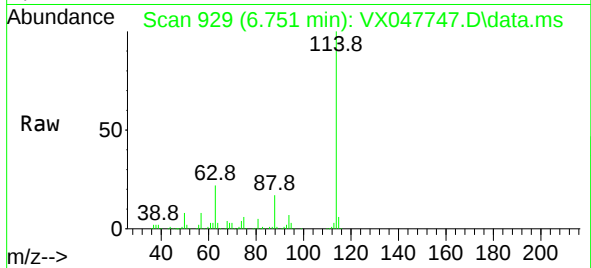




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047747.D
Acq: 24 Sep 2025 03:11

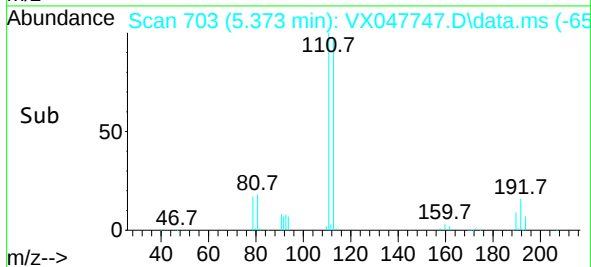
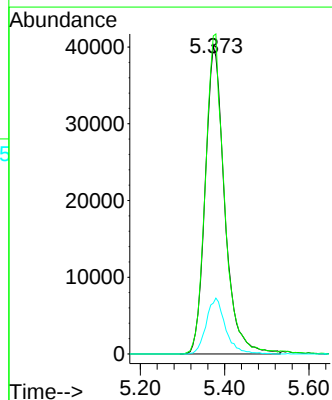
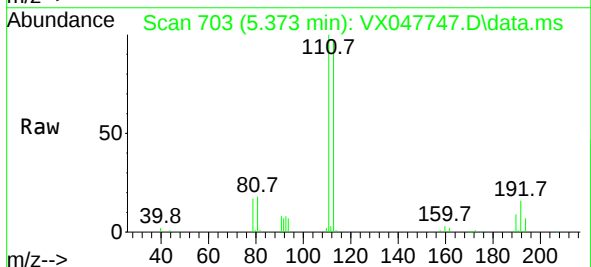
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBL02

Tgt Ion:114 Resp: 377977
Ion Ratio Lower Upper
114 100
63 22.1 0.0 44.0
88 16.5 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.801 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX047747.D
Acq: 24 Sep 2025 03:11

Tgt Ion:113 Resp: 128776
Ion Ratio Lower Upper
113 100
111 101.6 80.9 121.3
192 18.0 14.2 21.4

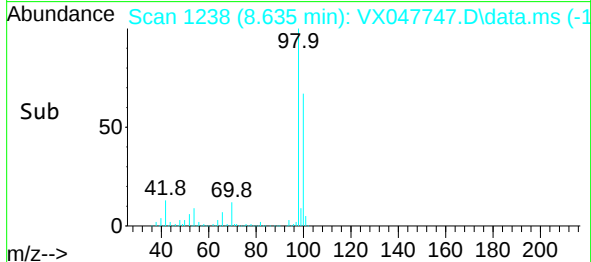
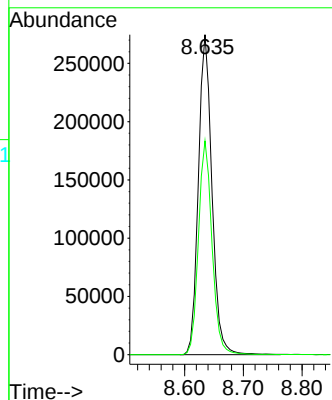
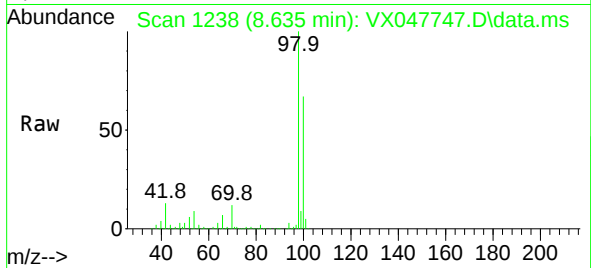




#50
Toluene-d8
Concen: 50.224 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047747.D
Acq: 24 Sep 2025 03:11

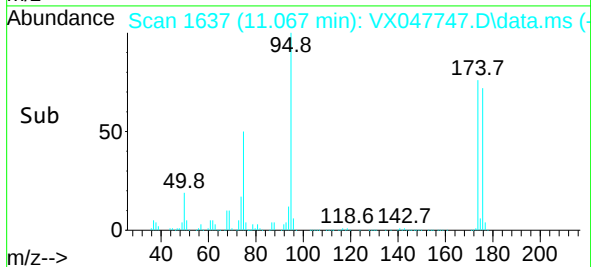
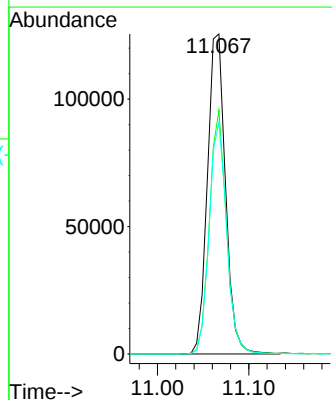
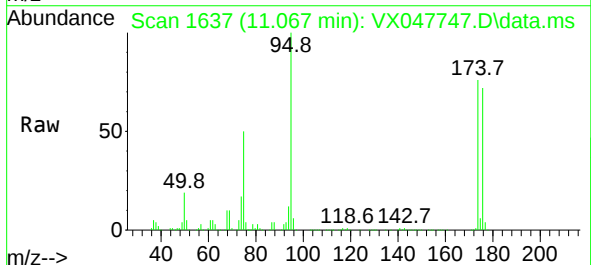
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBL02

Tgt Ion: 98 Resp: 440529
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 51.746 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047747.D
Acq: 24 Sep 2025 03:11

Tgt Ion: 95 Resp: 172255
Ion Ratio Lower Upper
95 100
174 71.8 0.0 141.6
176 70.3 0.0 138.4

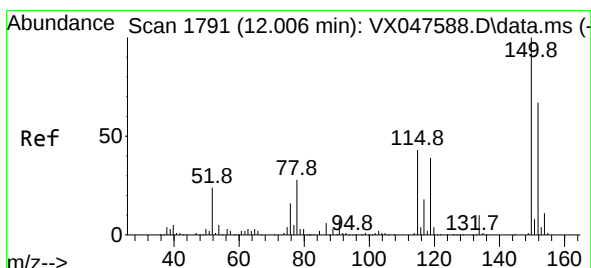
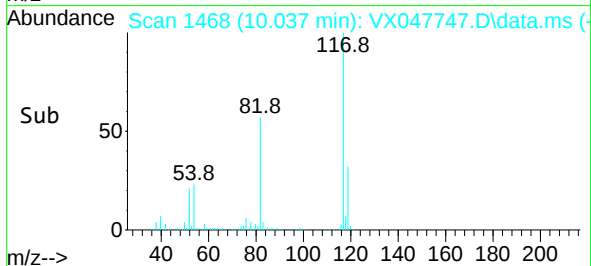
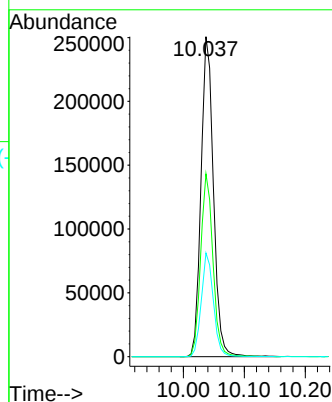
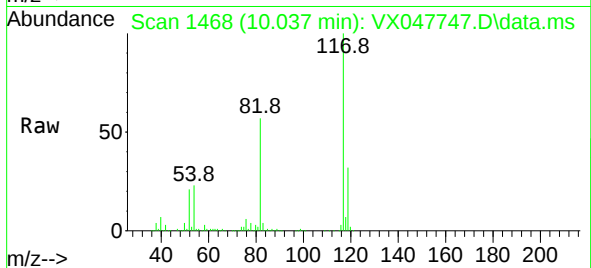




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX047747.D
Acq: 24 Sep 2025 03:11

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBL02

Tgt Ion:117 Resp: 356070
Ion Ratio Lower Upper
117 100
82 57.1 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: VX047747.D
Acq: 24 Sep 2025 03:11

Tgt Ion:152 Resp: 171478
Ion Ratio Lower Upper
152 100
115 62.6 44.9 134.5
150 158.1 0.0 352.0

