

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092425\
 Data File : VX047771.D
 Acq On : 24 Sep 2025 13:04
 Operator : JC/MD
 Sample : VX0924WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBL01

Quant Time: Sep 25 01:13:09 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	5.531	168	121515	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	250677	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	250409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	123109	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	94980	49.105	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.220%
35) Dibromofluoromethane	5.367	113	79063	47.028	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.060%
50) Toluene-d8	8.635	98	279765	48.093	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.180%
62) 4-Bromofluorobenzene	11.061	95	115416	52.278	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.560%

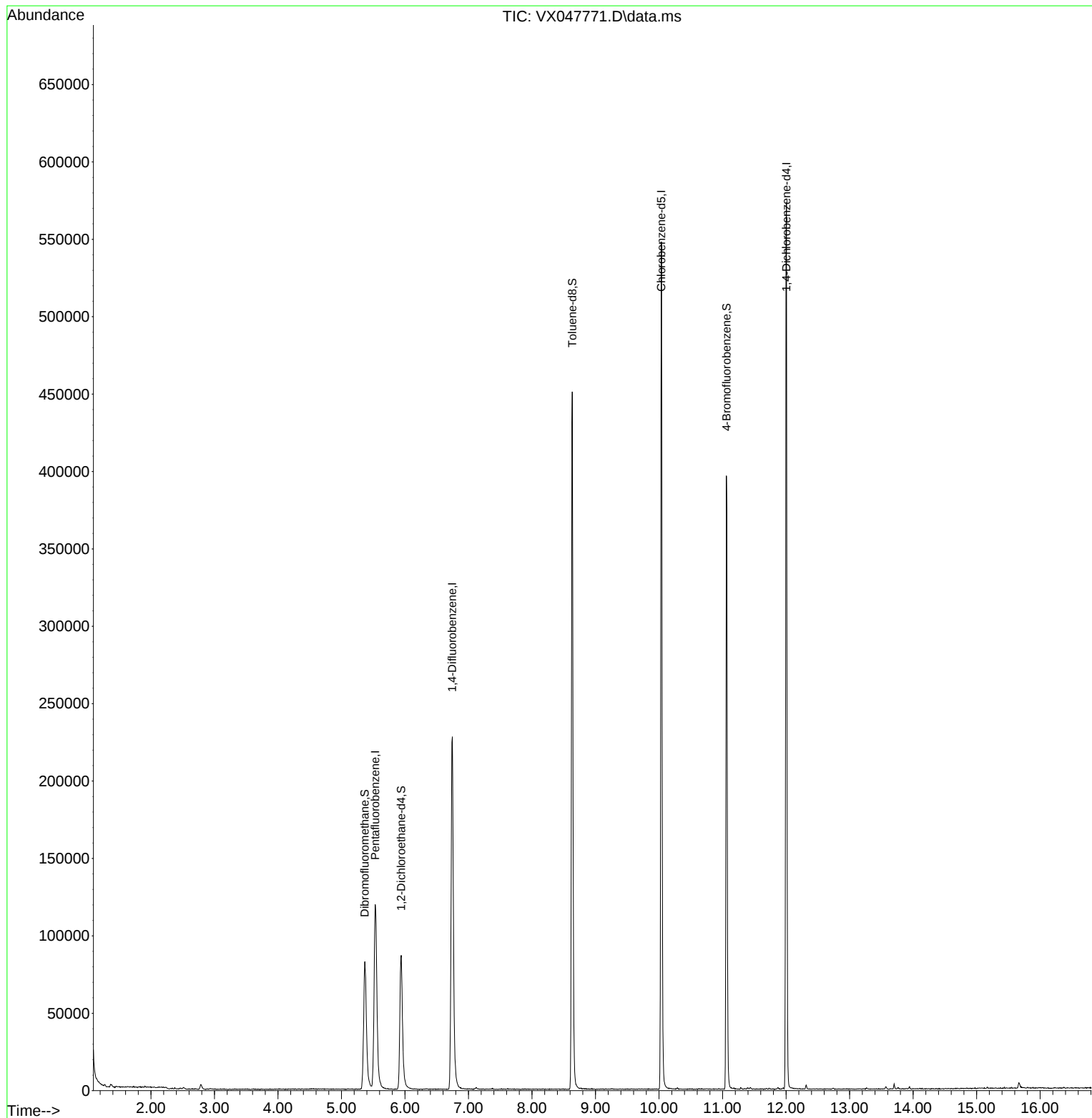
Target Compounds	Qvalue

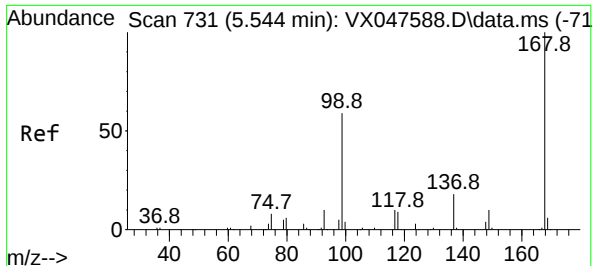
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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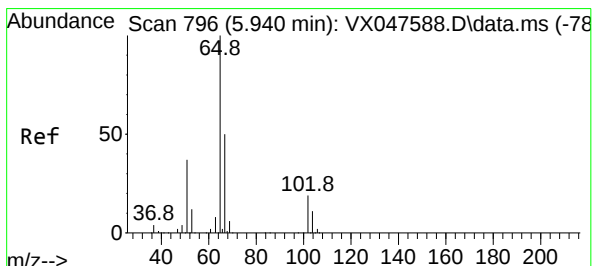
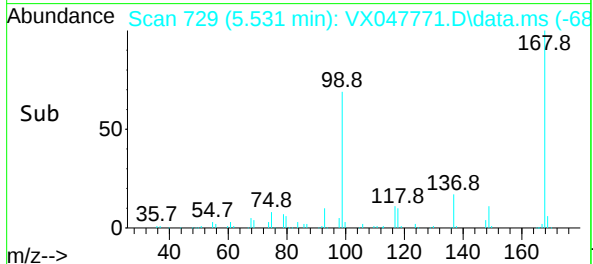
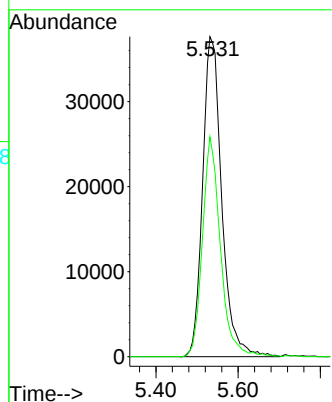
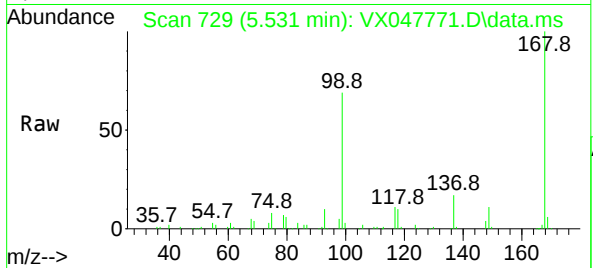




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX047771.D
Acq: 24 Sep 2025 13:04

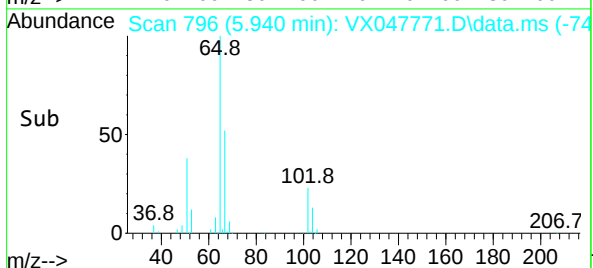
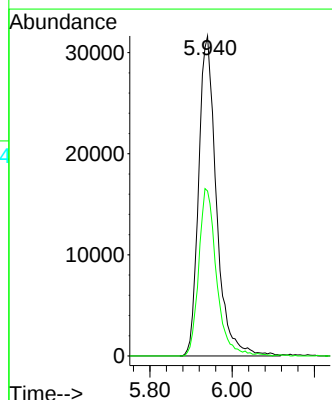
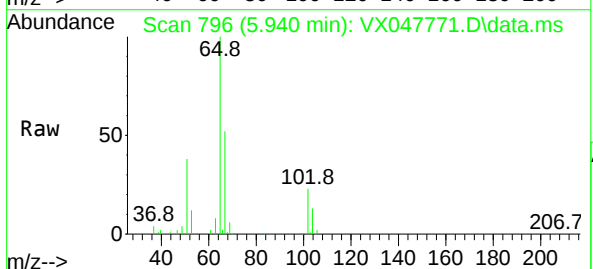
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBL01

Tgt Ion:168 Resp: 121515
Ion Ratio Lower Upper
168 100
99 68.6 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 49.105 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047771.D
Acq: 24 Sep 2025 13:04

Tgt Ion: 65 Resp: 94980
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.0

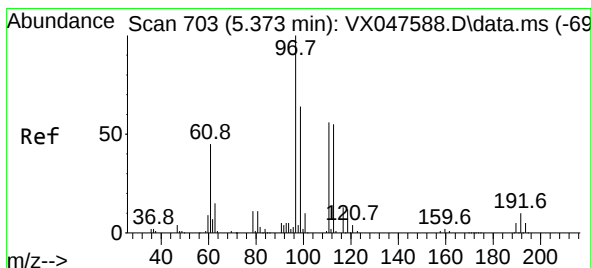
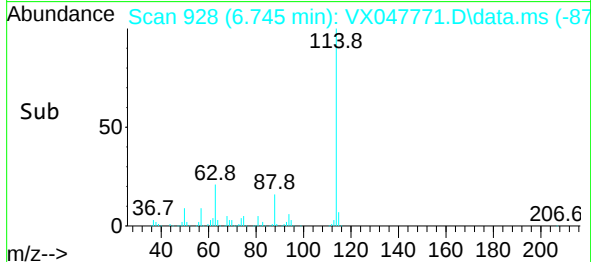
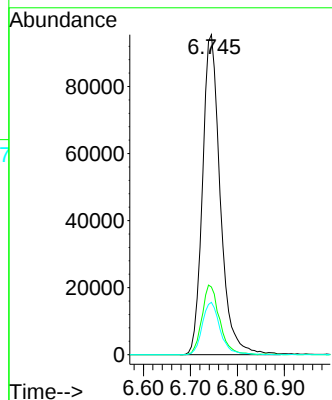
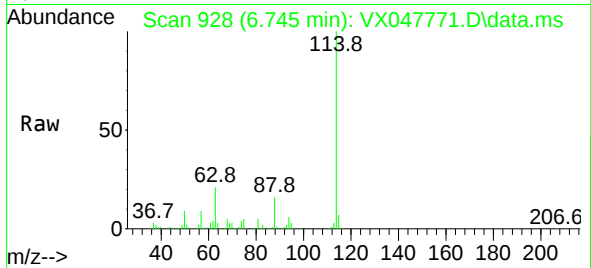




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047771.D
Acq: 24 Sep 2025 13:04

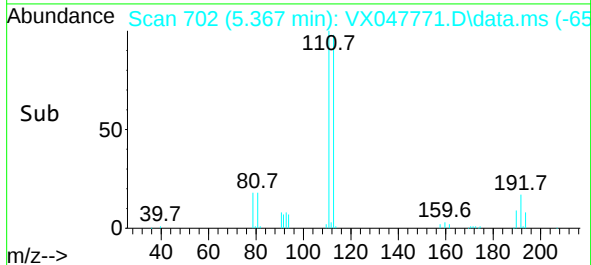
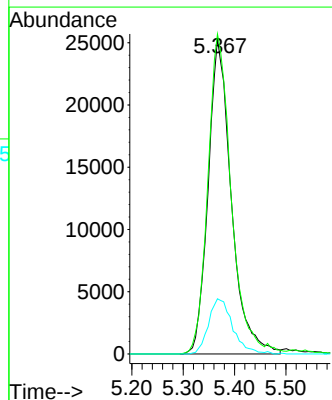
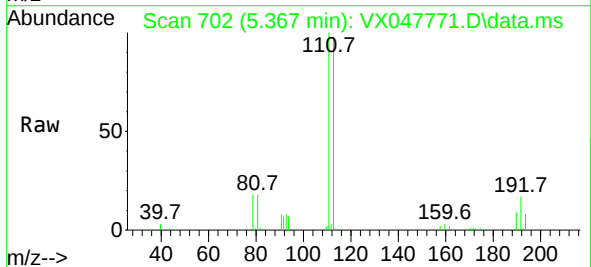
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBL01

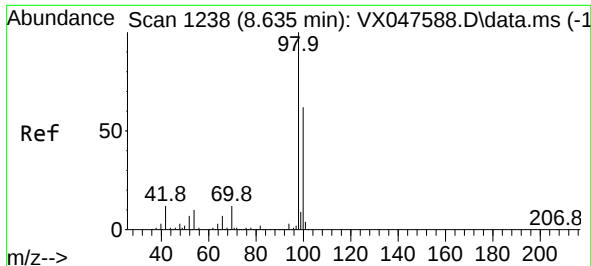
Tgt Ion:114 Resp: 250677
Ion Ratio Lower Upper
114 100
63 21.1 0.0 44.0
88 16.4 0.0 34.2



#35
Dibromofluoromethane
Concen: 47.028 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047771.D
Acq: 24 Sep 2025 13:04

Tgt Ion:113 Resp: 79063
Ion Ratio Lower Upper
113 100
111 103.3 80.9 121.3
192 18.3 14.2 21.4

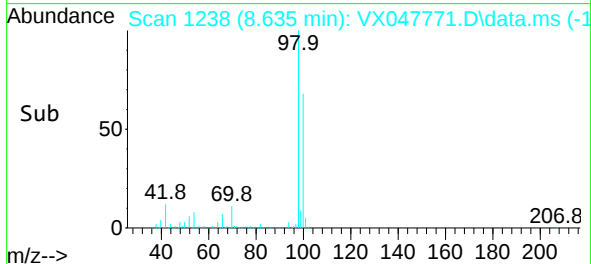
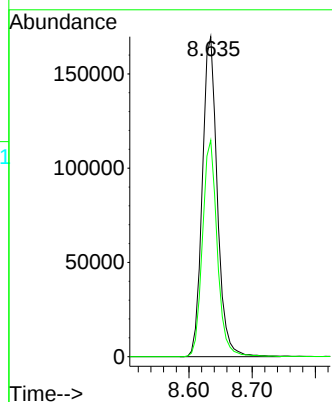
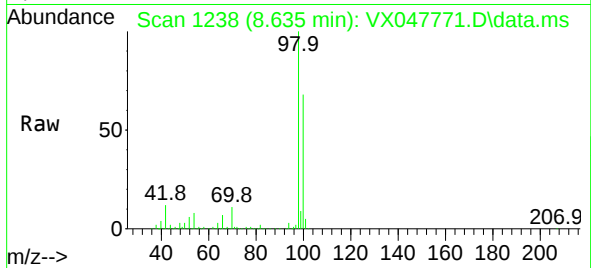




#50
Toluene-d8
Concen: 48.093 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047771.D
Acq: 24 Sep 2025 13:04

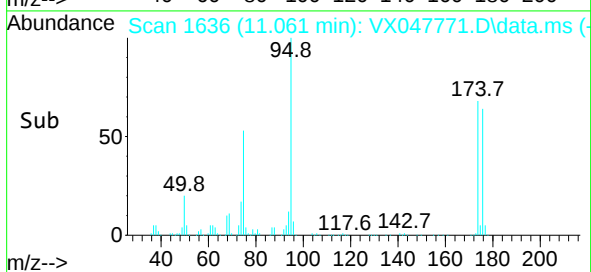
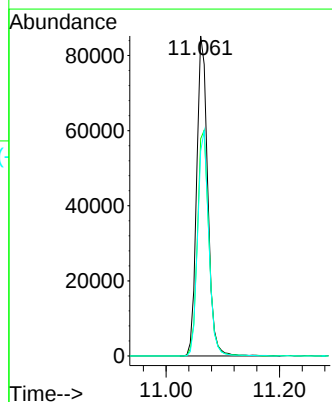
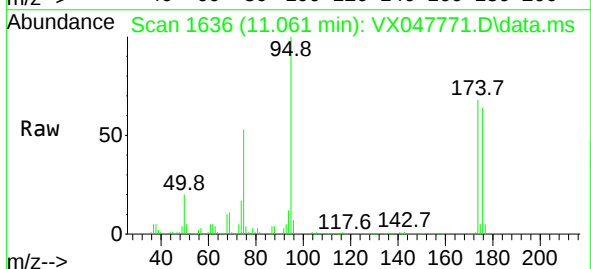
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBL01

Tgt Ion: 98 Resp: 279765
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.278 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047771.D
Acq: 24 Sep 2025 13:04

Tgt Ion: 95 Resp: 115416
Ion Ratio Lower Upper
95 100
174 72.6 0.0 141.6
176 70.3 0.0 138.4

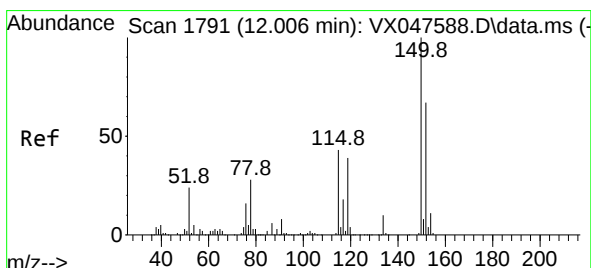
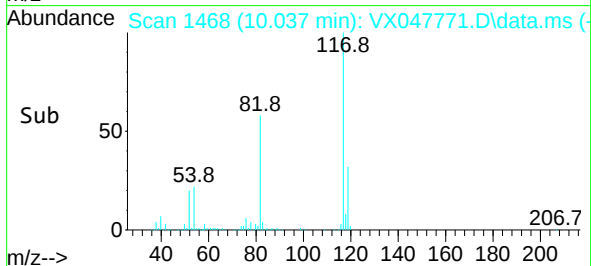
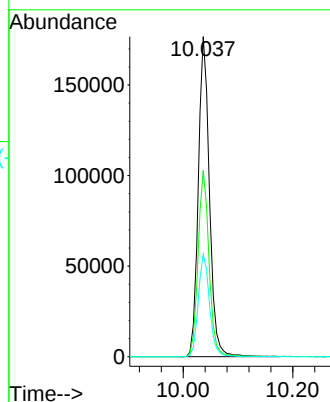
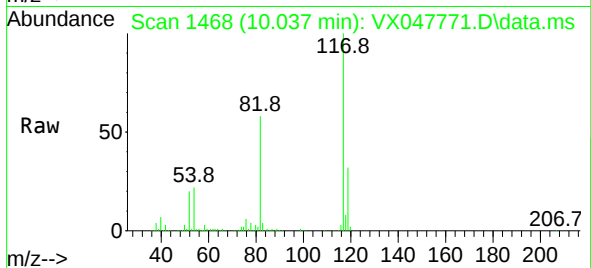




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047771.D
Acq: 24 Sep 2025 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBL01

Tgt Ion:117 Resp: 250409
Ion Ratio Lower Upper
117 100
82 58.2 47.8 71.6
119 32.0 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: VX047771.D
Acq: 24 Sep 2025 13:04

Tgt Ion:152 Resp: 123109
Ion Ratio Lower Upper
152 100
115 60.7 44.9 134.5
150 156.5 0.0 352.0

