

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
 Data File : VX047598.D
 Acq On : 16 Sep 2025 16:30
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Sep 17 06:53:26 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	192687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	334451	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	297936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	148925	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	150627	49.111	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.220%
35) Dibromofluoromethane	5.373	113	112834	50.305	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.600%
50) Toluene-d8	8.635	98	409153	52.717	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.440%
62) 4-Bromofluorobenzene	11.061	95	156102	52.996	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.000%

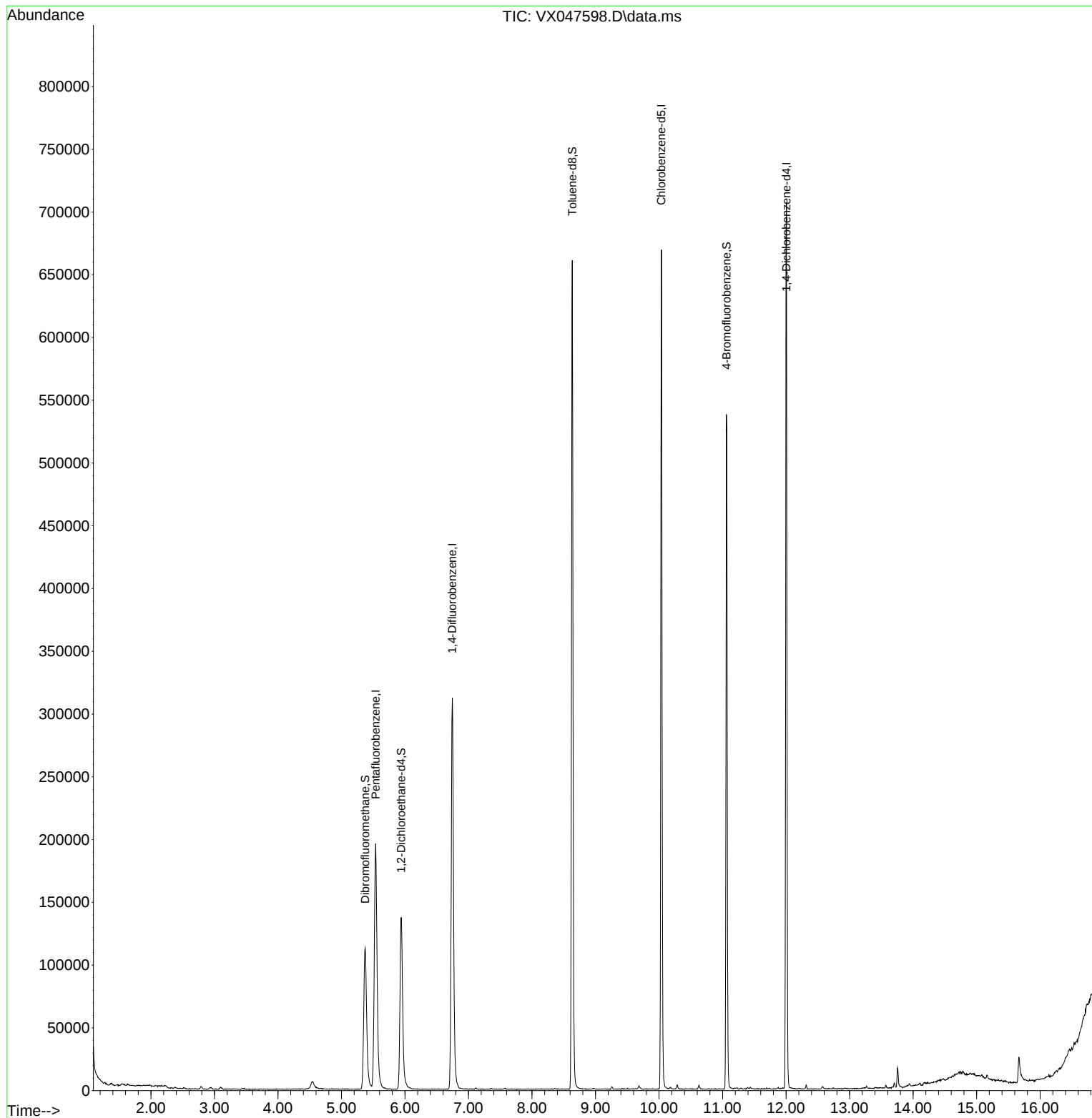
Target Compounds	Qvalue

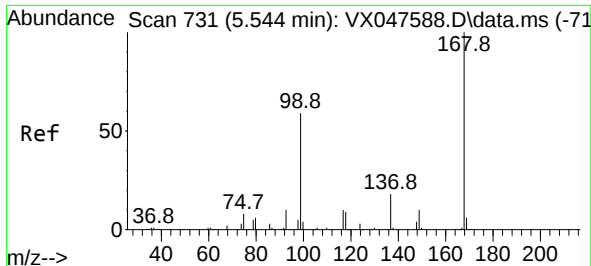
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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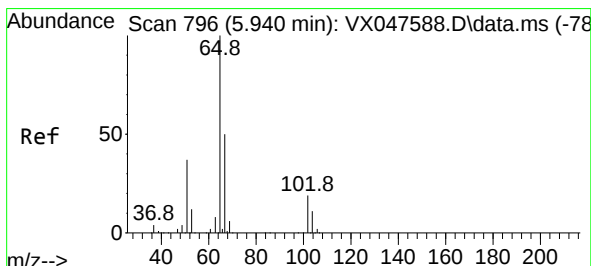
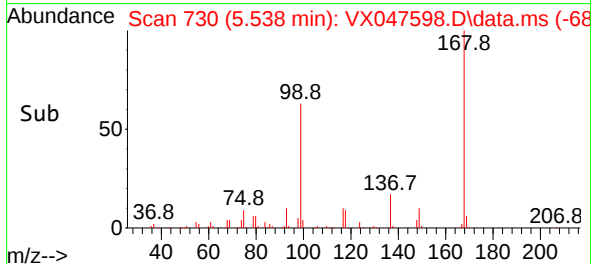
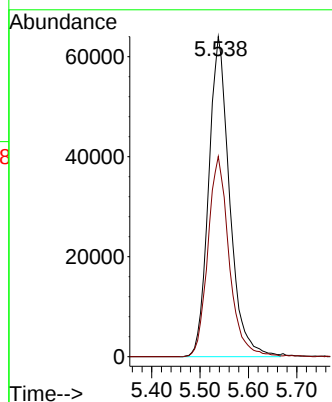
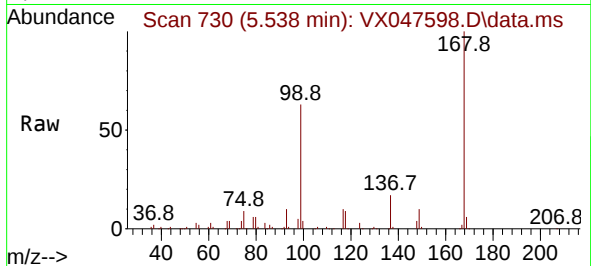




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047598.D
Acq: 16 Sep 2025 16:30

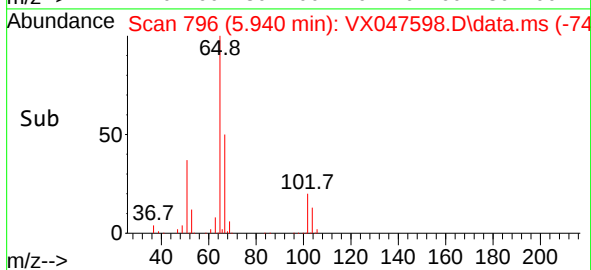
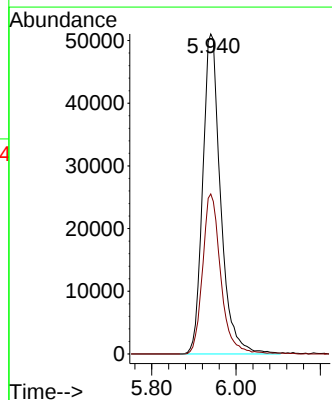
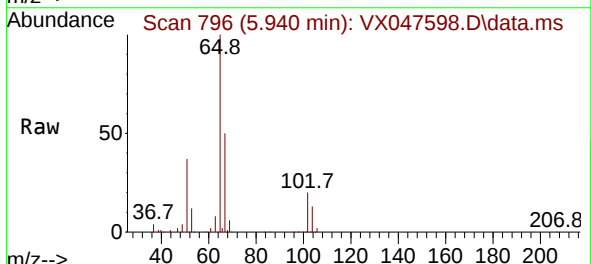
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 192687
Ion Ratio Lower Upper
168 100
99 62.6 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 49.111 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047598.D
Acq: 16 Sep 2025 16:30

Tgt Ion: 65 Resp: 150627
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.0

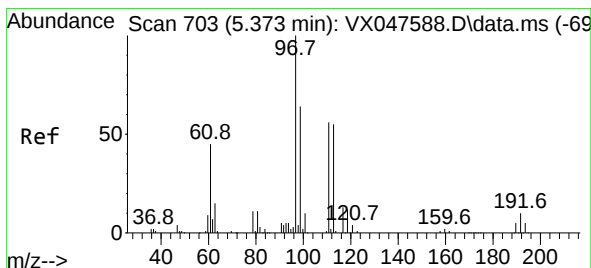
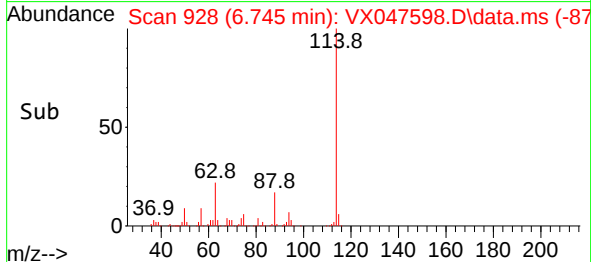
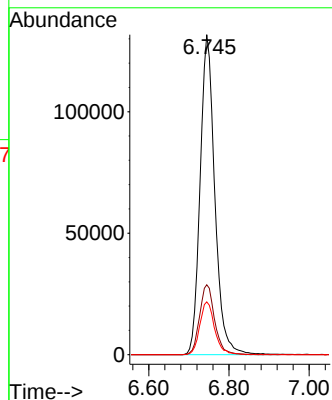
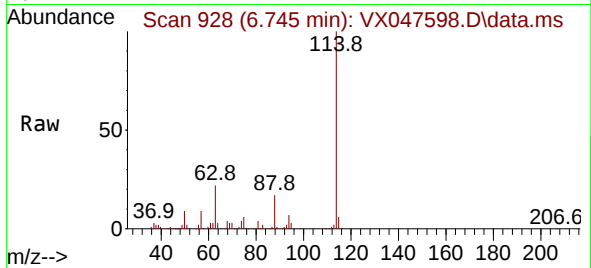




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047598.D
Acq: 16 Sep 2025 16:30

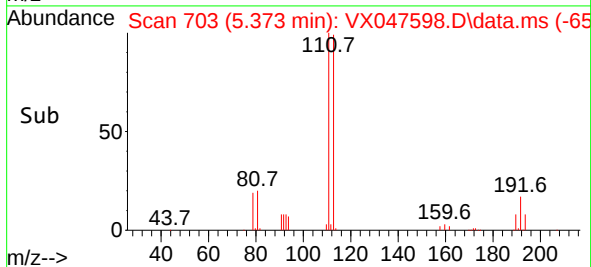
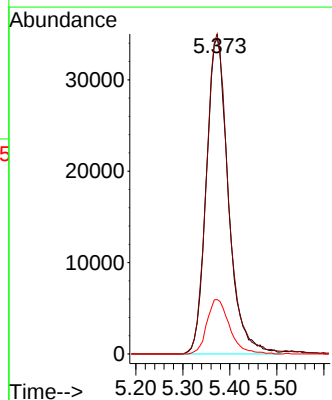
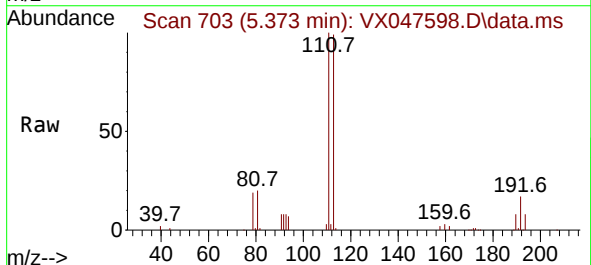
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 334451
Ion Ratio Lower Upper
114 100
63 21.8 0.0 44.0
88 16.5 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.305 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047598.D
Acq: 16 Sep 2025 16:30

Tgt Ion:113 Resp: 112834
Ion Ratio Lower Upper
113 100
111 101.5 80.9 121.3
192 17.7 14.2 21.4

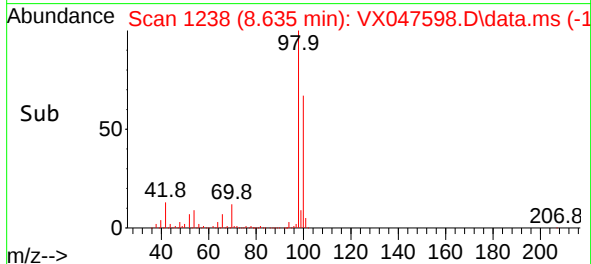
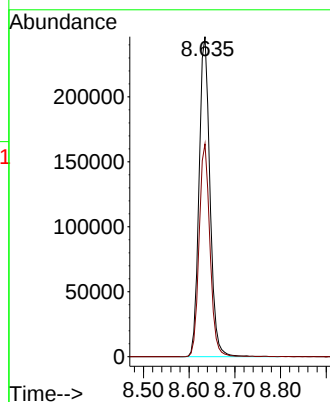
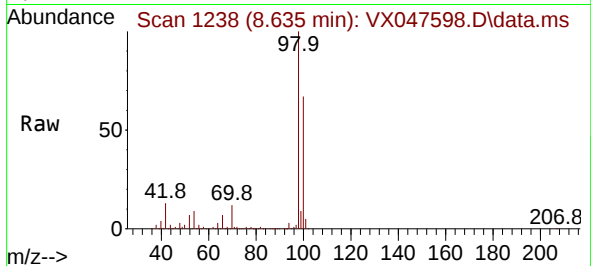




#50
Toluene-d8
Concen: 52.717 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047598.D
Acq: 16 Sep 2025 16:30

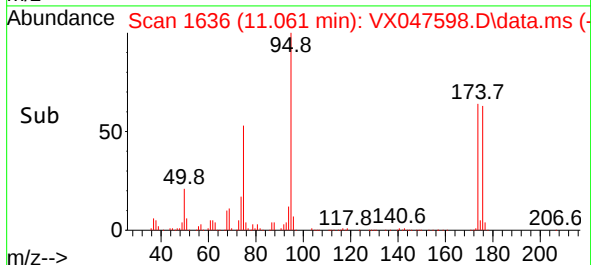
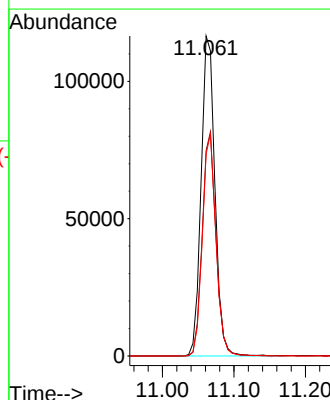
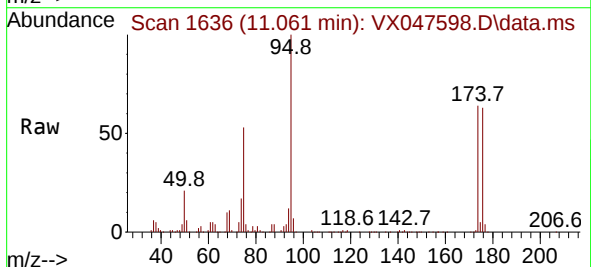
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

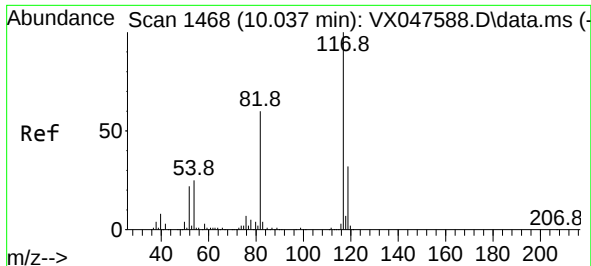
Tgt Ion: 98 Resp: 409153
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.996 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047598.D
Acq: 16 Sep 2025 16:30

Tgt Ion: 95 Resp: 156102
Ion Ratio Lower Upper
95 100
174 69.2 0.0 141.6
176 68.2 0.0 138.4

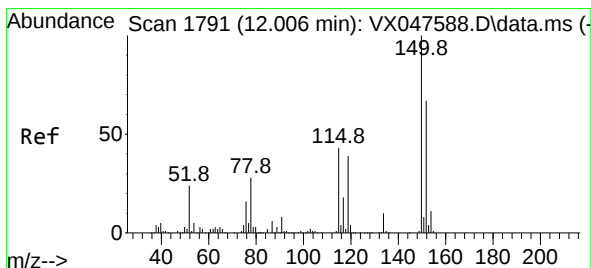
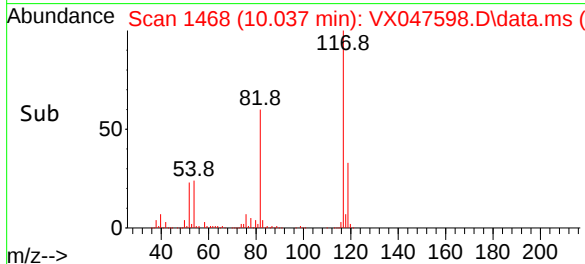
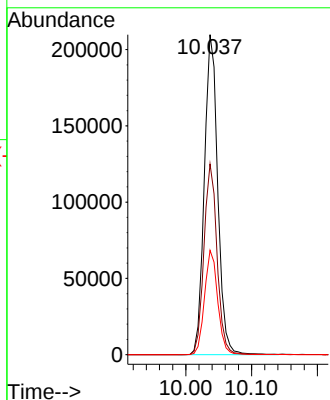
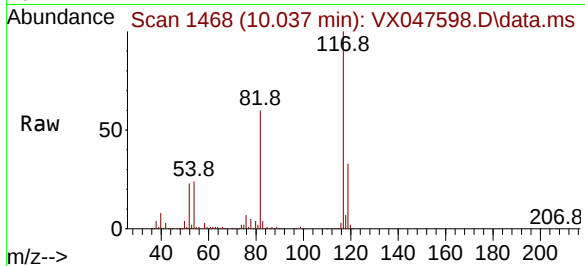




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047598.D
Acq: 16 Sep 2025 16:30

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 297936
Ion Ratio Lower Upper
117 100
82 59.6 47.8 71.6
119 32.6 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: VX047598.D
Acq: 16 Sep 2025 16:30

Tgt Ion:152 Resp: 148925
Ion Ratio Lower Upper
152 100
115 63.6 44.9 134.5
150 156.1 0.0 352.0

