

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048019.D
 Acq On : 06 Oct 2025 13:25
 Operator : JC/MD
 Sample : Q3279-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: Oct 07 02:12:46 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	158010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	323217	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	333156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	168006	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	133194	52.957	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.920%
35) Dibromofluoromethane	5.373	113	111138	51.271	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.540%
50) Toluene-d8	8.635	98	369554	49.270	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.540%
62) 4-Bromofluorobenzene	11.061	95	158013	55.509	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.020%

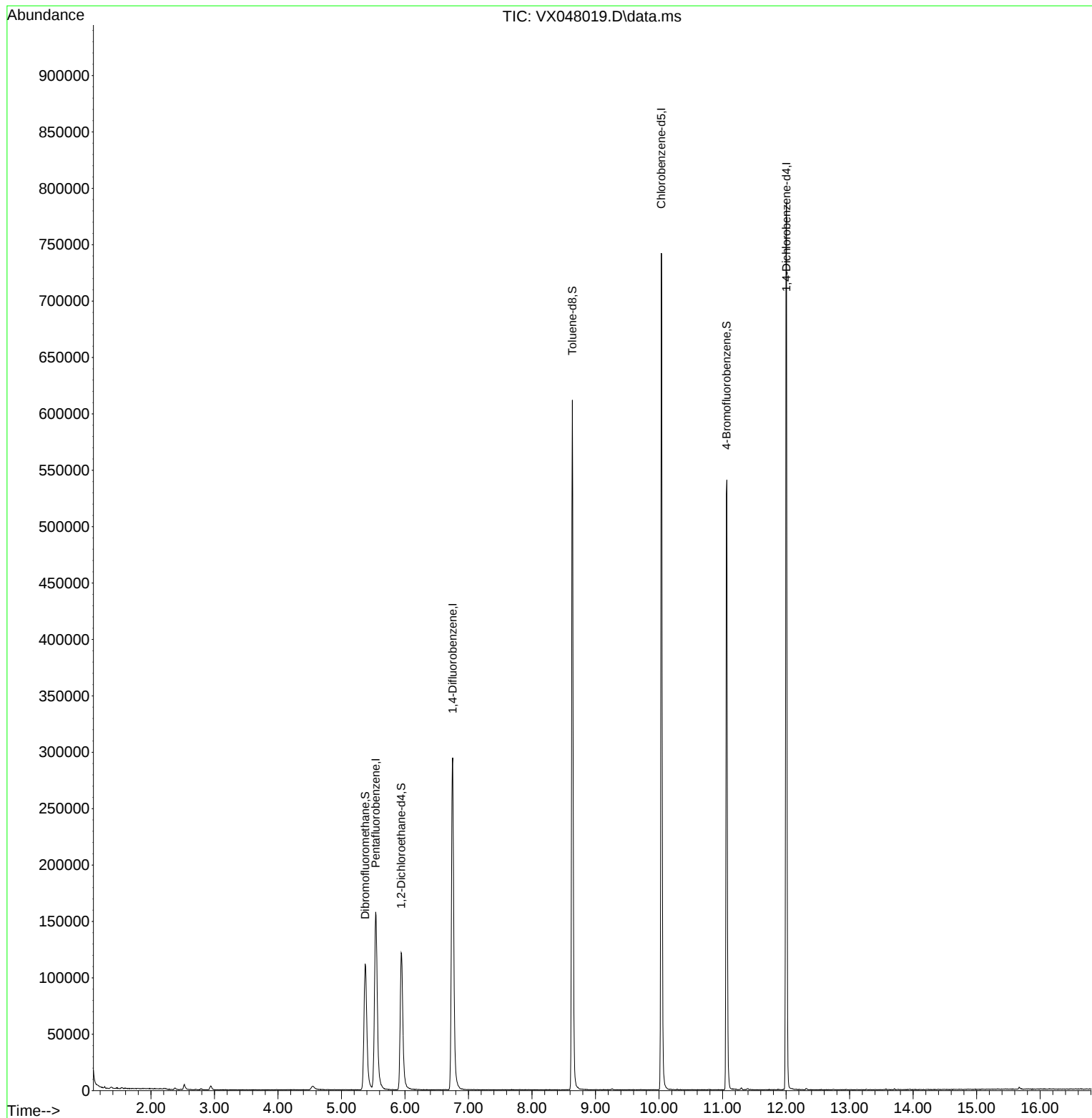
Target Compounds	Qvalue

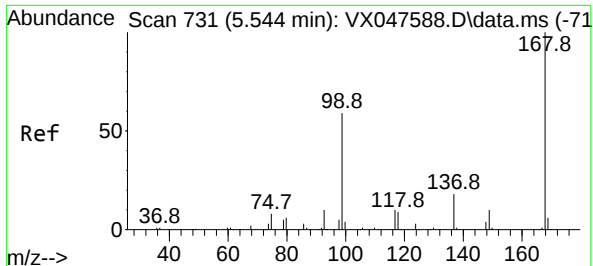
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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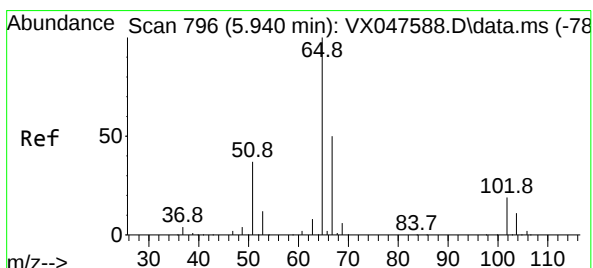
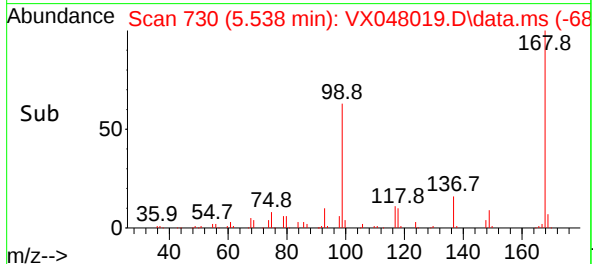
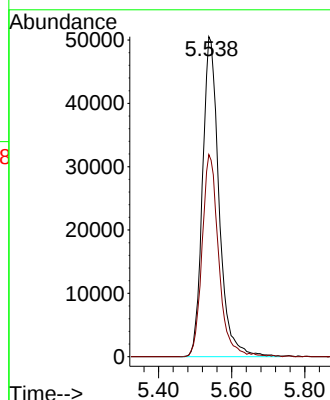
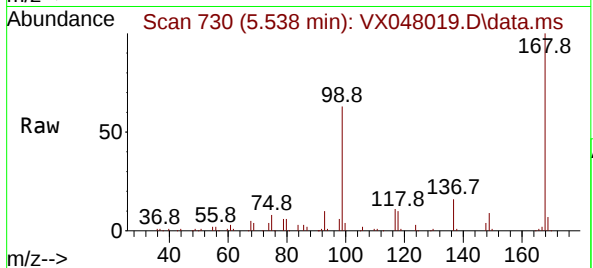




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.006 min
Lab File: VX048019.D
Acq: 06 Oct 2025 13:25

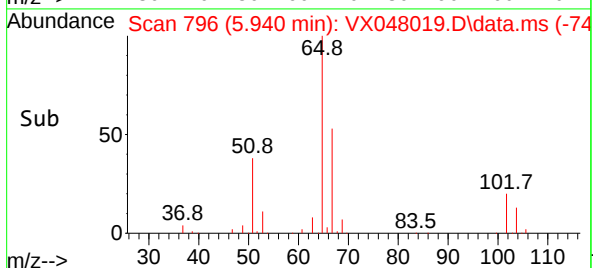
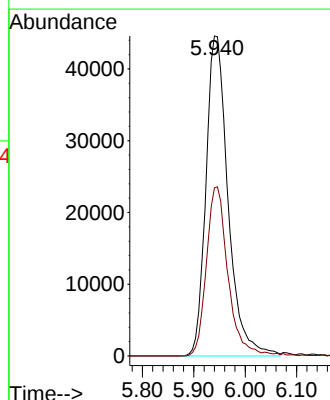
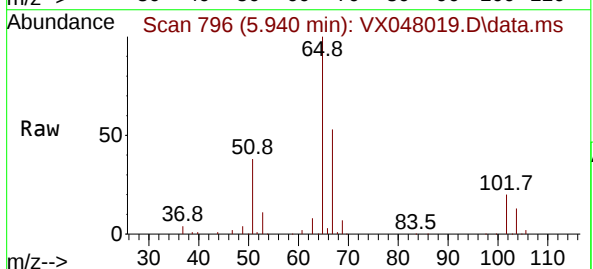
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion:168 Resp: 158010
Ion Ratio Lower Upper
168 100
99 63.2 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 52.957 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048019.D
Acq: 06 Oct 2025 13:25

Tgt Ion: 65 Resp: 133194
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0

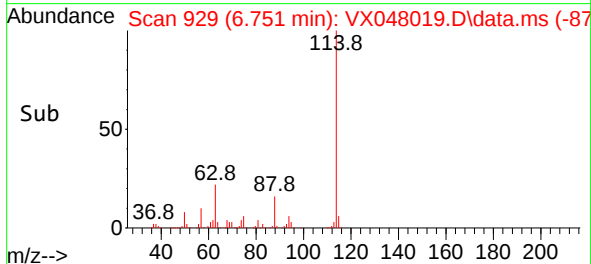
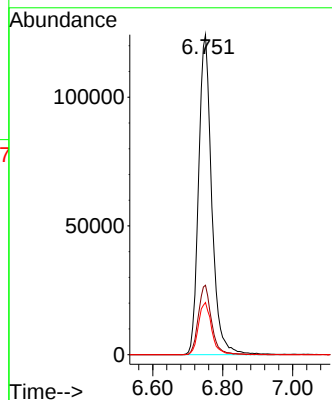
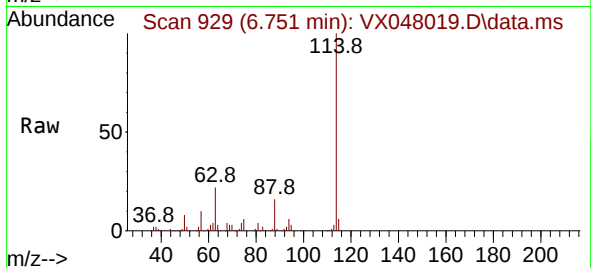




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048019.D
Acq: 06 Oct 2025 13:25

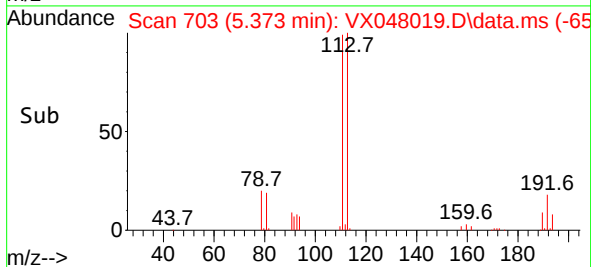
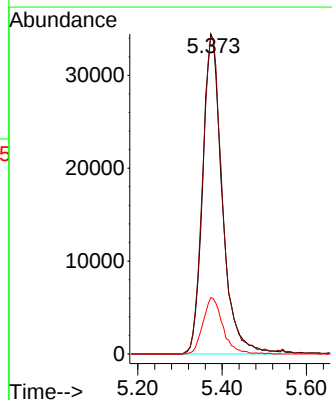
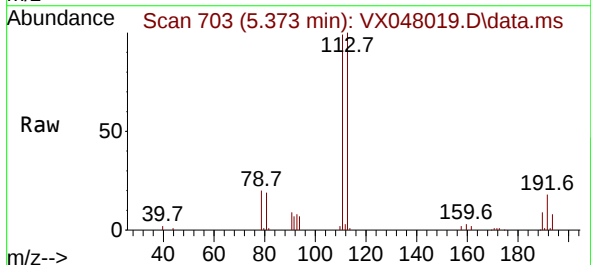
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion:114 Resp: 323217
Ion Ratio Lower Upper
114 100
63 21.7 0.0 44.0
88 16.3 0.0 34.2



#35
Dibromofluoromethane
Concen: 51.271 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048019.D
Acq: 06 Oct 2025 13:25

Tgt Ion:113 Resp: 111138
Ion Ratio Lower Upper
113 100
111 101.3 80.9 121.3
192 17.8 14.2 21.4

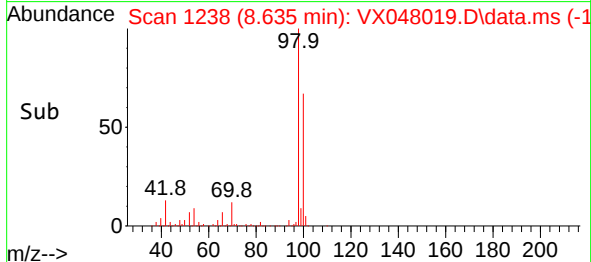
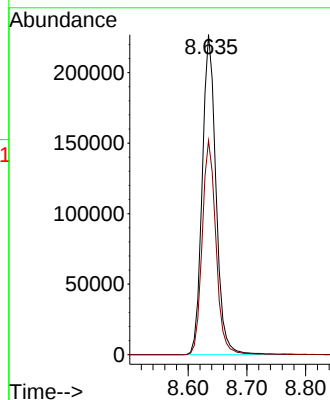
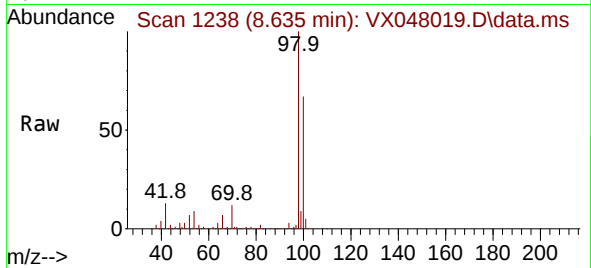




#50
Toluene-d8
Concen: 49.270 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048019.D
Acq: 06 Oct 2025 13:25

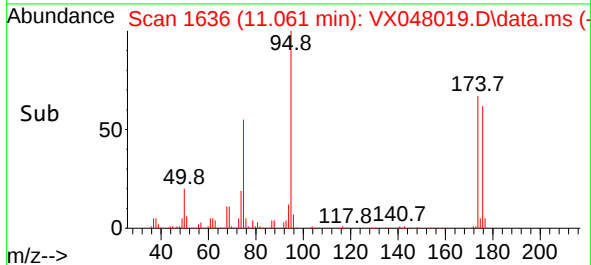
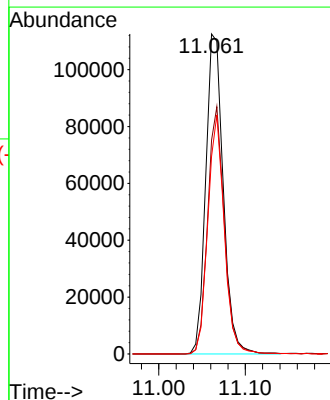
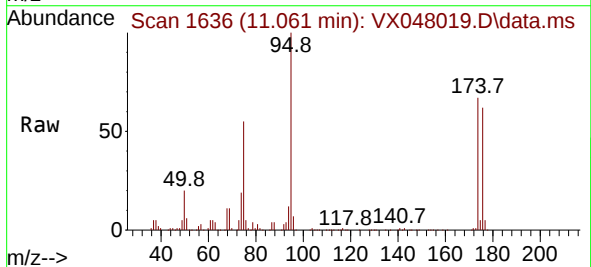
Instrument :
MSVOA_X
ClientSampleId :
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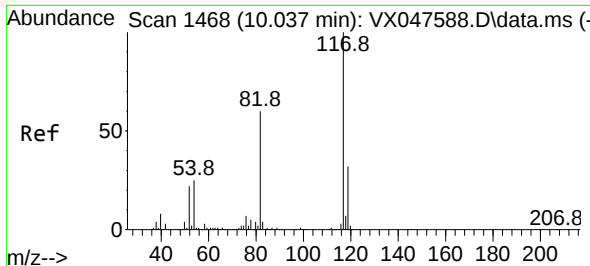
Tgt Ion: 98 Resp: 369554
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 55.509 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048019.D
Acq: 06 Oct 2025 13:25

Tgt Ion: 95 Resp: 158013
Ion Ratio Lower Upper
95 100
174 73.7 0.0 141.6
176 70.3 0.0 138.4

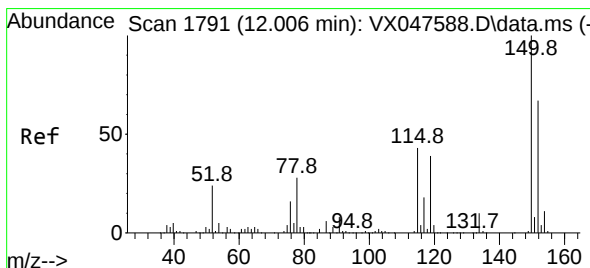
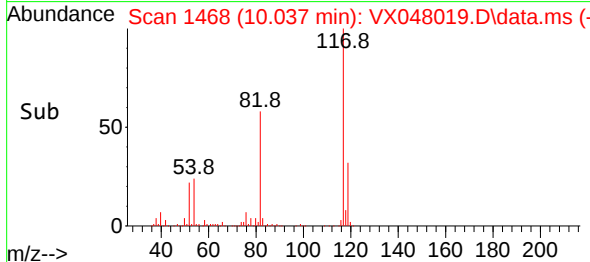
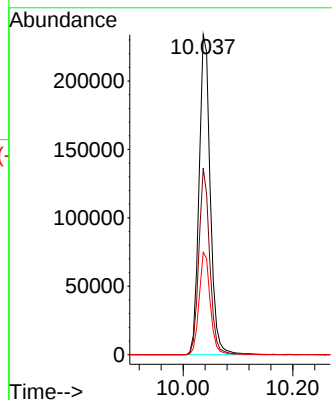
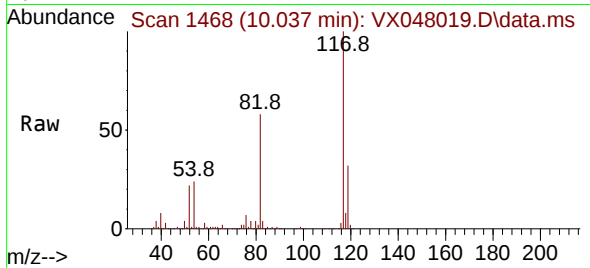




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048019.D
Acq: 06 Oct 2025 13:25

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Tgt Ion:117 Resp: 333156
Ion Ratio Lower Upper
117 100
82 58.3 47.8 71.6
119 31.9 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: VX048019.D
Acq: 06 Oct 2025 13:25

Tgt Ion:152 Resp: 168006
Ion Ratio Lower Upper
152 100
115 62.1 44.9 134.5
150 157.7 0.0 352.0

