

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030325\
 Data File : VX045108.D
 Acq On : 03 Mar 2025 13:23
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 04 05:22:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.537	168	81581	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.750	114	165592	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	153477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68603	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	66756	51.443	ug/l	-0.01
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.880%
35) Dibromofluoromethane	5.373	113	54967	49.642	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.280%
50) Toluene-d8	8.640	98	203220	50.625	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.240%
62) 4-Bromofluorobenzene	11.079	95	73061	54.925	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.840%

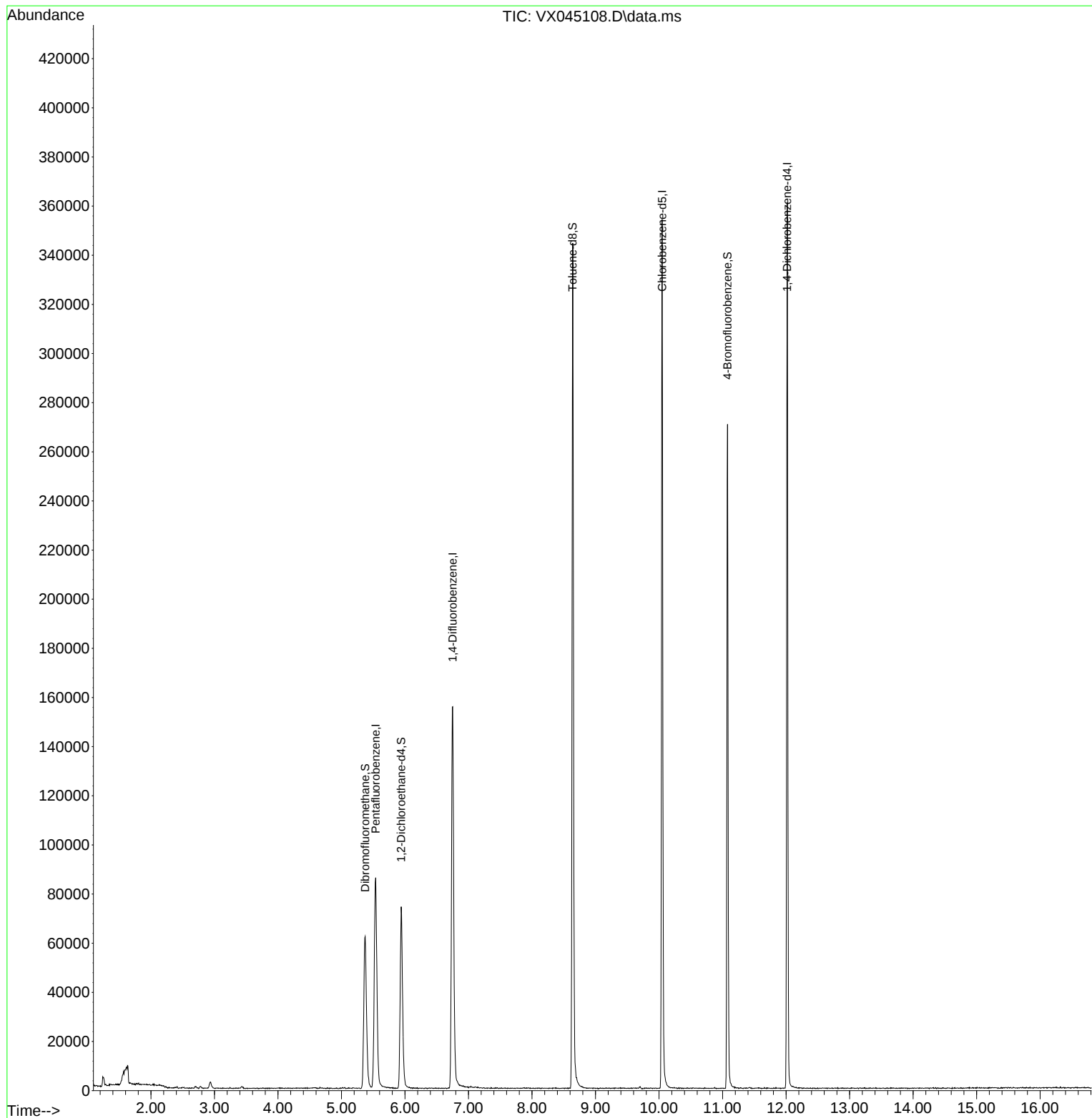
Target Compounds	Qvalue

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

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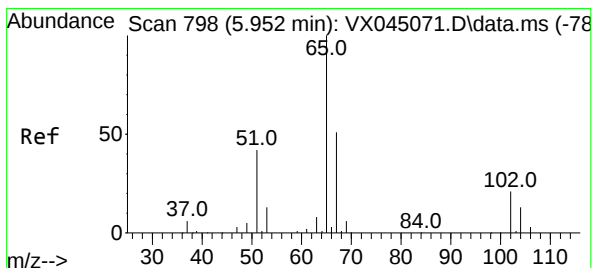
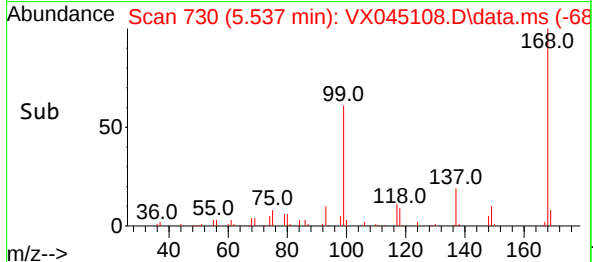
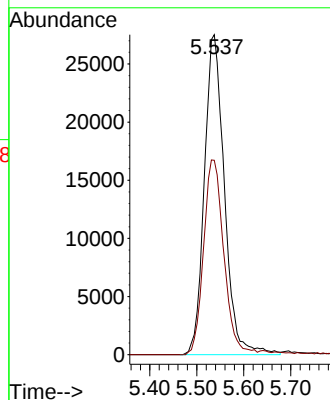
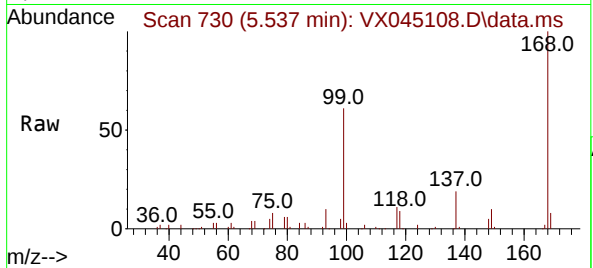




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 710
Delta R.T. -0.013 min
Lab File: VX045108.D
Acq: 03 Mar 2025 13:23

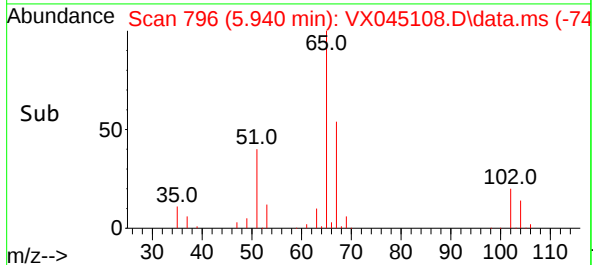
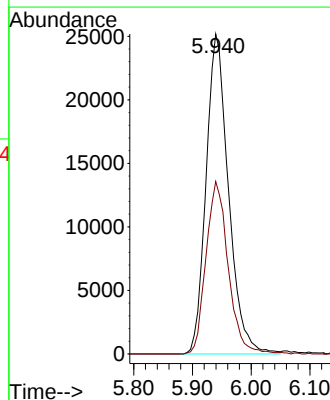
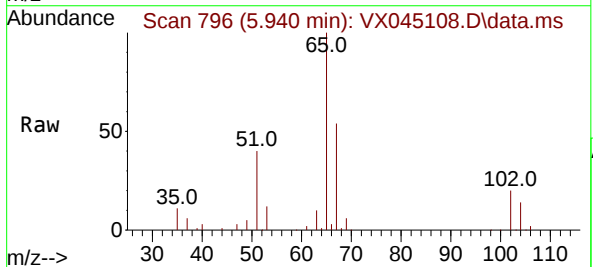
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 81581
Ion Ratio Lower Upper
168 100
99 60.8 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 51.443 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.013 min
Lab File: VX045108.D
Acq: 03 Mar 2025 13:23

Tgt Ion: 65 Resp: 66756
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.2

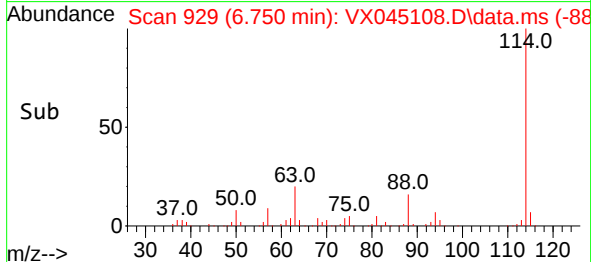
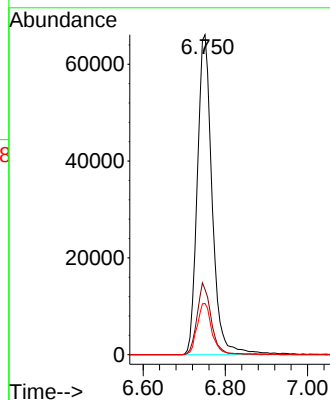
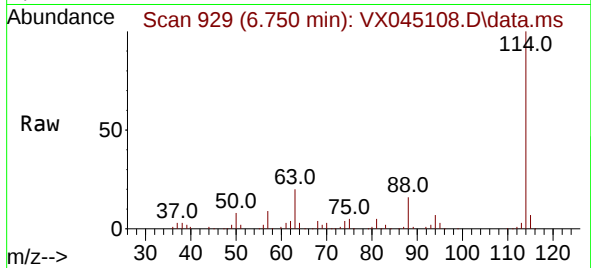




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 91
Delta R.T. -0.007 min
Lab File: VX045108.D
Acq: 03 Mar 2025 13:23

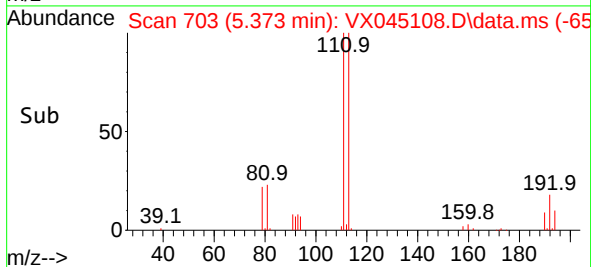
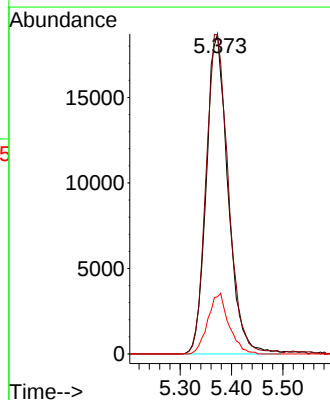
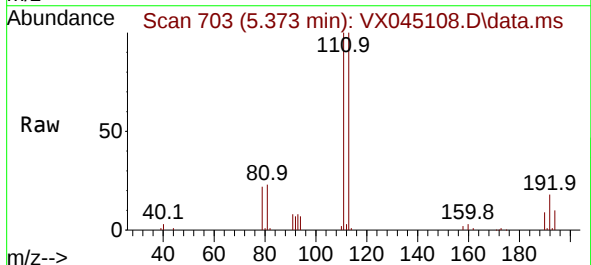
Instrument :
MSVOA_X
ClientSampleId :
IBLK

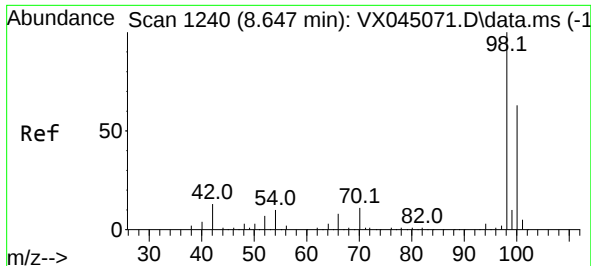
Tgt Ion:114 Resp: 165592
Ion Ratio Lower Upper
114 100
63 20.4 0.0 41.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.642 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.013 min
Lab File: VX045108.D
Acq: 03 Mar 2025 13:23

Tgt Ion:113 Resp: 54967
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.6
192 18.3 14.3 21.5

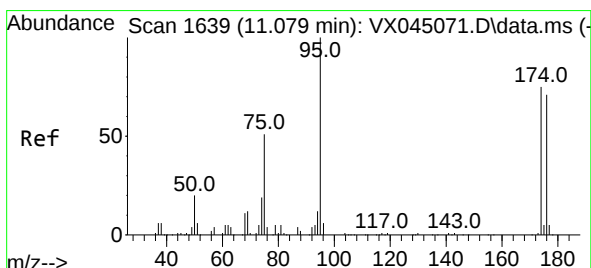
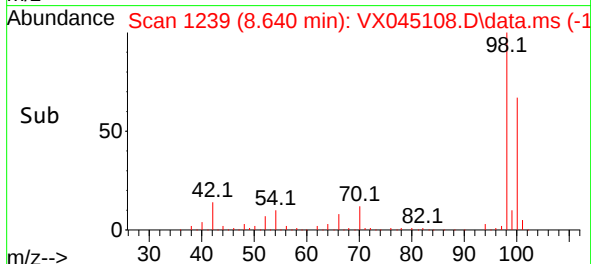
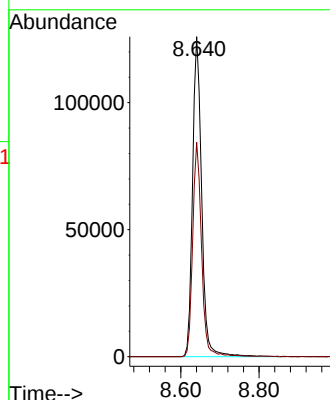
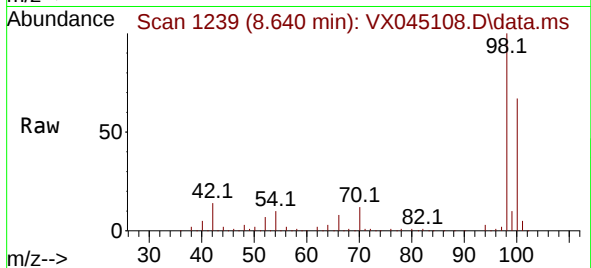




#50
Toluene-d8
Concen: 50.625 ug/l
RT: 8.640 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX045108.D
Acq: 03 Mar 2025 13:23

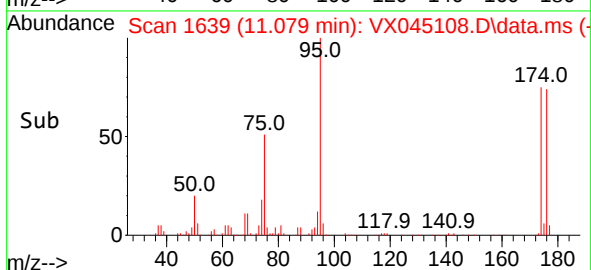
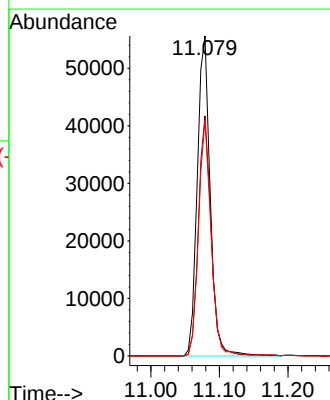
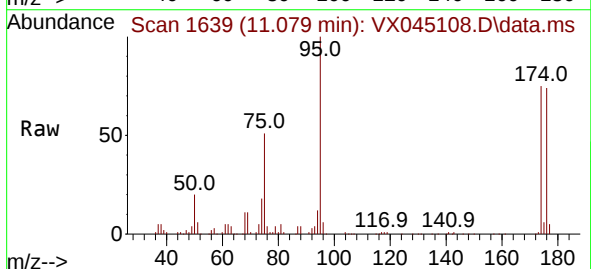
Instrument :
MSVOA_X
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IBLK

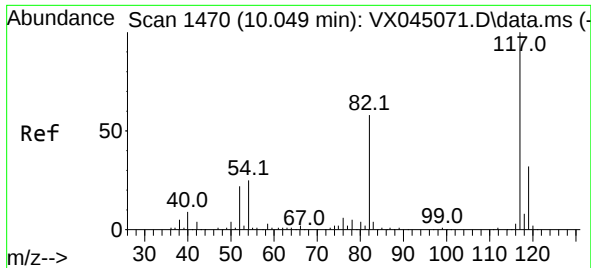
Tgt Ion: 98 Resp: 203220
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 54.925 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045108.D
Acq: 03 Mar 2025 13:23

Tgt Ion: 95 Resp: 73061
Ion Ratio Lower Upper
95 100
174 74.2 0.0 148.2
176 71.2 0.0 141.4

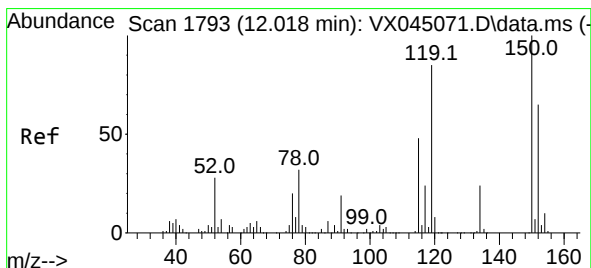
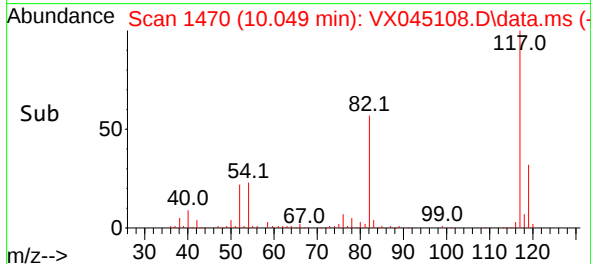
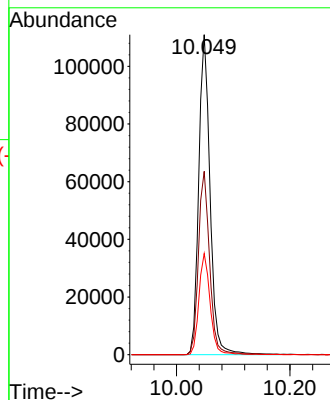
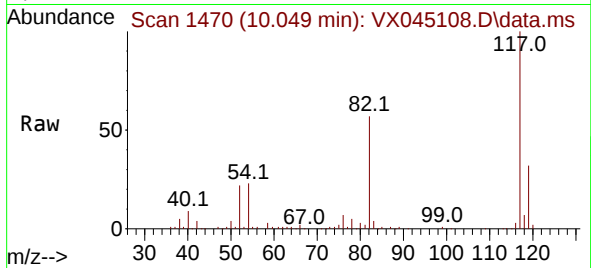




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045108.D
Acq: 03 Mar 2025 13:23

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 153477
Ion Ratio Lower Upper
117 100
82 57.3 46.3 69.5
119 31.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045108.D
Acq: 03 Mar 2025 13:23

Tgt Ion:152 Resp: 68603
Ion Ratio Lower Upper
152 100
115 61.8 44.2 132.6
150 158.4 0.0 349.0

