

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
 Data File : VX046155.D
 Acq On : 13 May 2025 10:52
 Operator : JC/MD
 Sample : VX0513WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBL01

Quant Time: May 14 01:35:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	67277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133345	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52712	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	67481	53.801	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.600%
35) Dibromofluoromethane	5.379	113	49414	51.461	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.920%
50) Toluene-d8	8.647	98	167575	50.422	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.840%
62) 4-Bromofluorobenzene	11.079	95	63997	50.200	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.400%

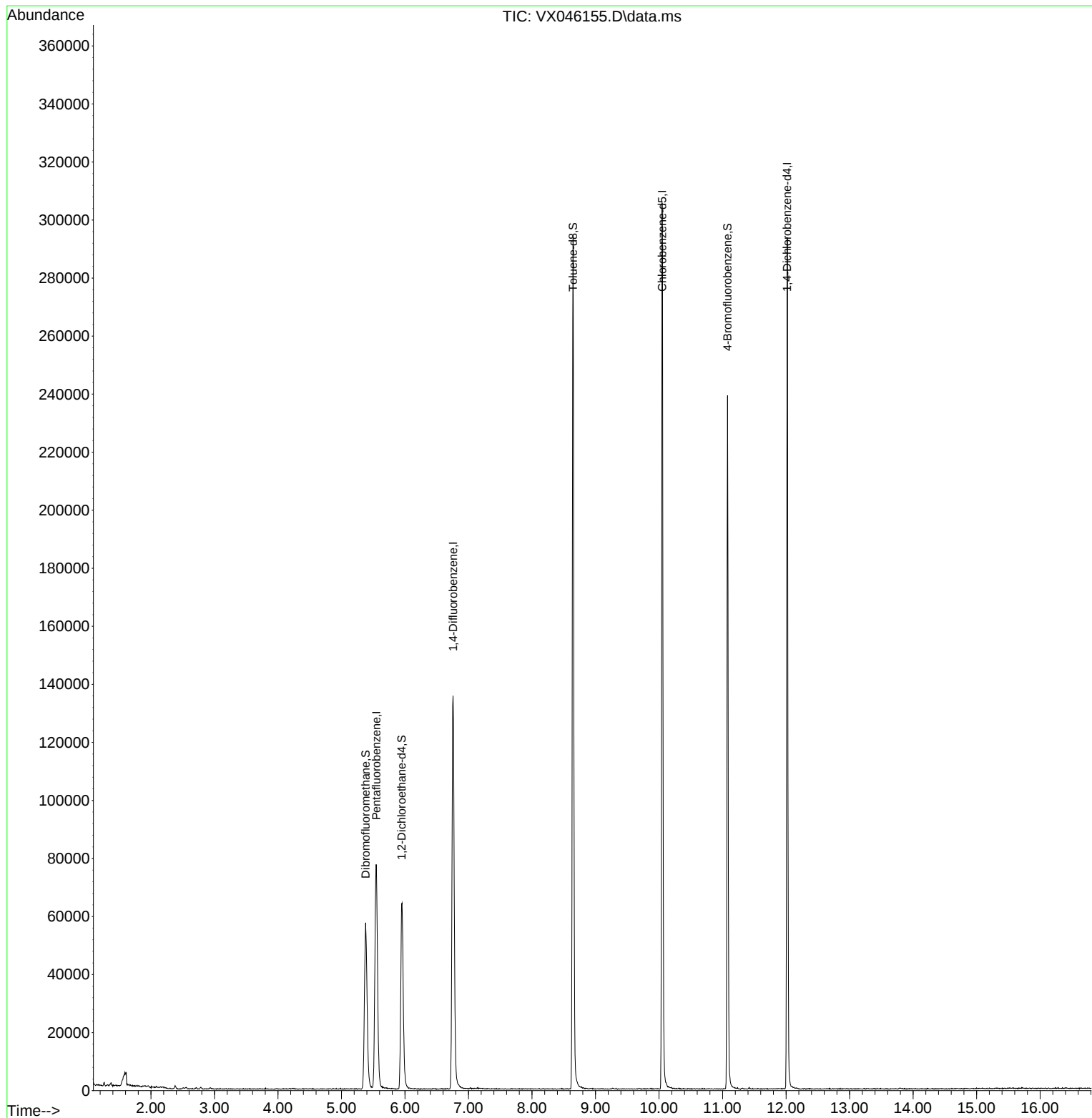
Target Compounds	Qvalue

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

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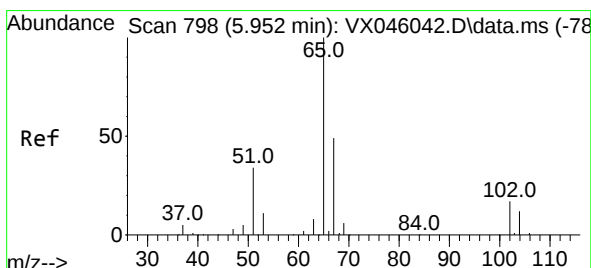
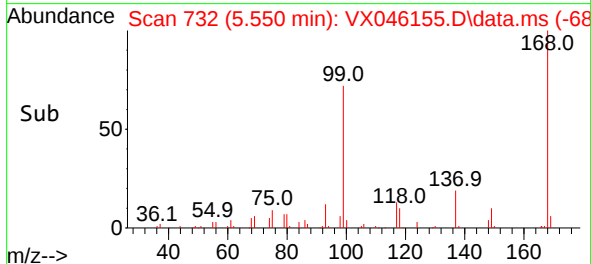
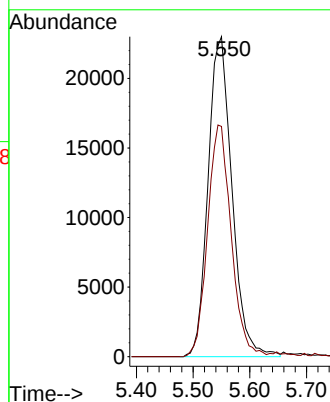
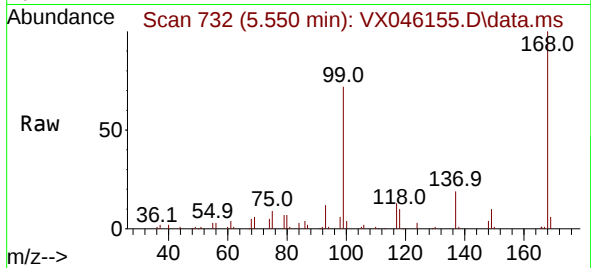




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

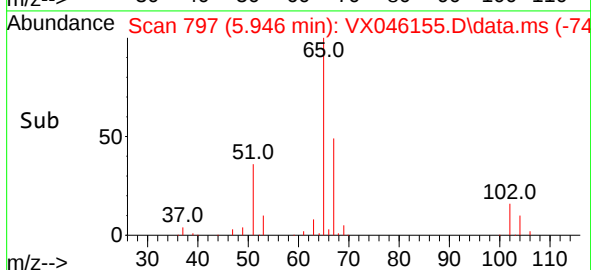
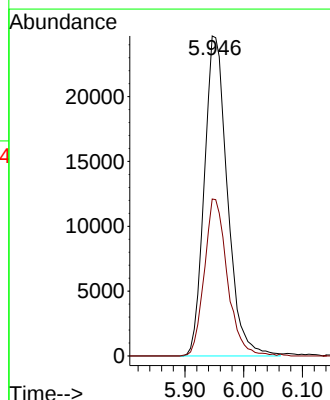
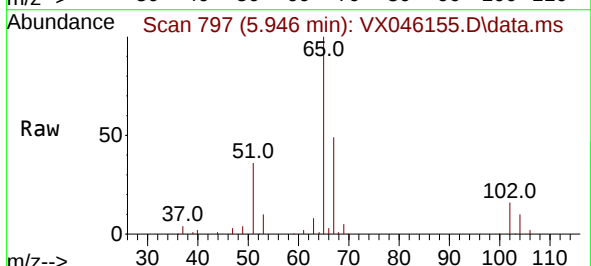
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL01

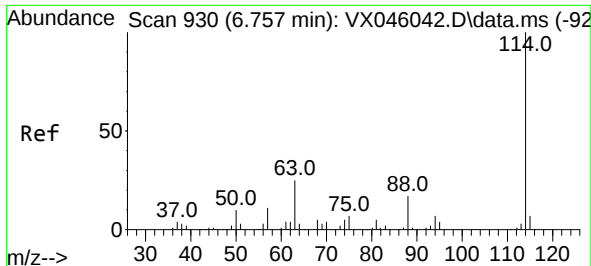
Tgt Ion:168 Resp: 67277
Ion Ratio Lower Upper
168 100
99 72.0 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 53.801 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

Tgt Ion: 65 Resp: 67481
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.0

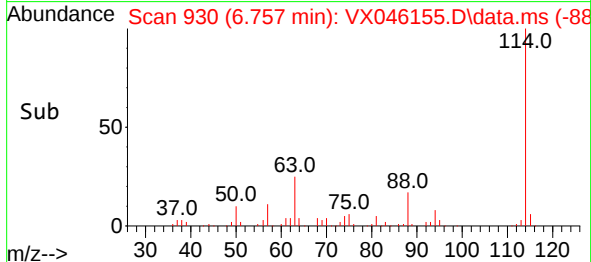
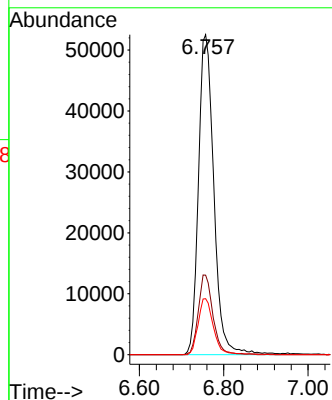
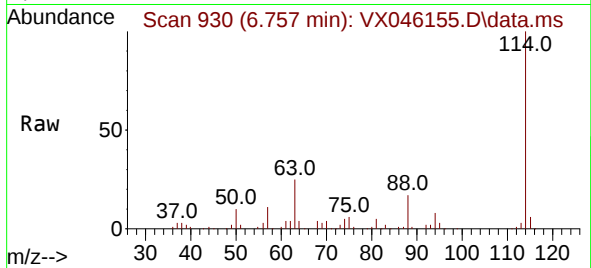




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

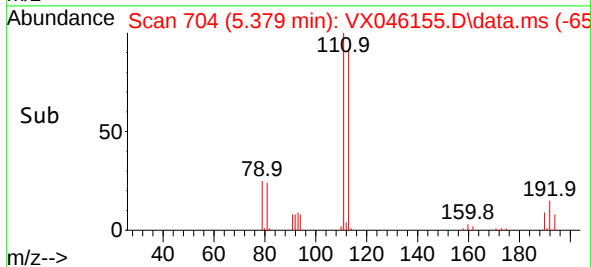
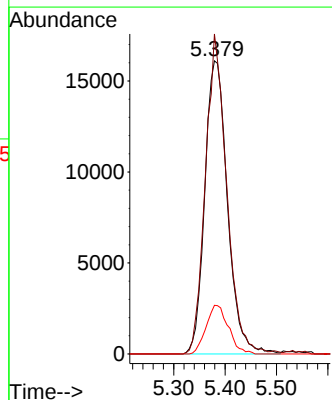
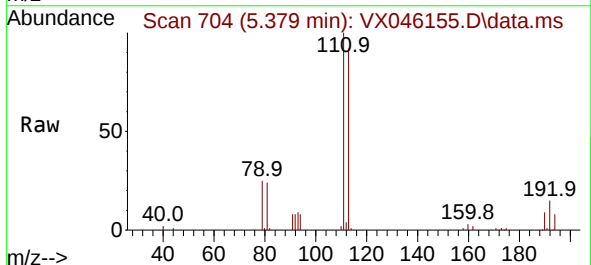
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL01

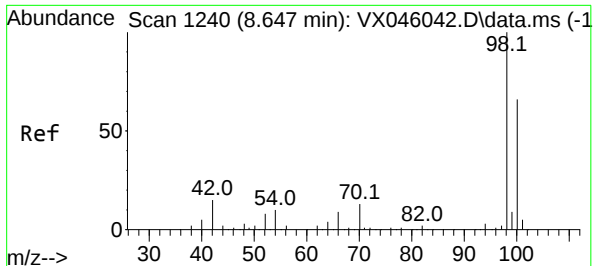
Tgt Ion:114 Resp: 133345
Ion Ratio Lower Upper
114 100
63 24.8 0.0 49.2
88 17.5 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.461 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

Tgt Ion:113 Resp: 49414
Ion Ratio Lower Upper
113 100
111 102.3 83.1 124.7
192 16.3 13.3 19.9

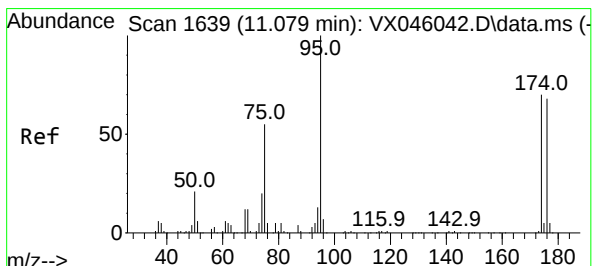
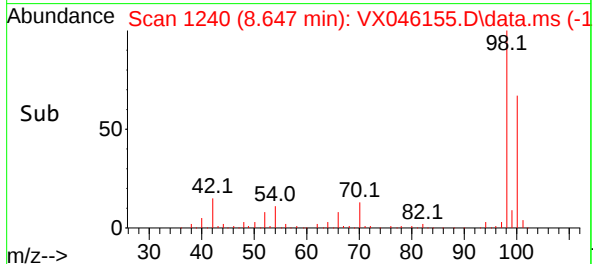
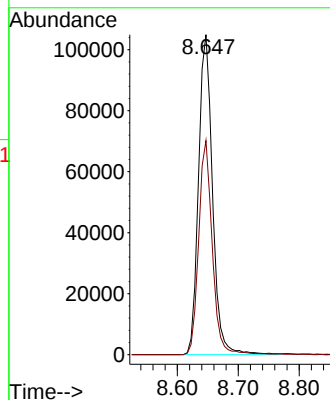
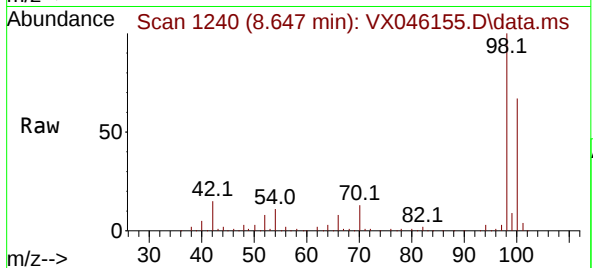




#50
Toluene-d8
Concen: 50.422 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

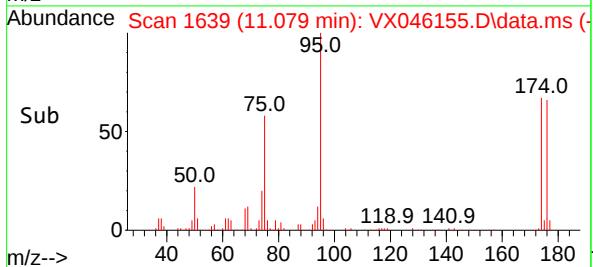
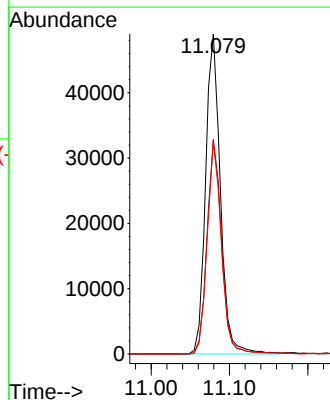
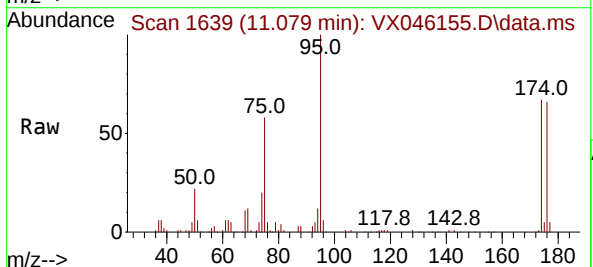
Instrument :
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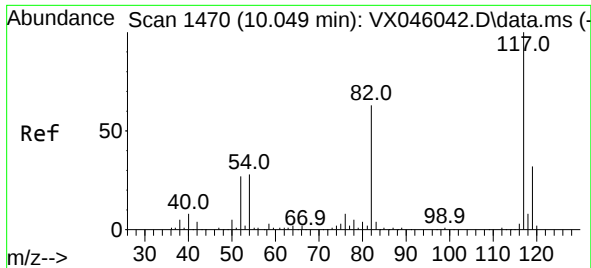
Tgt Ion: 98 Resp: 167575
Ion Ratio Lower Upper
98 100
100 64.8 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 50.200 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

Tgt Ion: 95 Resp: 63997
Ion Ratio Lower Upper
95 100
174 66.6 0.0 135.8
176 64.1 0.0 131.4

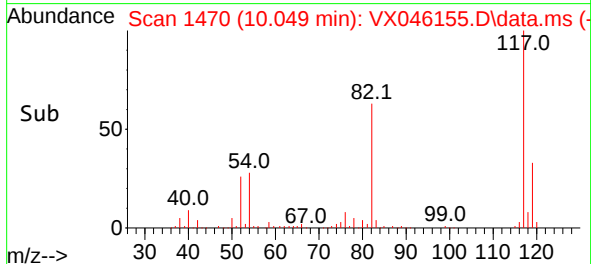
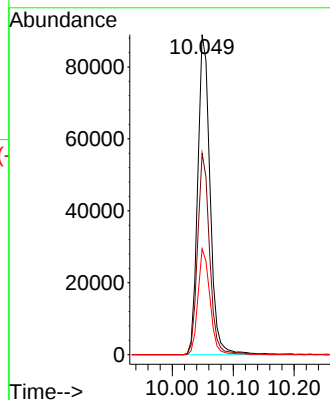
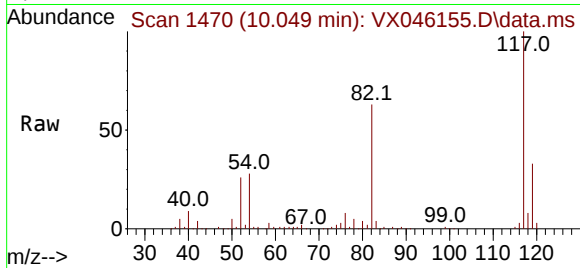




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL01

Tgt Ion:117 Resp: 124650
Ion Ratio Lower Upper
117 100
82 62.9 50.6 76.0
119 33.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

Tgt Ion:152 Resp: 52712
Ion Ratio Lower Upper
152 100
115 65.3 46.9 140.7
150 158.4 0.0 351.0

