

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
 Data File : VX045907.D
 Acq On : 23 Apr 2025 13:04
 Operator : JC/MD
 Sample : Q1837-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Apr 24 02:14:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	64952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126402	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	114402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	44728	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64204	54.053	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.100%
35) Dibromofluoromethane	5.379	113	45530	50.768	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.540%
50) Toluene-d8	8.647	98	159117	50.832	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.660%
62) 4-Bromofluorobenzene	11.079	95	55851	48.984	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.960%

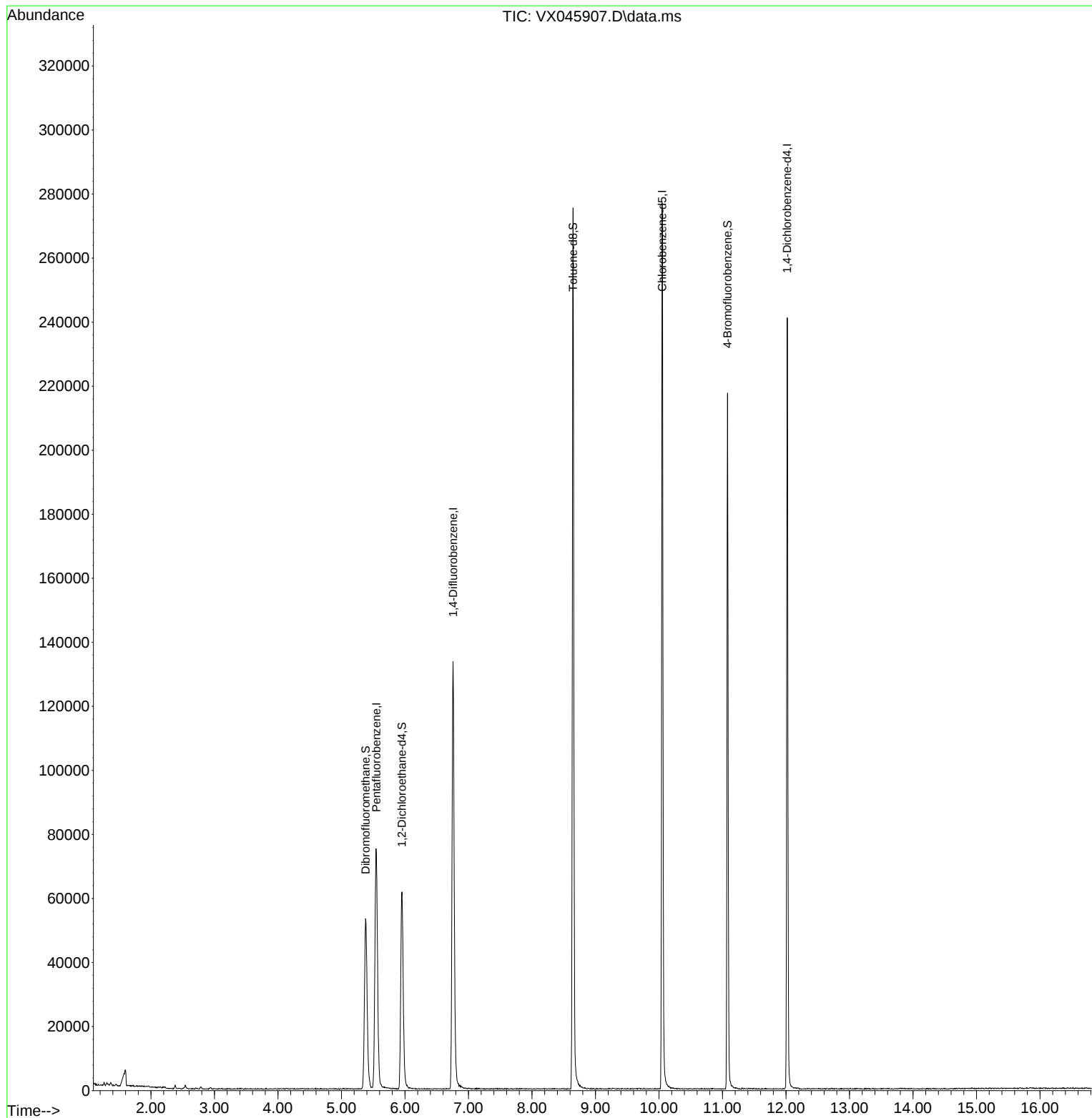
Target Compounds	Qvalue

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

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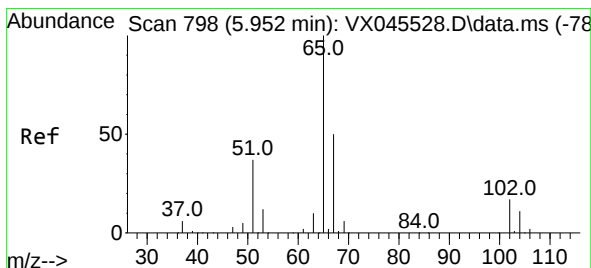
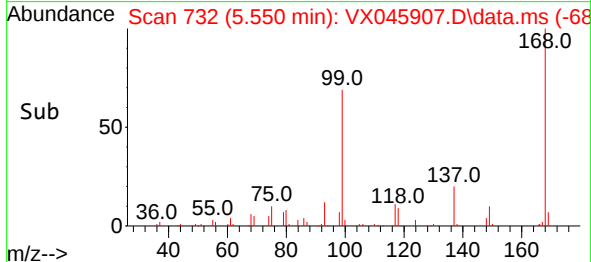
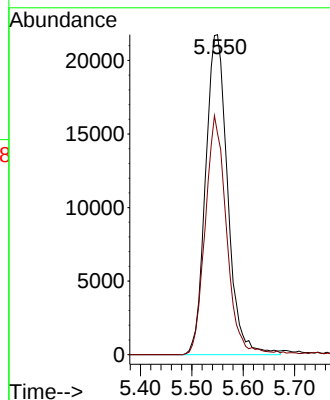
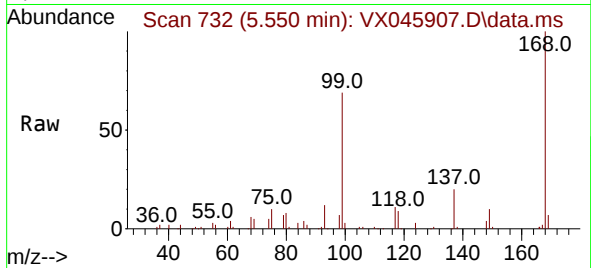




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045907.D
Acq: 23 Apr 2025 13:04

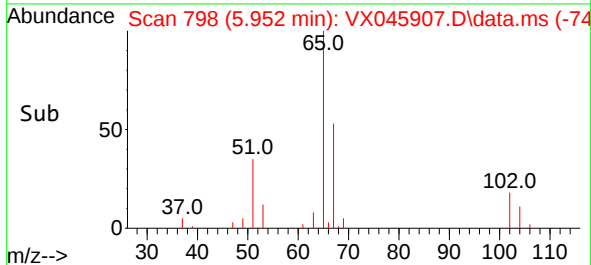
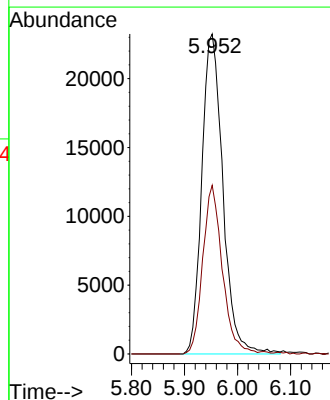
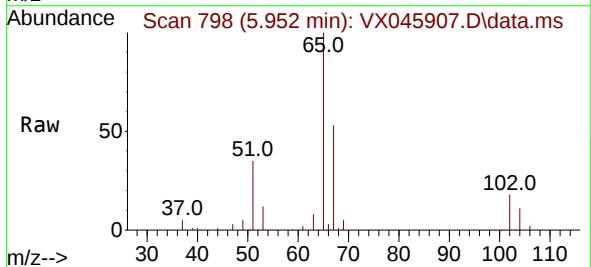
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 64952
Ion Ratio Lower Upper
168 100
99 69.2 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 54.053 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045907.D
Acq: 23 Apr 2025 13:04

Tgt Ion: 65 Resp: 64204
Ion Ratio Lower Upper
65 100
67 49.0 0.0 99.0

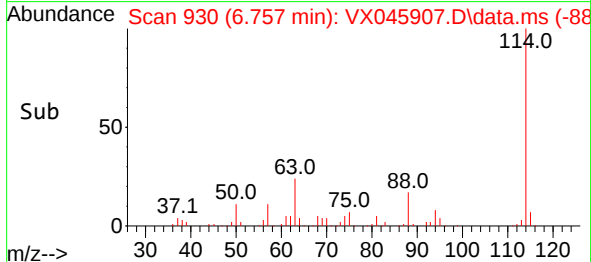
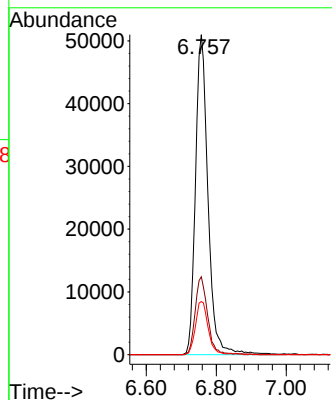
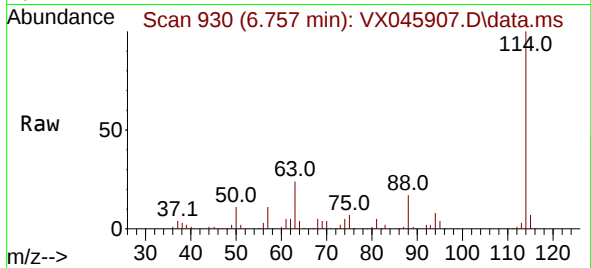




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 914
Delta R.T. 0.000 min
Lab File: VX045907.D
Acq: 23 Apr 2025 13:04

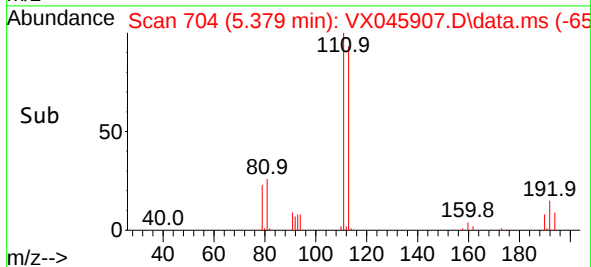
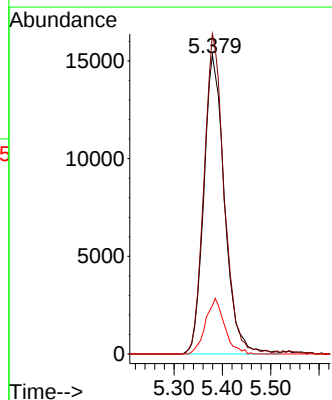
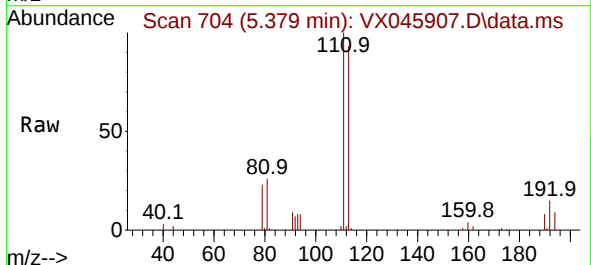
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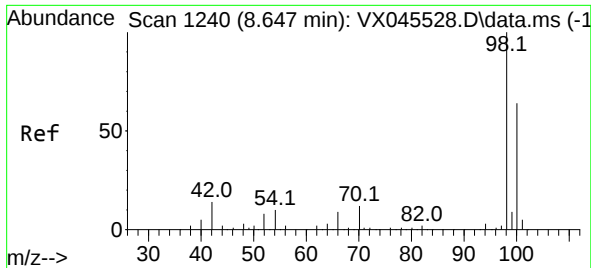
Tgt Ion:114 Resp: 126402
Ion Ratio Lower Upper
114 100
63 24.4 0.0 46.8
88 16.6 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.768 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045907.D
Acq: 23 Apr 2025 13:04

Tgt Ion:113 Resp: 45530
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.6
192 17.1 13.8 20.6

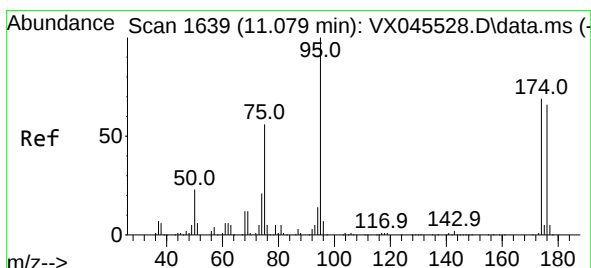
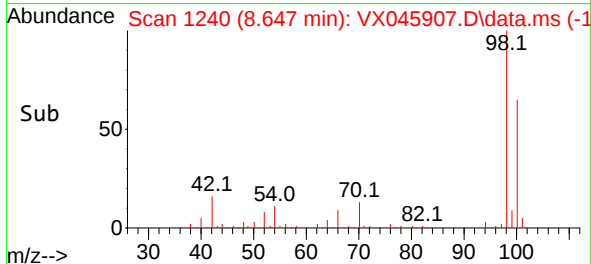
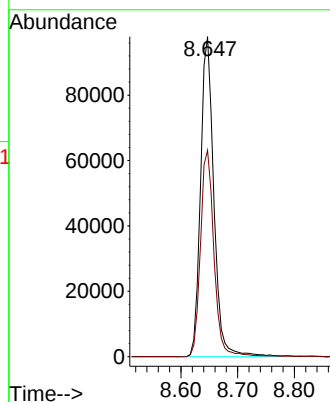
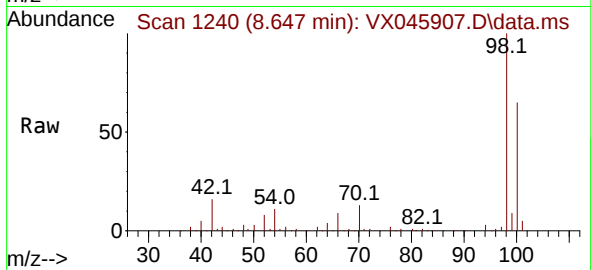




#50
Toluene-d8
Concen: 50.832 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045907.D
Acq: 23 Apr 2025 13:04

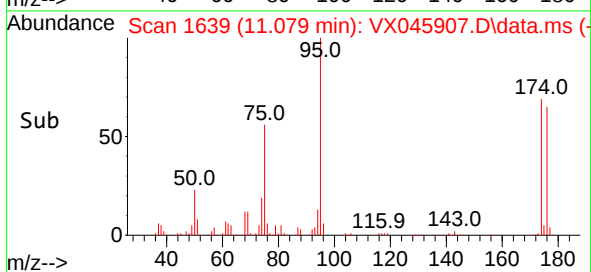
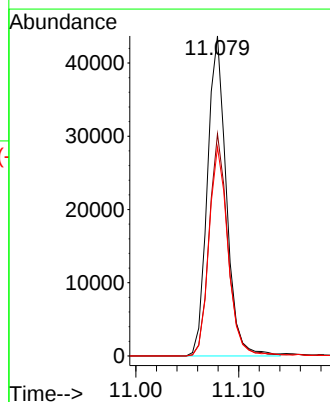
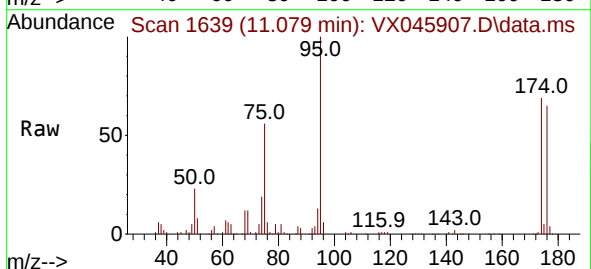
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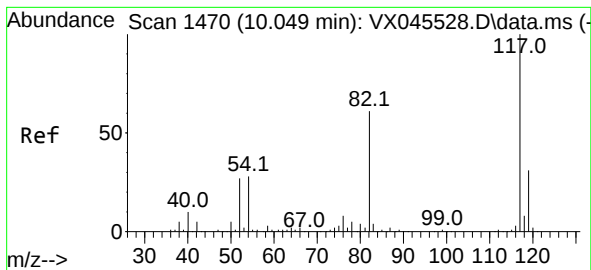
Tgt Ion: 98 Resp: 159117
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 48.984 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045907.D
Acq: 23 Apr 2025 13:04

Tgt Ion: 95 Resp: 55851
Ion Ratio Lower Upper
95 100
174 68.3 0.0 135.8
176 65.9 0.0 131.4

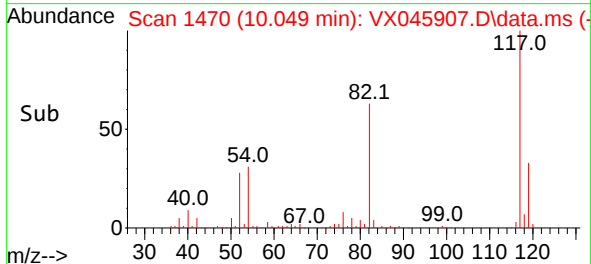
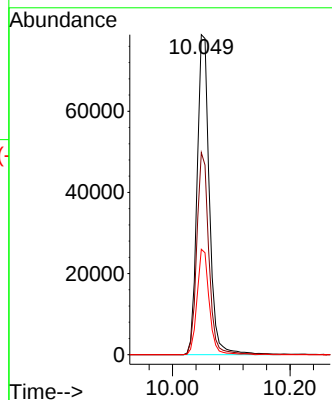
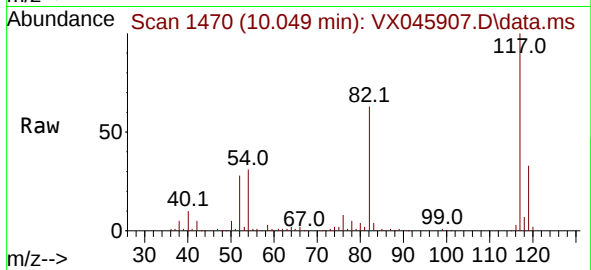




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045907.D
Acq: 23 Apr 2025 13:04

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:117 Resp: 114402
Ion Ratio Lower Upper
117 100
82 63.1 49.2 73.8
119 33.0 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045907.D
Acq: 23 Apr 2025 13:04

Tgt Ion:152 Resp: 44728
Ion Ratio Lower Upper
152 100
115 64.8 46.9 140.7
150 158.6 0.0 349.4

