

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045553.D
 Acq On : 02 Apr 2025 17:37
 Operator : JC/MD
 Sample : Q1623-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

Quant Time: Apr 03 01:56:04 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	67523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134950	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64067	51.884	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.760%
35) Dibromofluoromethane	5.385	113	46851	48.932	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.860%
50) Toluene-d8	8.647	98	162487	48.620	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.240%
62) 4-Bromofluorobenzene	11.079	95	59064	48.520	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.040%

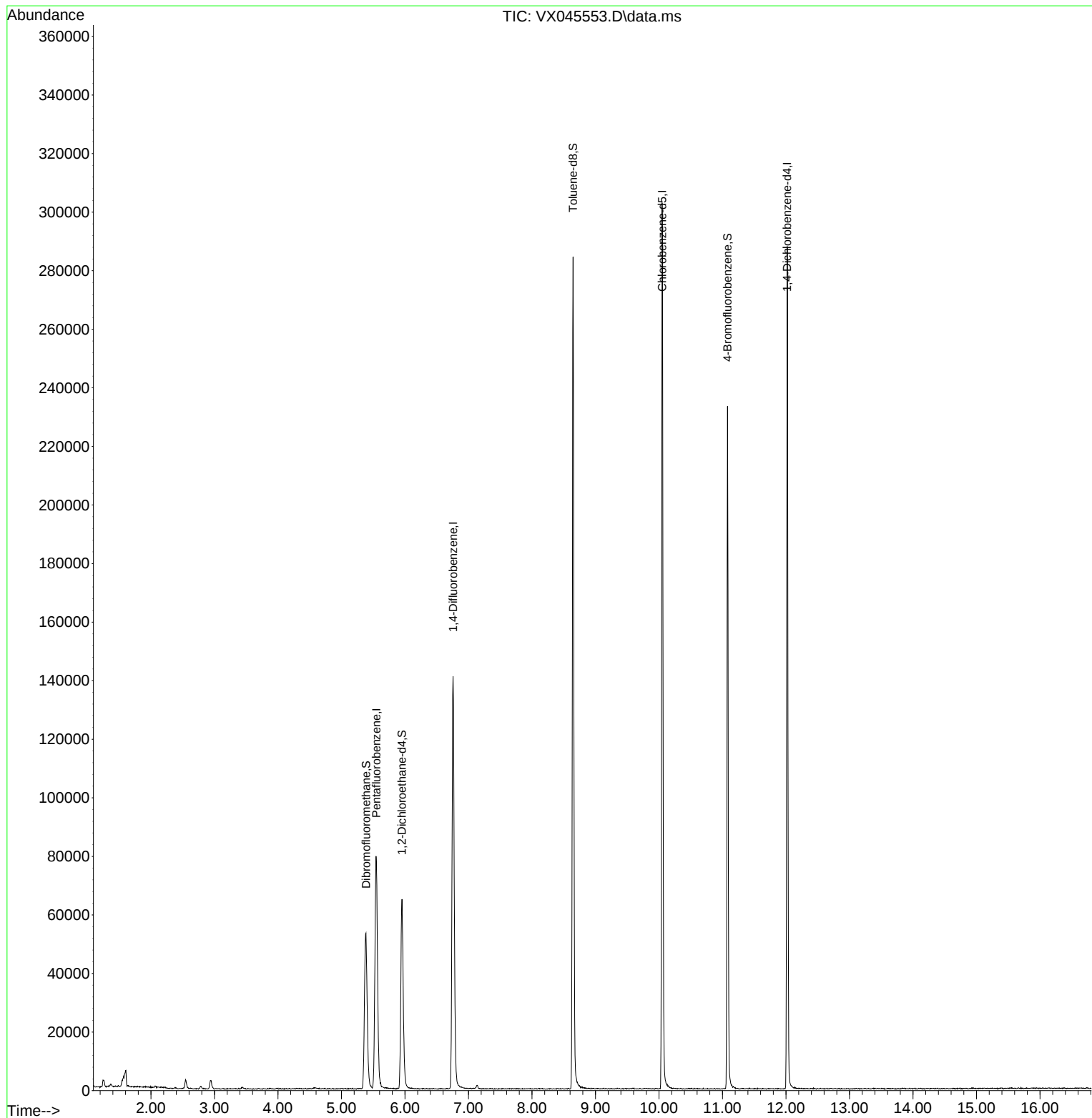
Target Compounds	Qvalue

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

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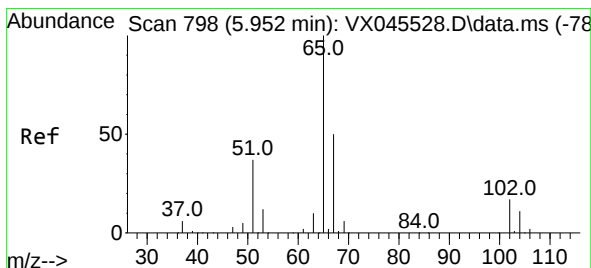
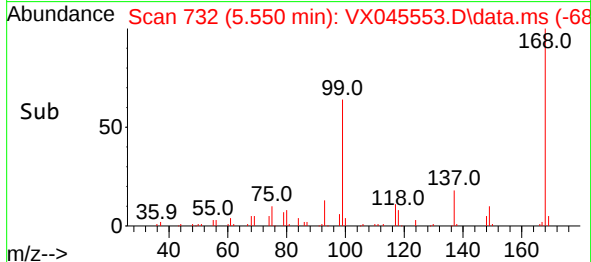
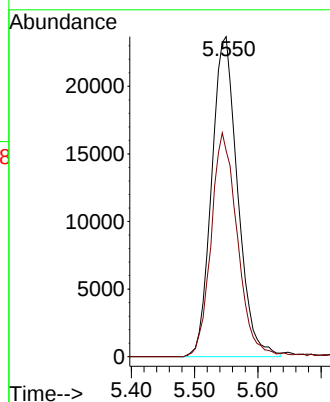
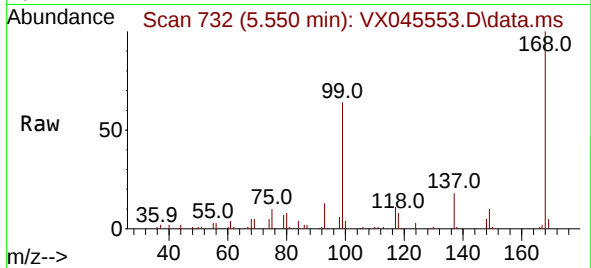




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX045553.D
Acq: 02 Apr 2025 17:37

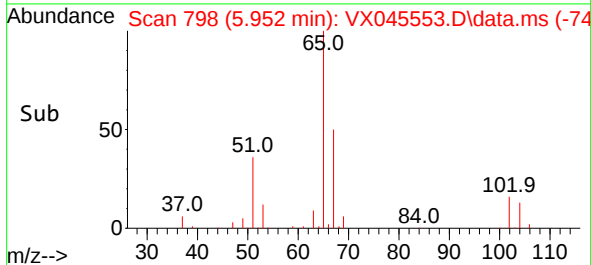
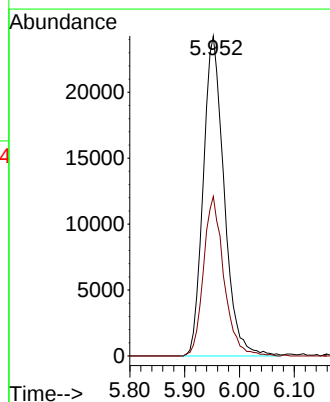
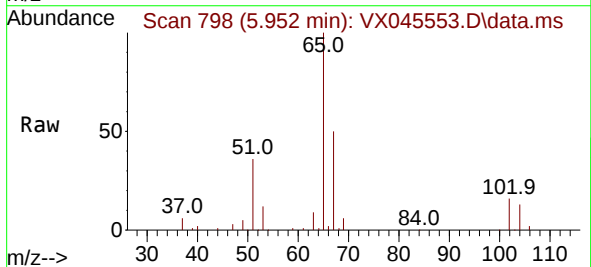
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

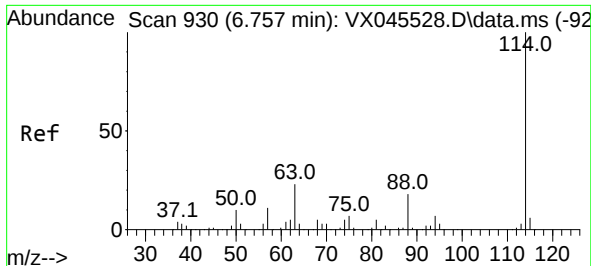
Tgt Ion:168 Resp: 67523
Ion Ratio Lower Upper
168 100
99 64.4 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 51.884 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045553.D
Acq: 02 Apr 2025 17:37

Tgt Ion: 65 Resp: 64067
Ion Ratio Lower Upper
65 100
67 48.7 0.0 99.0

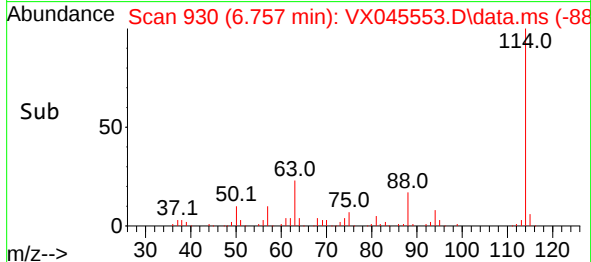
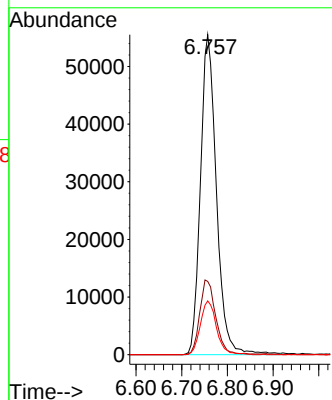
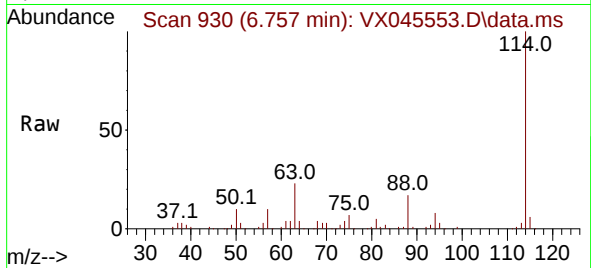




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX045553.D
 Acq: 02 Apr 2025 17:37

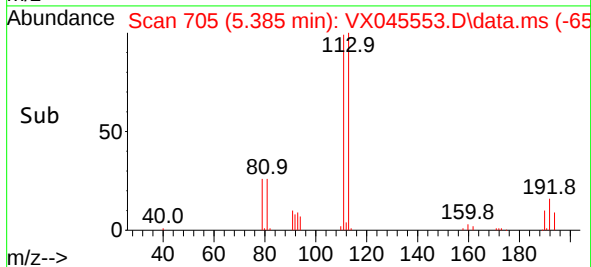
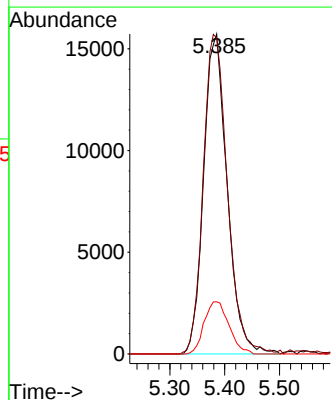
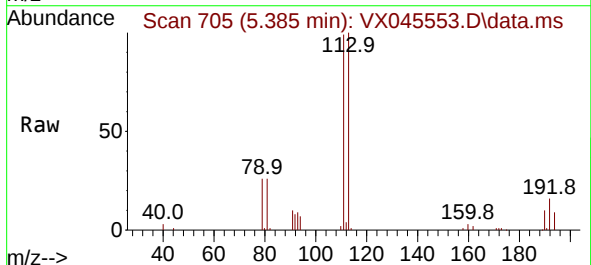
Instrument :
 MSVOA_X
 ClientSampleId :
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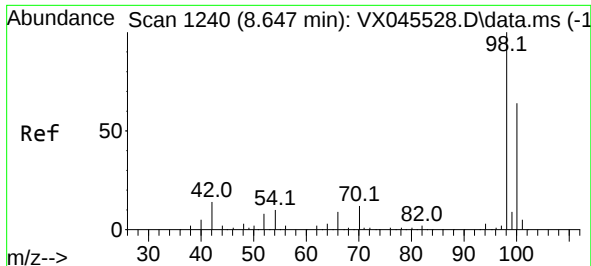
Tgt Ion:114 Resp: 134950
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 46.8
 88 16.8 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 48.932 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX045553.D
 Acq: 02 Apr 2025 17:37

Tgt Ion:113 Resp: 46851
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.8 122.6
 192 17.2 13.8 20.6

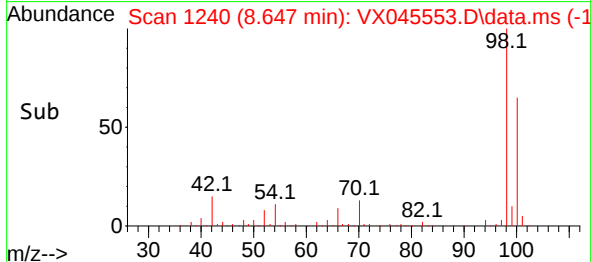
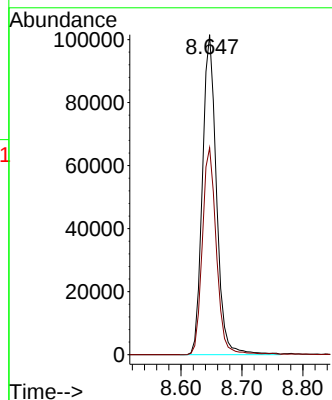
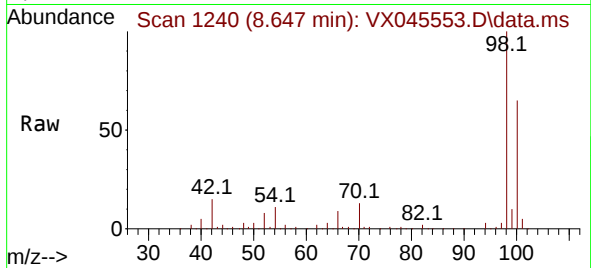




#50
Toluene-d8
Concen: 48.620 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045553.D
Acq: 02 Apr 2025 17:37

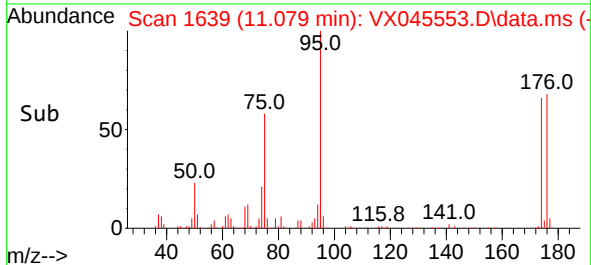
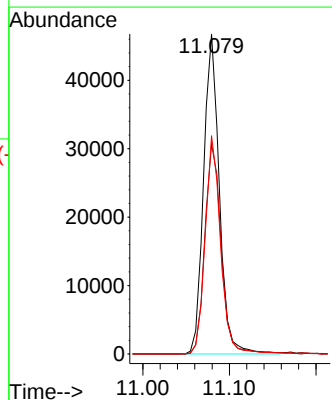
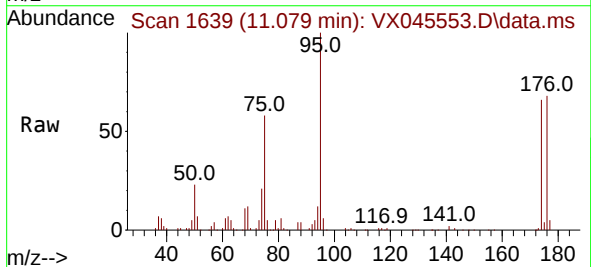
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

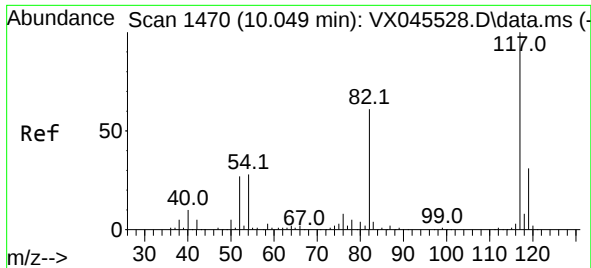
Tgt Ion: 98 Resp: 162487
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 48.520 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045553.D
Acq: 02 Apr 2025 17:37

Tgt Ion: 95 Resp: 59064
Ion Ratio Lower Upper
95 100
174 68.7 0.0 135.8
176 67.0 0.0 131.4

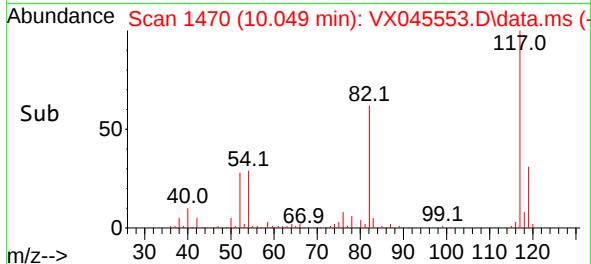
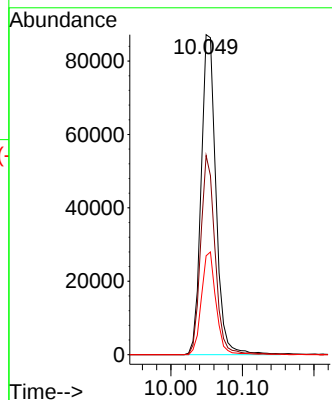
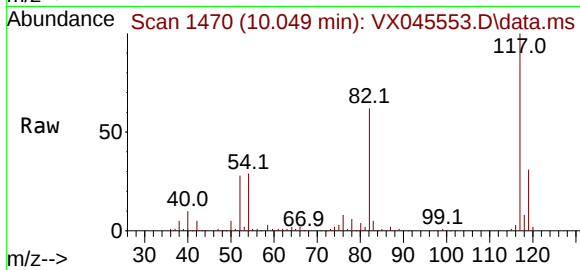




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045553.D
Acq: 02 Apr 2025 17:37

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

Tgt Ion:117 Resp: 125307
Ion Ratio Lower Upper
117 100
82 62.3 49.2 73.8
119 30.9 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: VX045553.D
Acq: 02 Apr 2025 17:37

Tgt Ion:152 Resp: 52009
Ion Ratio Lower Upper
152 100
115 66.1 46.9 140.7
150 159.0 0.0 349.4

