

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039449.D
 Acq On : 22 Dec 2023 18:44
 Operator : JC/MD
 Sample : 05975-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RT-MW-03-122023

Quant Time: Dec 23 06:29:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	96994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	208782	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108617	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90536	50.953	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.900%
35) Dibromofluoromethane	5.385	113	69259	48.018	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.040%
50) Toluene-d8	8.647	98	268929	50.222	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.440%
62) 4-Bromofluorobenzene	11.079	95	118556	53.660	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.320%

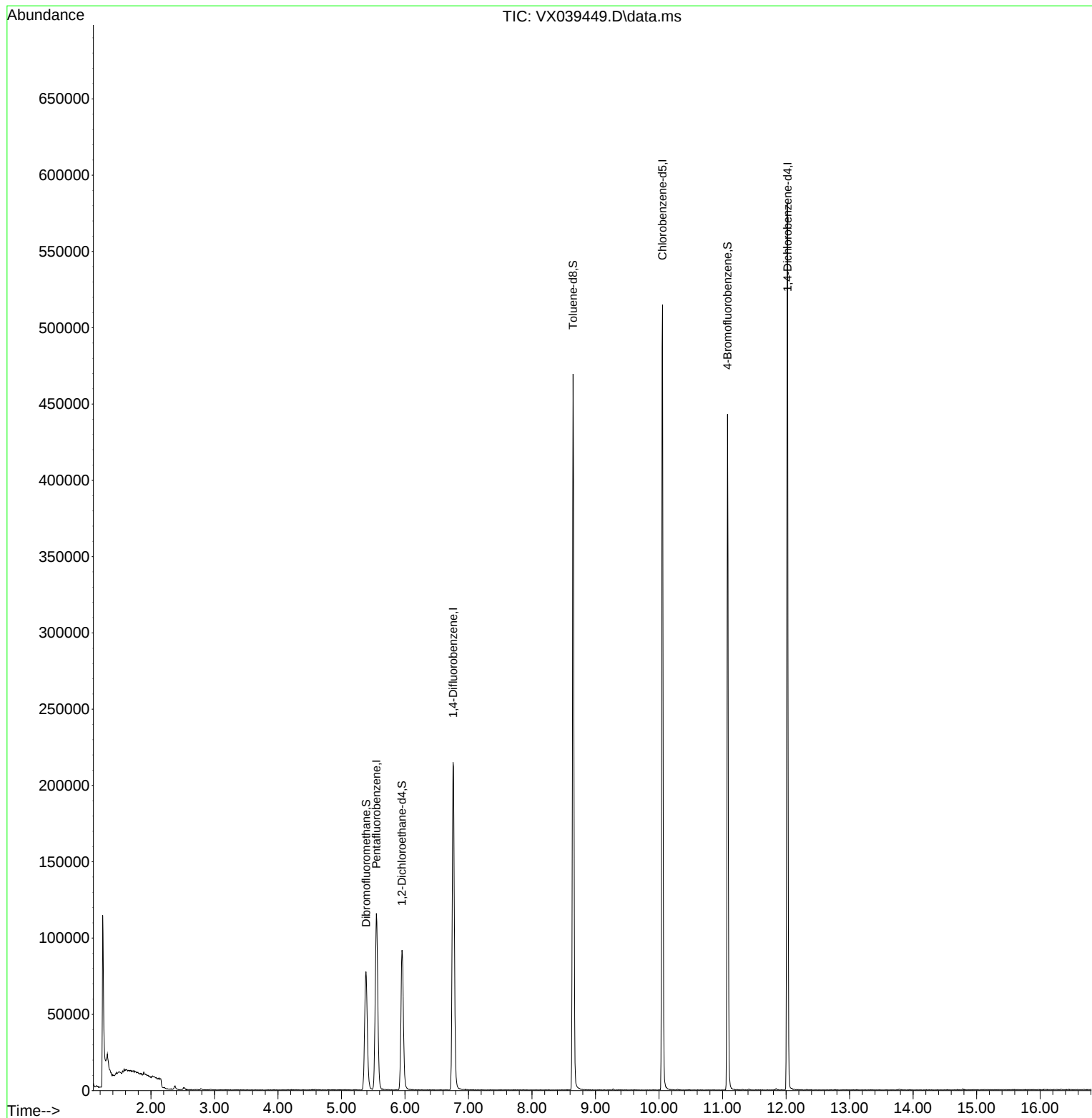
Target Compounds	Qvalue

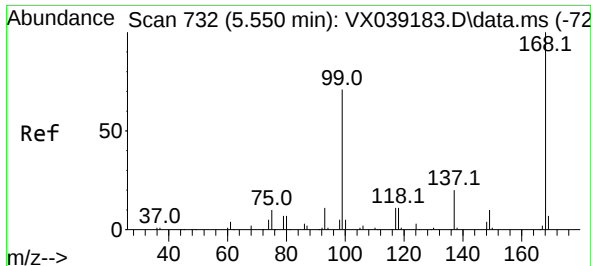
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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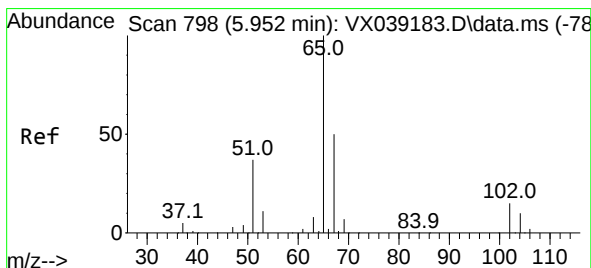
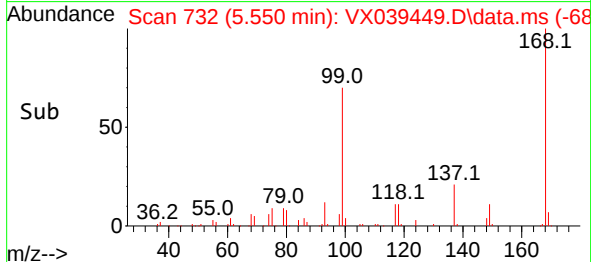
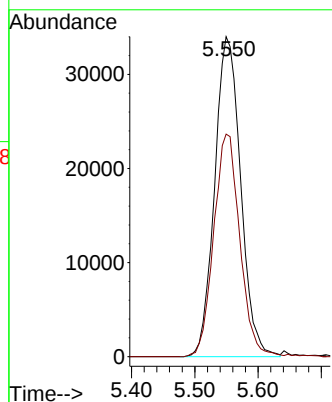
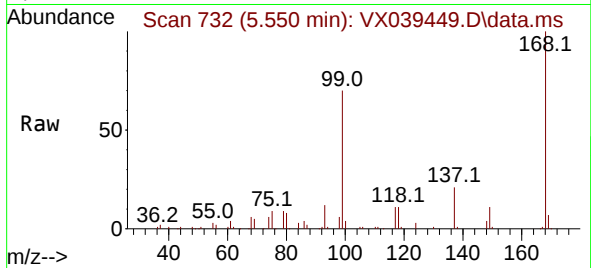




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.550 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VX039449.D
 Acq: 22 Dec 2023 18:44

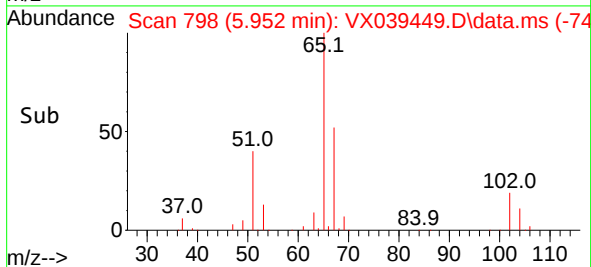
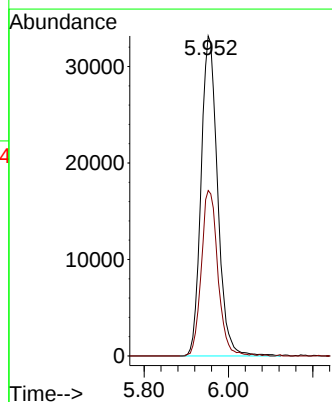
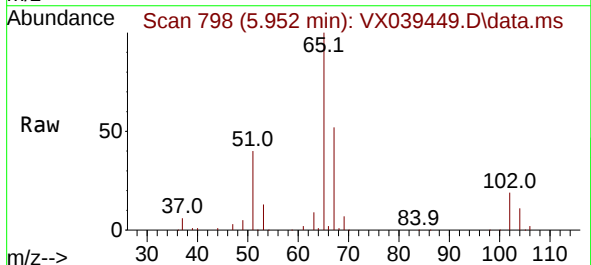
Instrument :
 MSVOA_X
 ClientSampleId :
 RT-MW-03-122023

Tgt Ion:168 Resp: 96994
 Ion Ratio Lower Upper
 168 100
 99 69.6 56.6 85.0



#33
 1,2-Dichloroethane-d4
 Concen: 50.953 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX039449.D
 Acq: 22 Dec 2023 18:44

Tgt Ion: 65 Resp: 90536
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.2

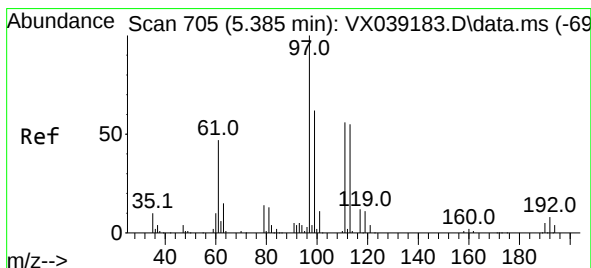
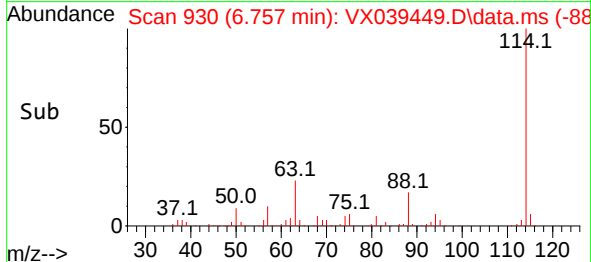
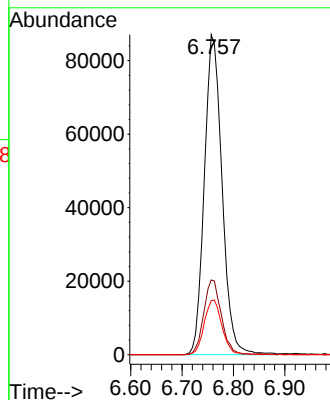
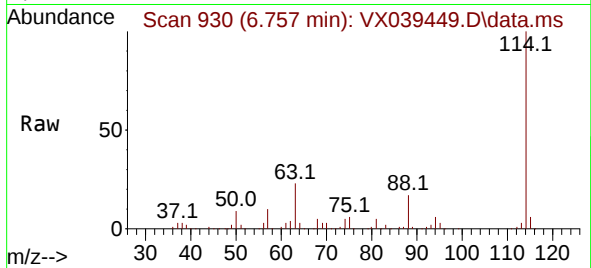




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX039449.D
Acq: 22 Dec 2023 18:44

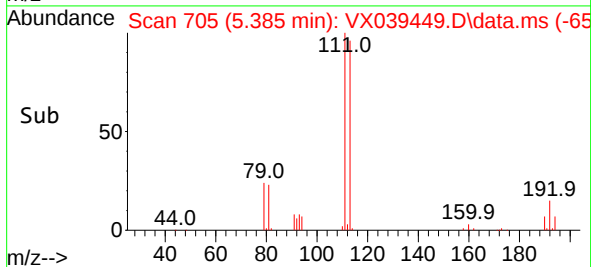
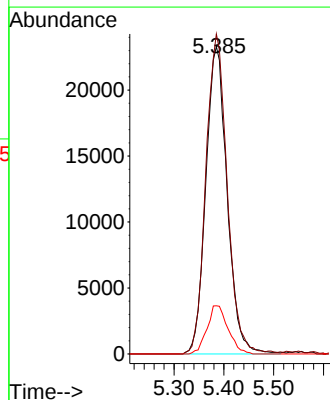
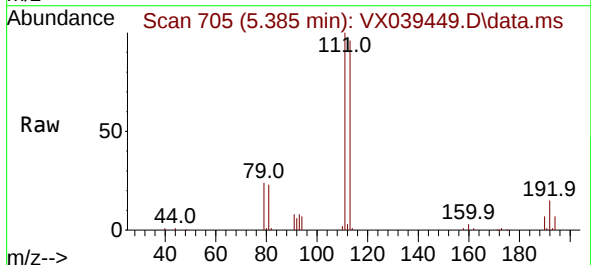
Instrument :
MSVOA_X
ClientSampleId :
RT-MW-03-122023

Tgt Ion:114 Resp: 208782
Ion Ratio Lower Upper
114 100
63 23.3 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.018 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039449.D
Acq: 22 Dec 2023 18:44

Tgt Ion:113 Resp: 69259
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 15.5 13.3 19.9

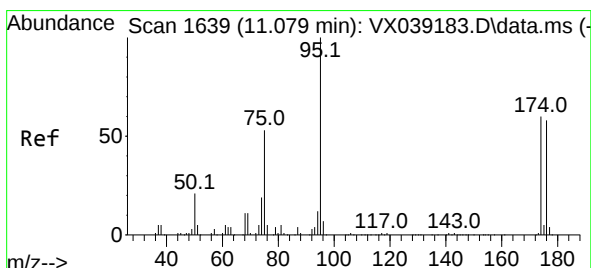
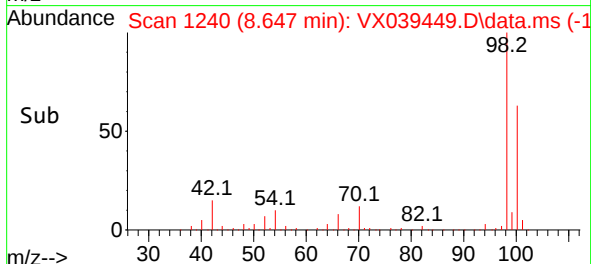
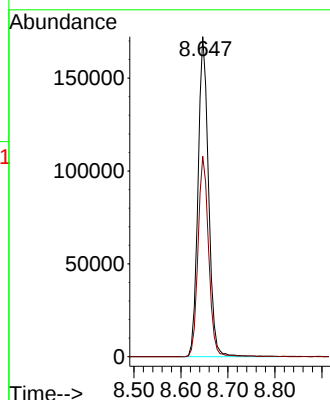
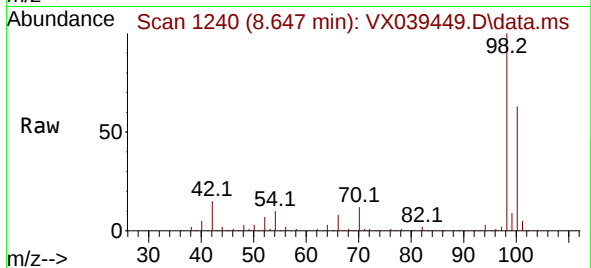




#50
Toluene-d8
Concen: 50.222 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039449.D
Acq: 22 Dec 2023 18:44

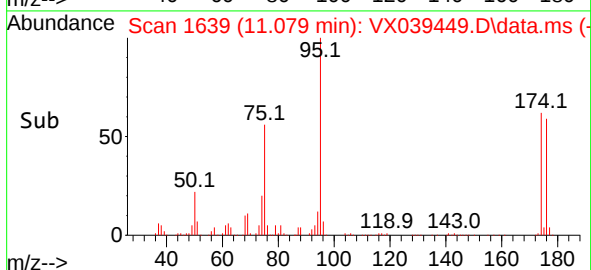
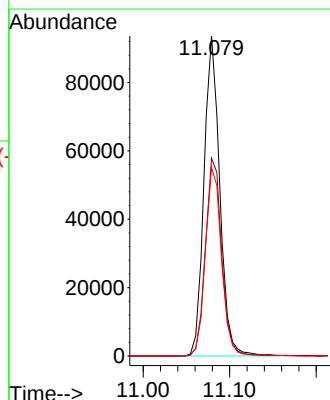
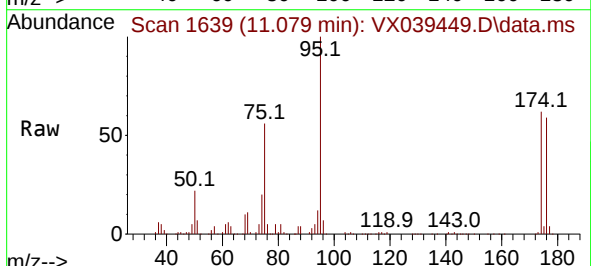
Instrument :
MSVOA_X
ClientSampleId :
RT-MW-03-122023

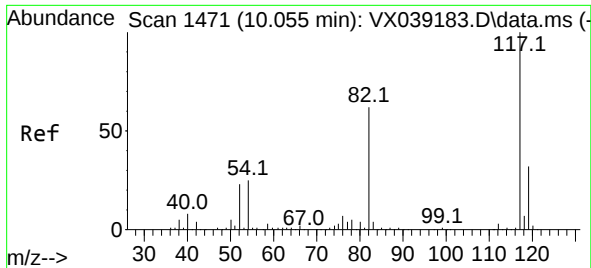
Tgt Ion: 98 Resp: 268929
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 53.660 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039449.D
Acq: 22 Dec 2023 18:44

Tgt Ion: 95 Resp: 118556
Ion Ratio Lower Upper
95 100
174 63.9 0.0 135.6
176 60.4 0.0 131.0

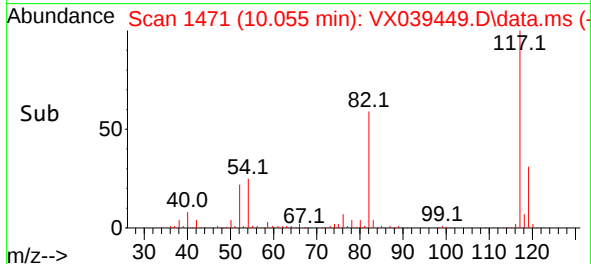
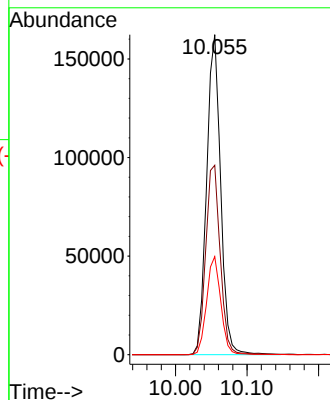
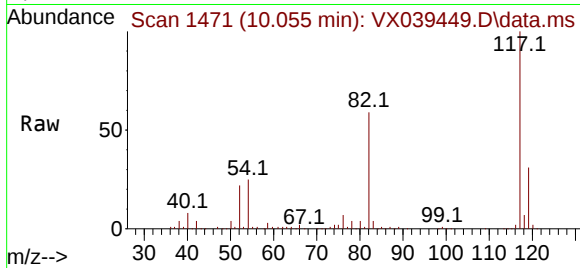




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039449.D
Acq: 22 Dec 2023 18:44

Instrument :
MSVOA_X
ClientSampleId :
RT-MW-03-122023

Tgt Ion:117 Resp: 220860
Ion Ratio Lower Upper
117 100
82 59.2 46.2 69.4
119 30.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039449.D
Acq: 22 Dec 2023 18:44

Tgt Ion:152 Resp: 108617
Ion Ratio Lower Upper
152 100
115 68.5 43.3 129.9
150 160.1 0.0 345.0

