

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039453.D
 Acq On : 22 Dec 2023 20:16
 Operator : JC/MD
 Sample : 05975-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6-122023

Quant Time: Dec 23 06:30:31 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	96923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	207223	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	110115	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89200	50.238	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.480%
35) Dibromofluoromethane	5.385	113	69706	48.691	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.380%
50) Toluene-d8	8.647	98	263341	49.548	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.100%
62) 4-Bromofluorobenzene	11.079	95	119108	54.316	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.640%

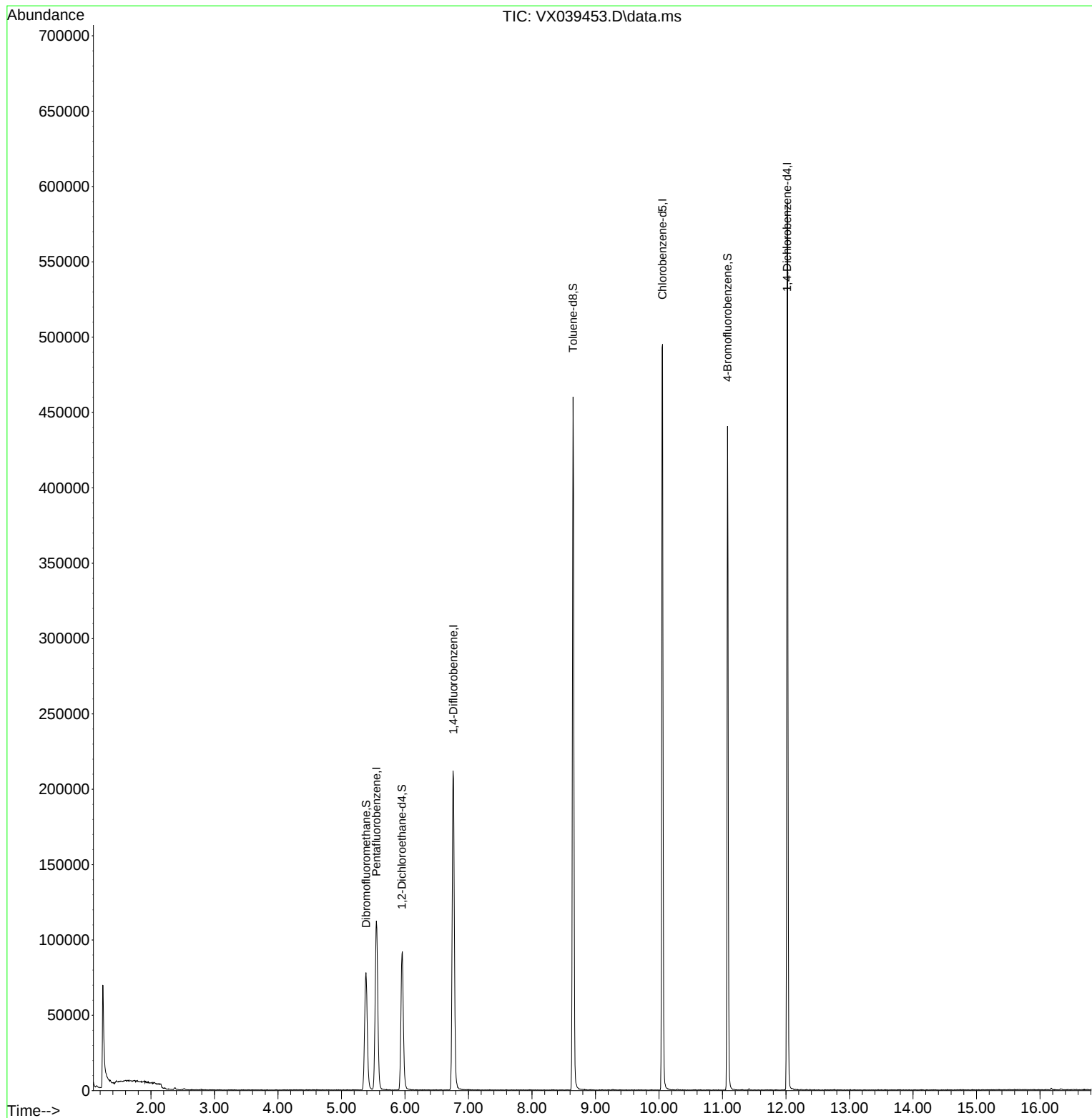
Target Compounds	Qvalue

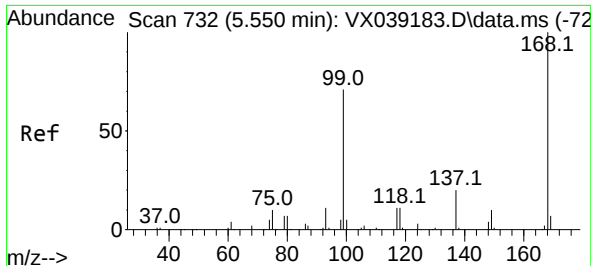
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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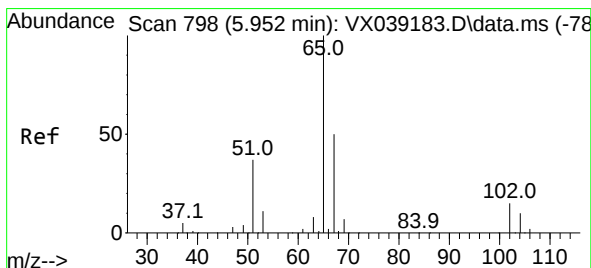
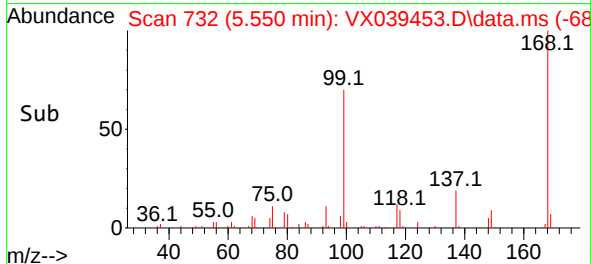
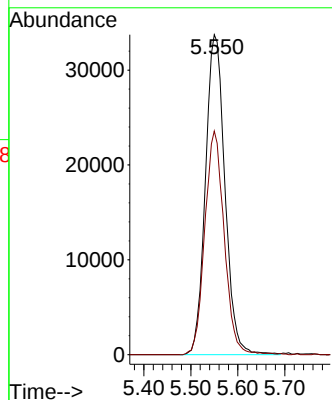
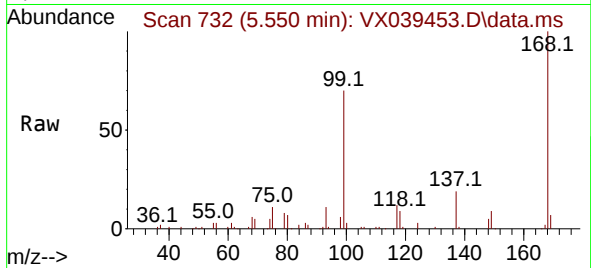




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX039453.D
Acq: 22 Dec 2023 20:16

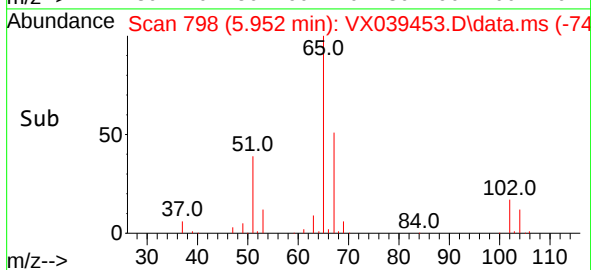
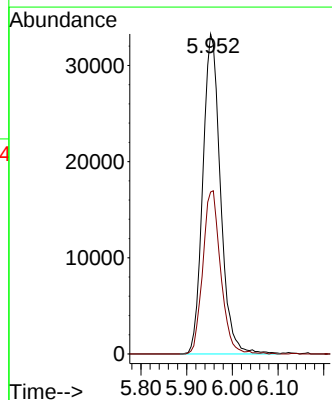
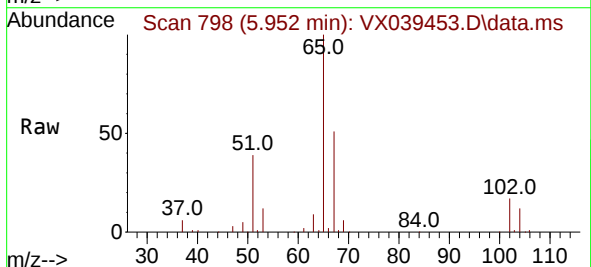
Instrument :
MSVOA_X
ClientSampleId :
MW-6-122023

Tgt Ion:168 Resp: 96923
Ion Ratio Lower Upper
168 100
99 69.9 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 50.238 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039453.D
Acq: 22 Dec 2023 20:16

Tgt Ion: 65 Resp: 89200
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2

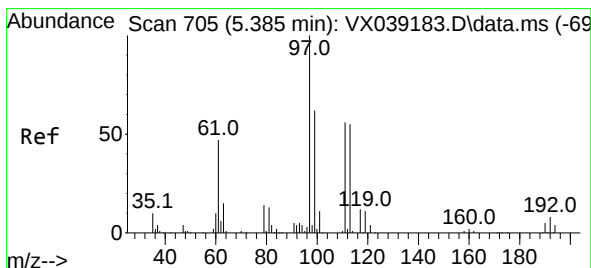
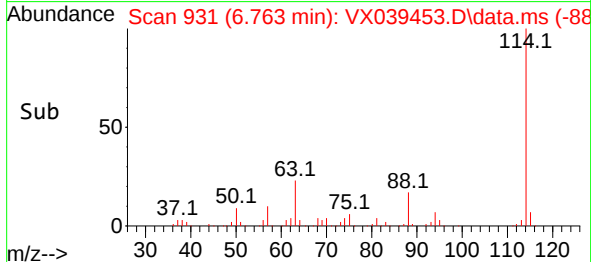
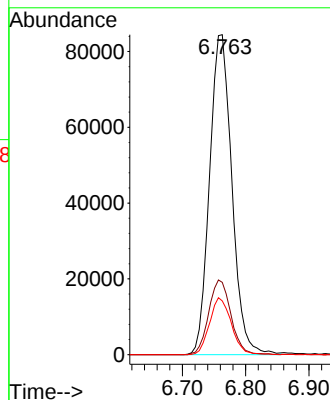
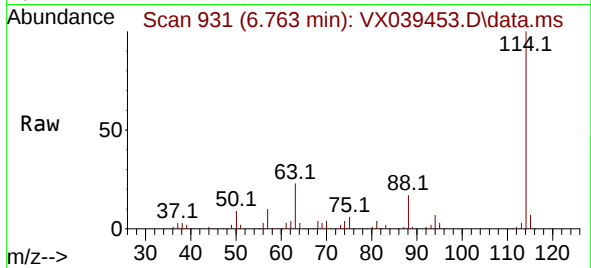




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX039453.D
Acq: 22 Dec 2023 20:16

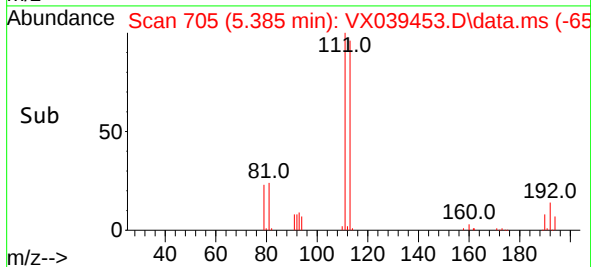
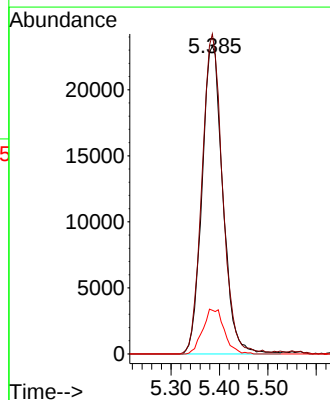
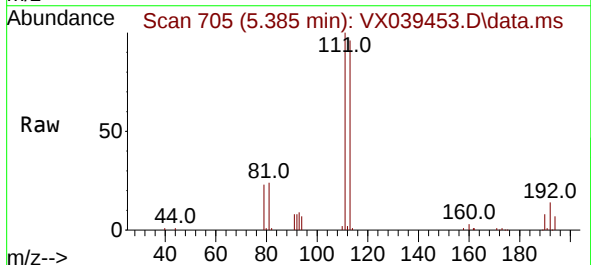
Instrument :
MSVOA_X
ClientSampleId :
MW-6-122023

Tgt Ion:114 Resp: 207223
Ion Ratio Lower Upper
114 100
63 22.6 0.0 45.0
88 16.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.691 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039453.D
Acq: 22 Dec 2023 20:16

Tgt Ion:113 Resp: 69706
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 15.0 13.3 19.9

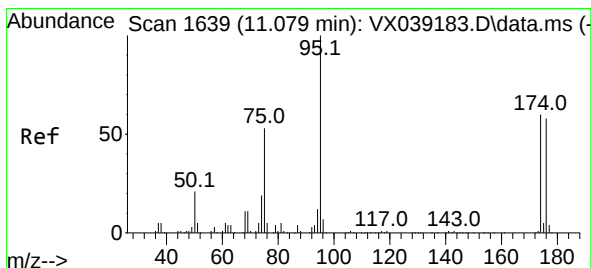
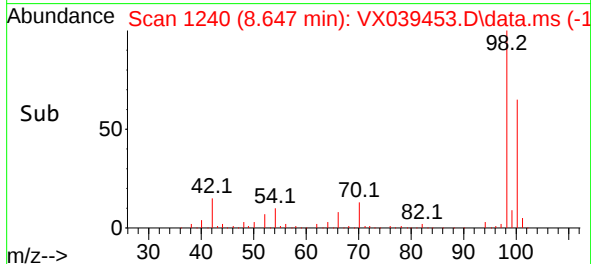
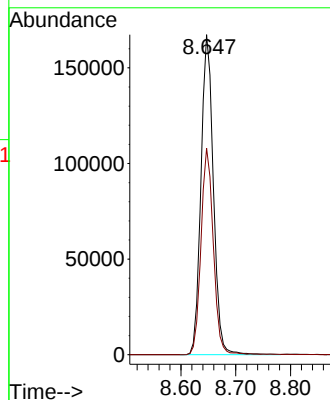
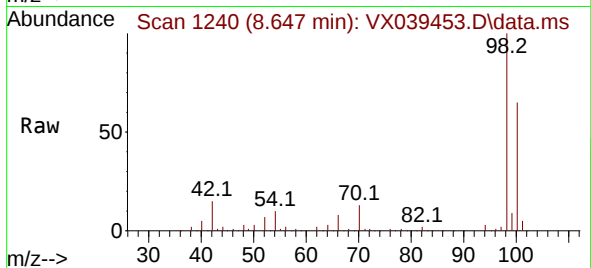




#50
Toluene-d8
Concen: 49.548 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039453.D
Acq: 22 Dec 2023 20:16

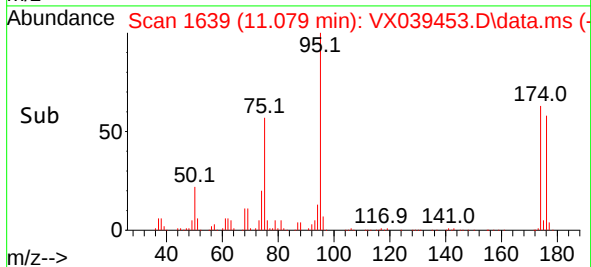
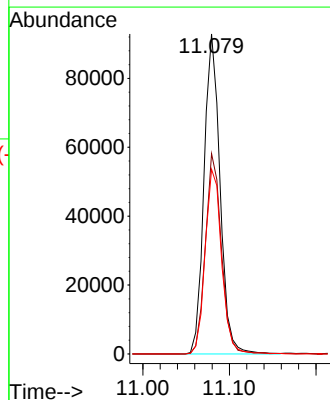
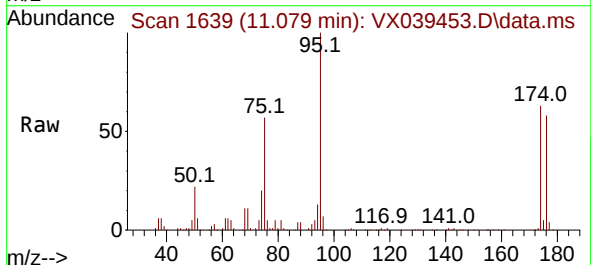
Instrument :
MSVOA_X
ClientSampleId :
MW-6-122023

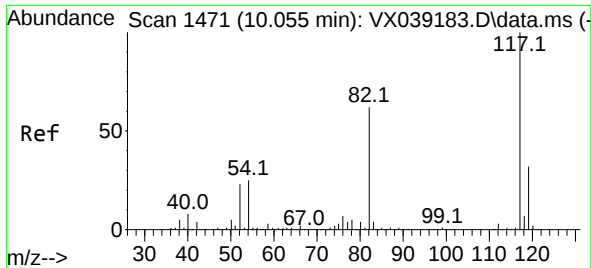
Tgt Ion: 98 Resp: 263341
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 54.316 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039453.D
Acq: 22 Dec 2023 20:16

Tgt Ion: 95 Resp: 119108
Ion Ratio Lower Upper
95 100
174 63.1 0.0 135.6
176 59.6 0.0 131.0

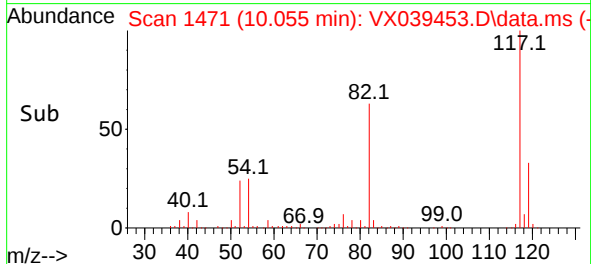
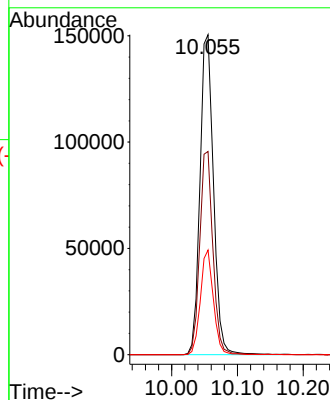
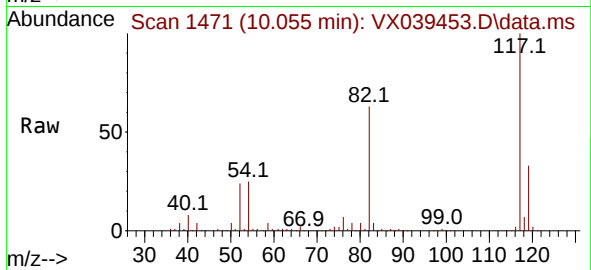




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039453.D
Acq: 22 Dec 2023 20:16

Instrument :
MSVOA_X
ClientSampleId :
MW-6-122023

Tgt Ion:117 Resp: 215009
Ion Ratio Lower Upper
117 100
82 63.5 46.2 69.4
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX039453.D
Acq: 22 Dec 2023 20:16

Tgt Ion:152 Resp: 110115
Ion Ratio Lower Upper
152 100
115 66.3 43.3 129.9
150 156.2 0.0 345.0

