

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039451.D
 Acq On : 22 Dec 2023 19:30
 Operator : JC/MD
 Sample : 05975-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-122023

Quant Time: Dec 23 06:29:49 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	102695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222085	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112978	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94767	50.373	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.740%
35) Dibromofluoromethane	5.385	113	72354	47.159	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.320%
50) Toluene-d8	8.647	98	282303	49.561	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.120%
62) 4-Bromofluorobenzene	11.079	95	122791	52.248	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.500%

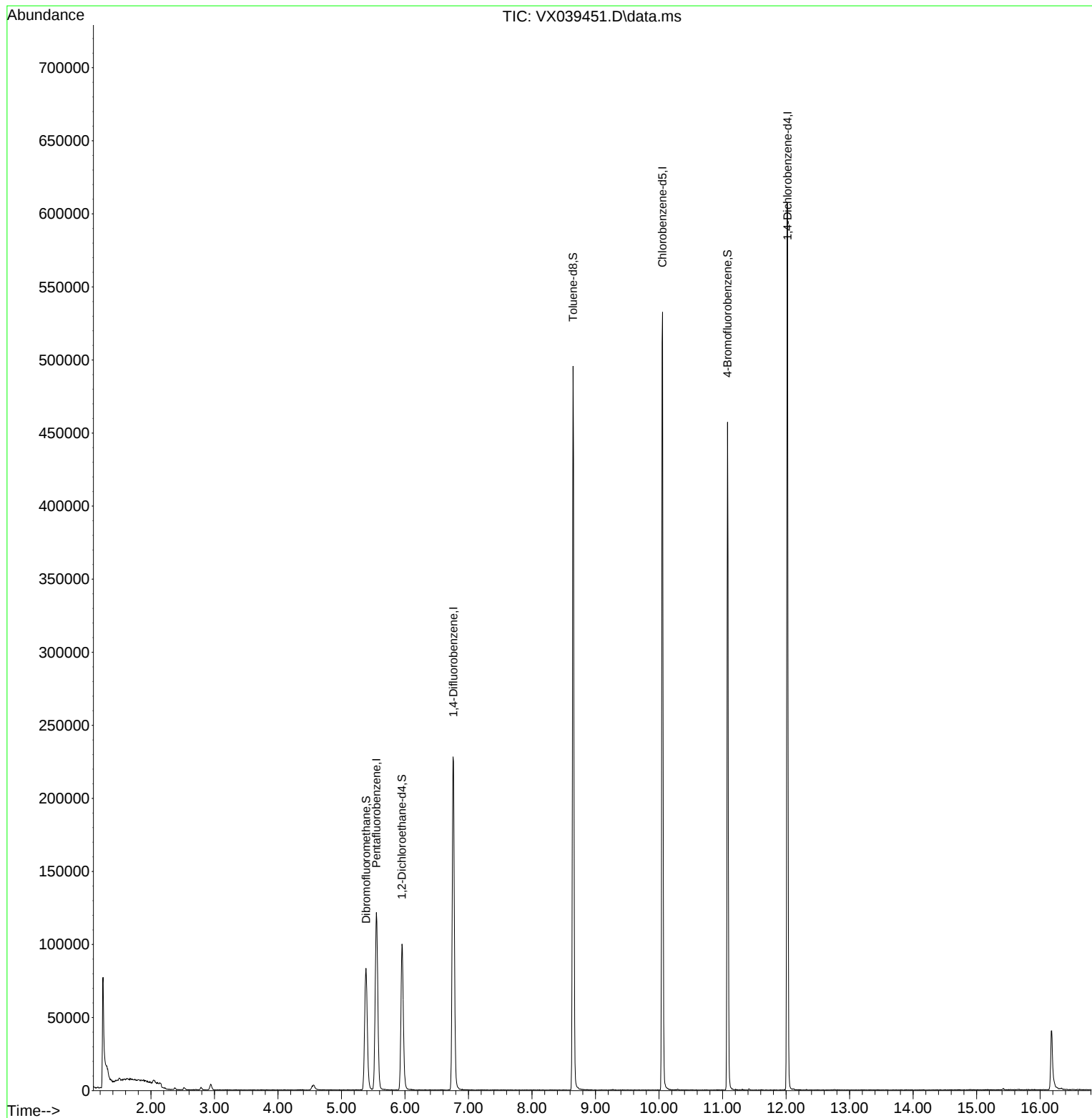
Target Compounds	Qvalue

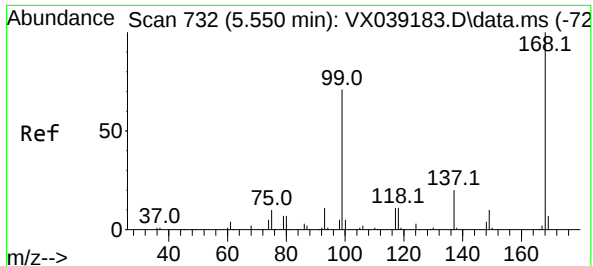
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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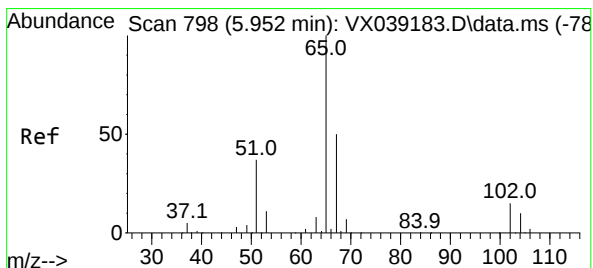
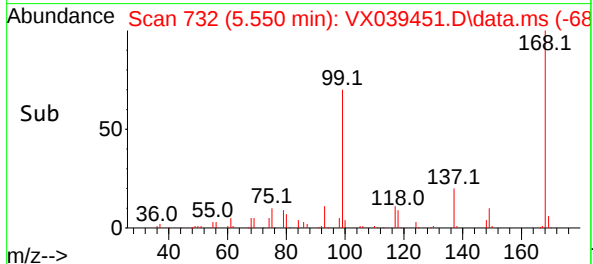
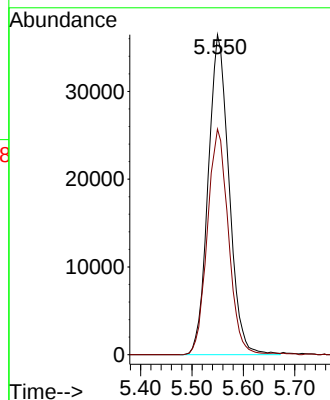
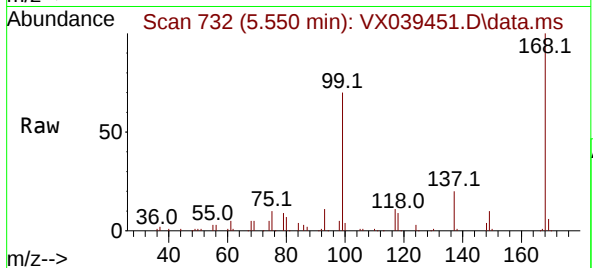




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX039451.D
Acq: 22 Dec 2023 19:30

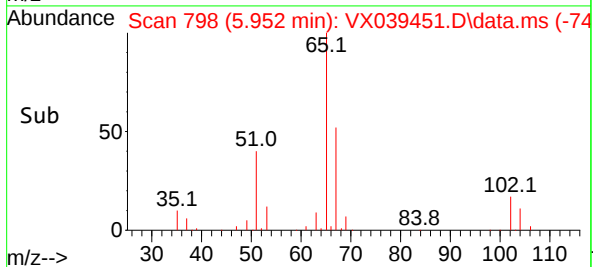
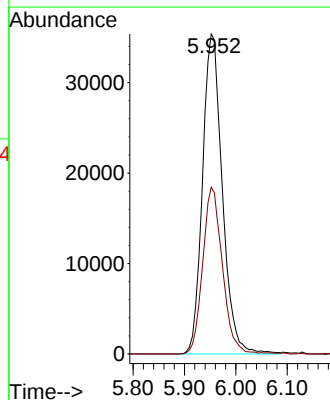
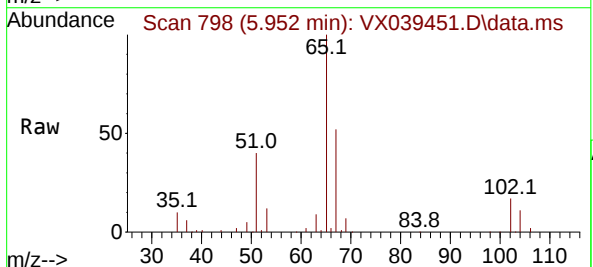
Instrument :
MSVOA_X
ClientSampleId :
FB01-122023

Tgt Ion:168 Resp: 102695
Ion Ratio Lower Upper
168 100
99 70.5 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 50.373 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039451.D
Acq: 22 Dec 2023 19:30

Tgt Ion: 65 Resp: 94767
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

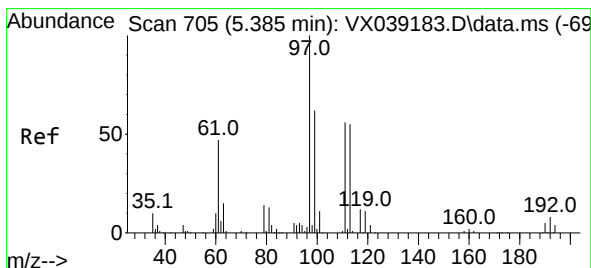
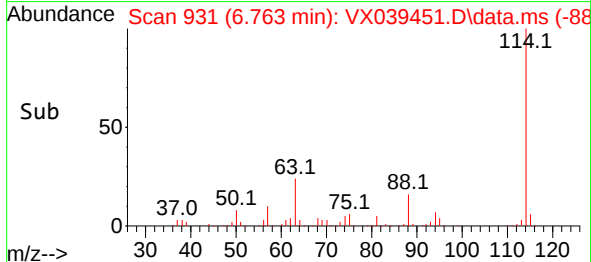
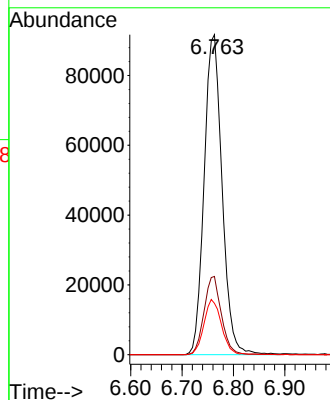
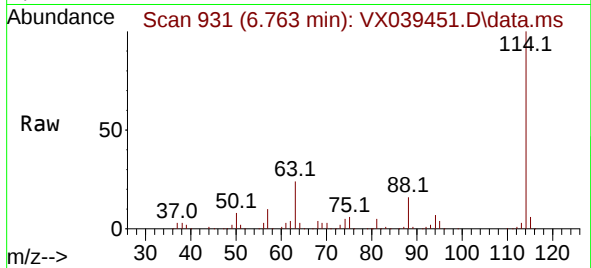




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX039451.D
Acq: 22 Dec 2023 19:30

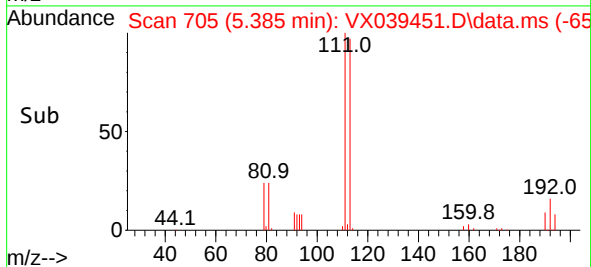
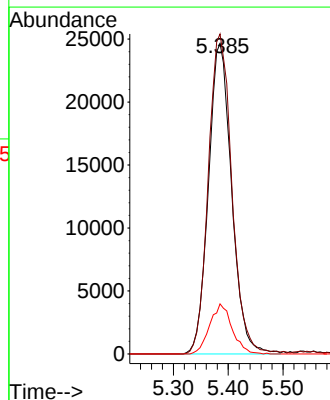
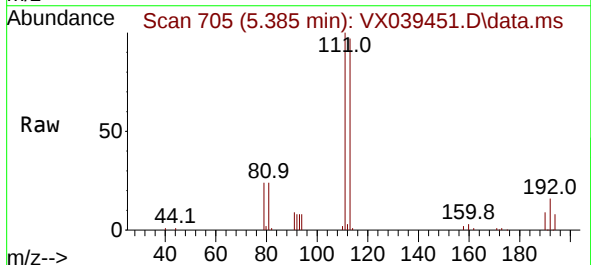
Instrument :
MSVOA_X
ClientSampleId :
FB01-122023

Tgt Ion:114 Resp: 222085
Ion Ratio Lower Upper
114 100
63 24.4 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.159 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039451.D
Acq: 22 Dec 2023 19:30

Tgt Ion:113 Resp: 72354
Ion Ratio Lower Upper
113 100
111 104.6 82.9 124.3
192 15.6 13.3 19.9





#50

Toluene-d8

Concen: 49.561 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039451.D

Acq: 22 Dec 2023 19:30

Instrument :

MSVOA_X

ClientSampleId :

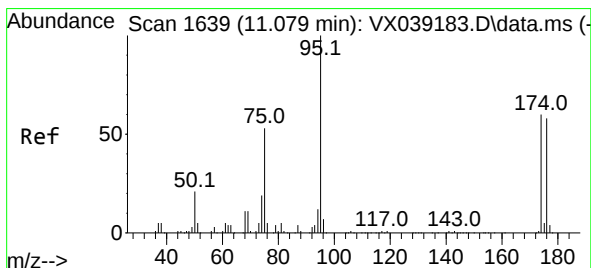
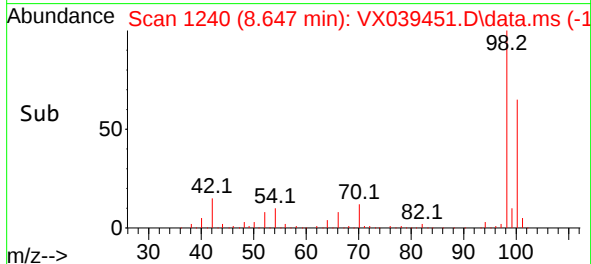
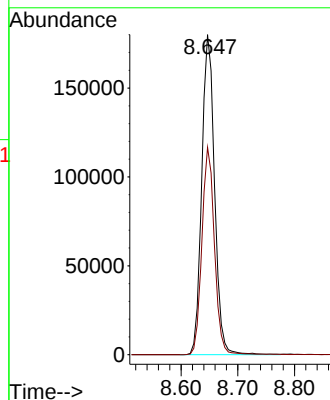
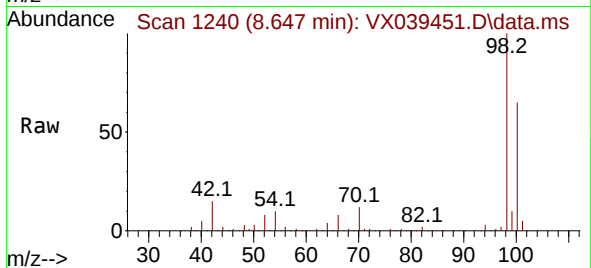
FB01-122023

Tgt Ion: 98 Resp: 282303

Ion Ratio Lower Upper

98 100

100 63.7 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 52.248 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX039451.D

Acq: 22 Dec 2023 19:30

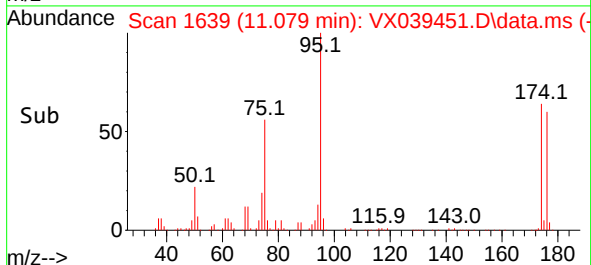
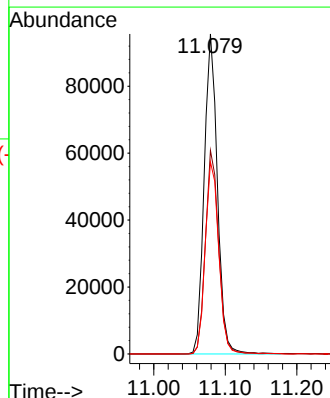
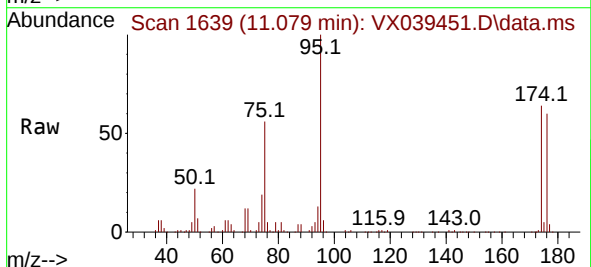
Tgt Ion: 95 Resp: 122791

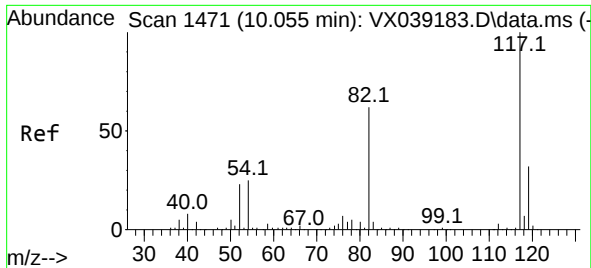
Ion Ratio Lower Upper

95 100

174 63.9 0.0 135.6

176 61.6 0.0 131.0

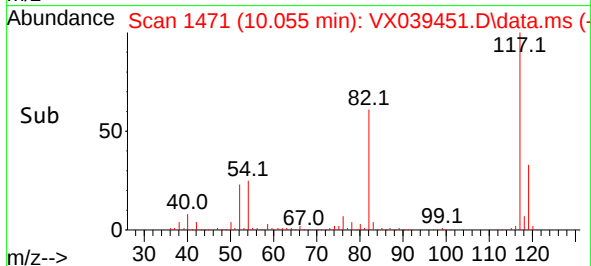
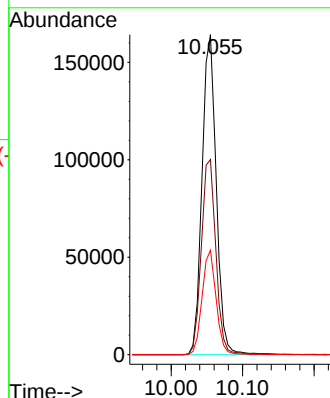
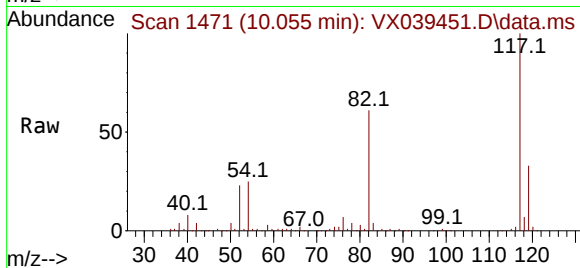




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039451.D
Acq: 22 Dec 2023 19:30

Instrument :
MSVOA_X
ClientSampleId :
FB01-122023

Tgt Ion:117 Resp: 227203
Ion Ratio Lower Upper
117 100
82 61.0 46.2 69.4
119 32.7 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: VX039451.D
Acq: 22 Dec 2023 19:30

Tgt Ion:152 Resp: 112978
Ion Ratio Lower Upper
152 100
115 68.2 43.3 129.9
150 157.4 0.0 345.0

