

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
 Data File : VX038990.D
 Acq On : 21 Nov 2023 17:21
 Operator : JC/MD
 Sample : 05407-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-125.9T-20231114

Quant Time: Nov 22 03:23:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

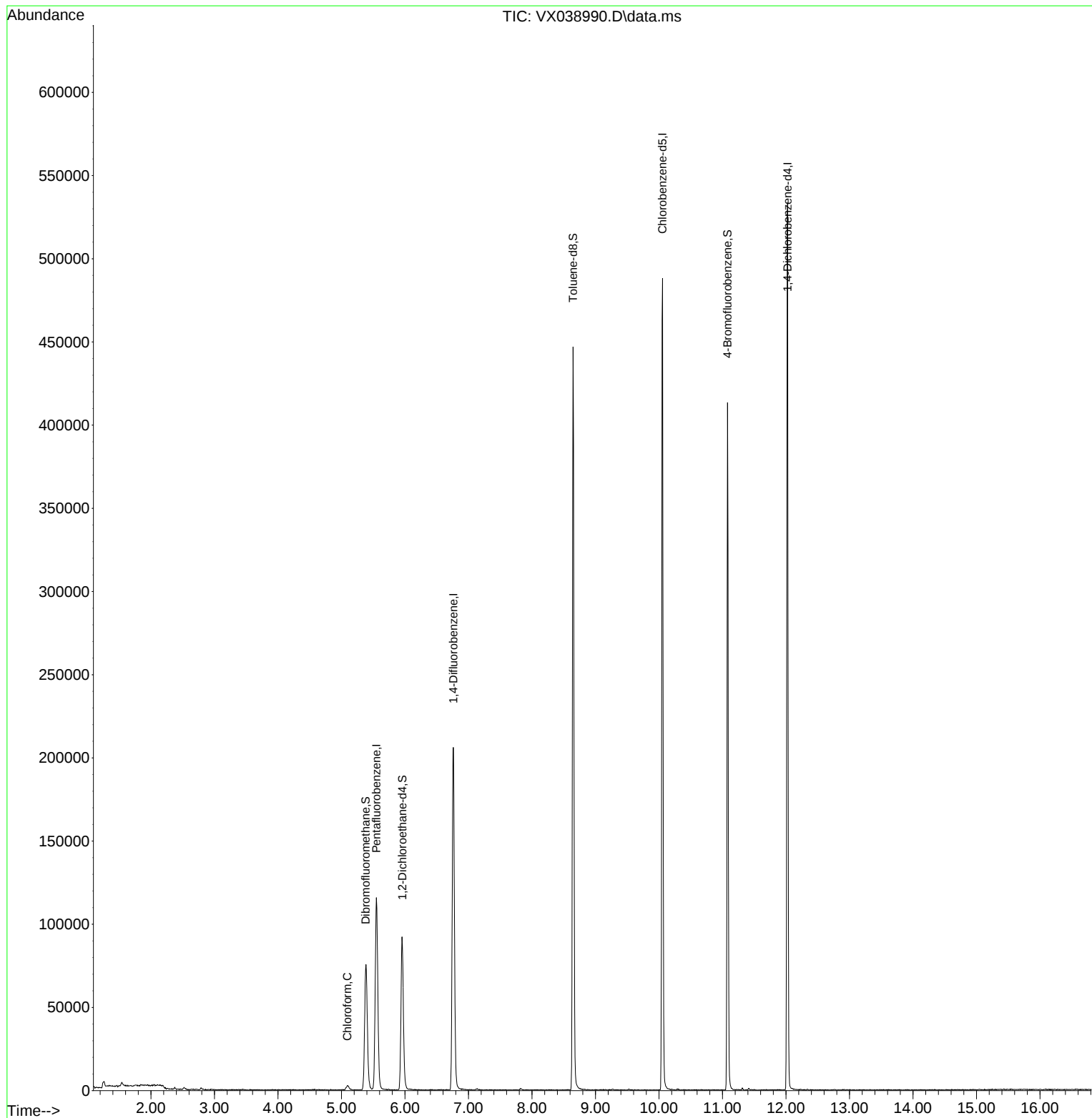
Internal Standards						
1) Pentafluorobenzene	5.550	168	101169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208320	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85210	52.270	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.540%
35) Dibromofluoromethane	5.379	113	67295	44.728	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.460%
50) Toluene-d8	8.647	98	261086	45.356	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.720%#
62) 4-Bromofluorobenzene	11.079	95	111543	48.406	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.820%
Target Compounds						
30) Chloroform	5.093	83	3352	1.325	ug/l	Qvalue 89

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

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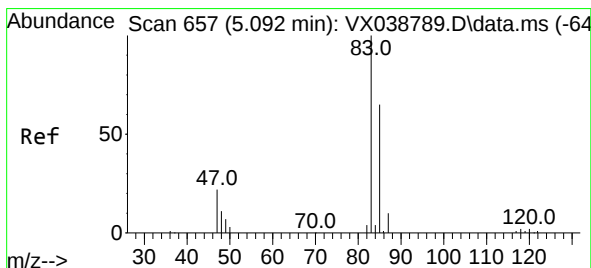
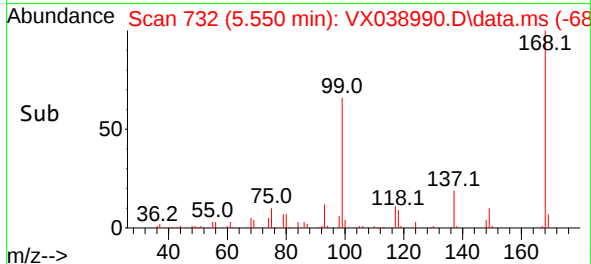
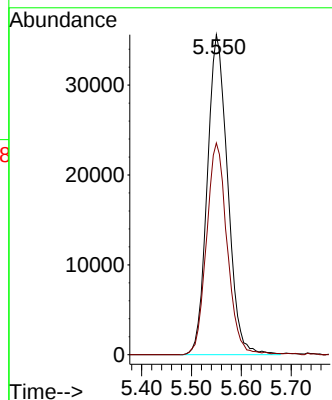
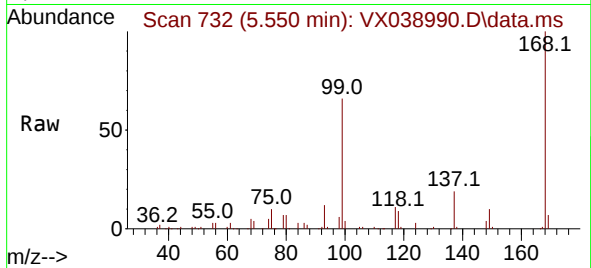




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX038990.D
Acq: 21 Nov 2023 17:21

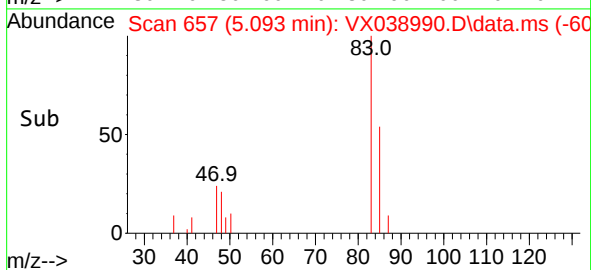
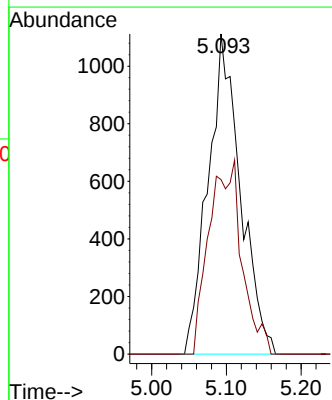
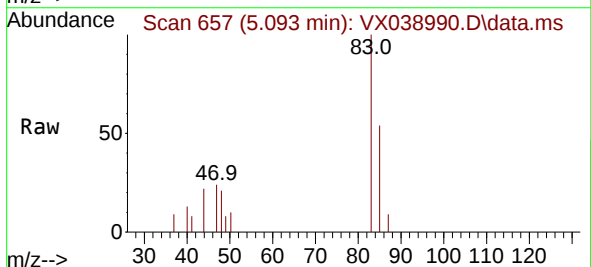
Instrument :
MSVOA_X
ClientSampleId :
MH-125.9T-20231114

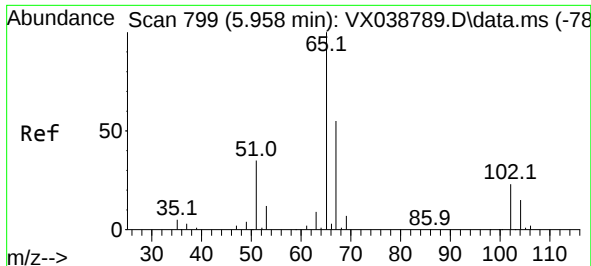
Tgt Ion:168 Resp: 101169
Ion Ratio Lower Upper
168 100
99 66.1 56.6 85.0



#30
Chloroform
Concen: 1.325 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX038990.D
Acq: 21 Nov 2023 17:21

Tgt Ion: 83 Resp: 3352
Ion Ratio Lower Upper
83 100
85 54.5 50.3 75.5

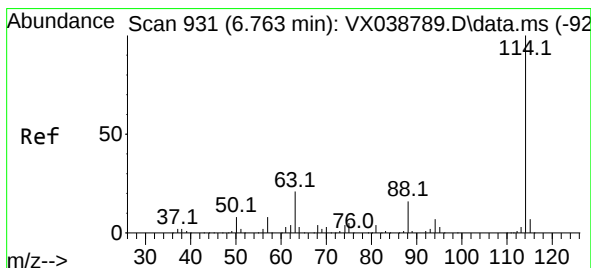
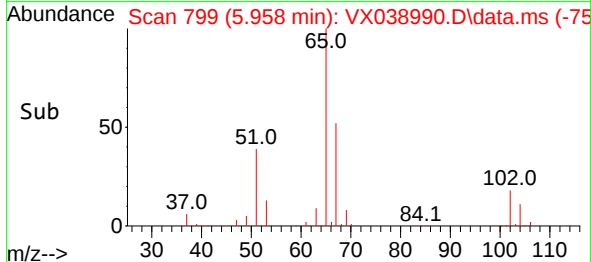
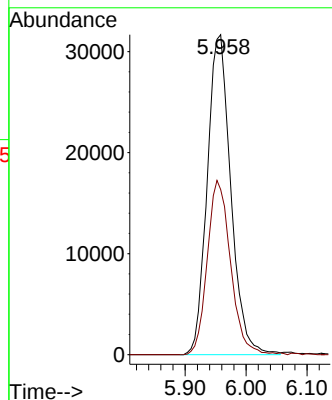
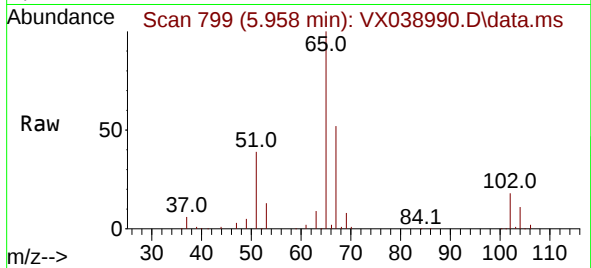




#33
 1,2-Dichloroethane-d4
 Concen: 52.270 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038990.D
 Acq: 21 Nov 2023 17:21

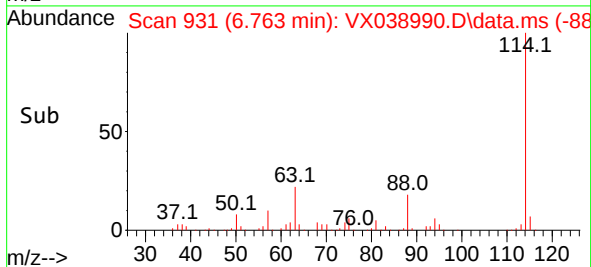
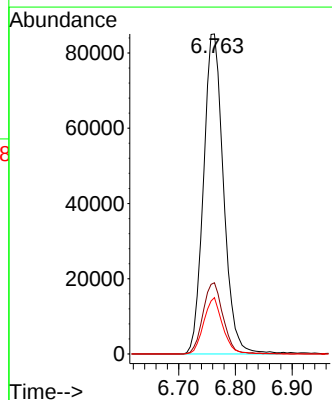
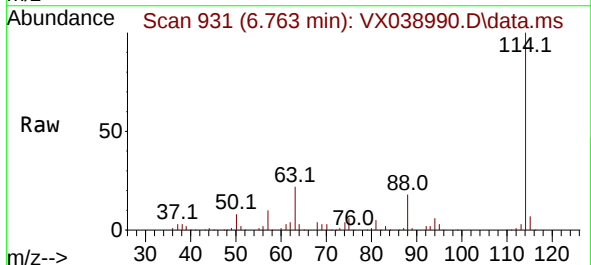
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-125.9T-20231114

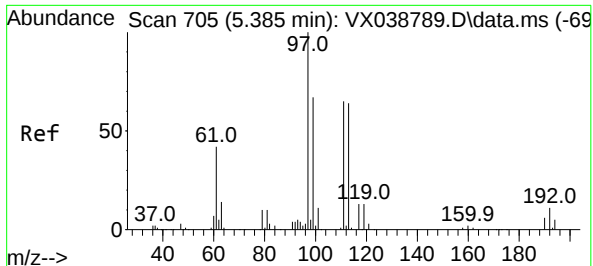
Tgt Ion: 65 Resp: 85210
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038990.D
 Acq: 21 Nov 2023 17:21

Tgt Ion: 114 Resp: 208320
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 45.0
 88 17.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.728 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX038990.D

Acq: 21 Nov 2023 17:21

Instrument :

MSVOA_X

ClientSampleId :

MH-125.9T-20231114

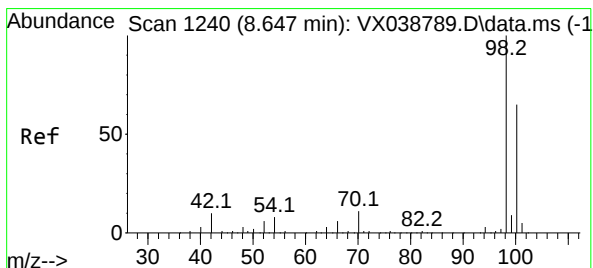
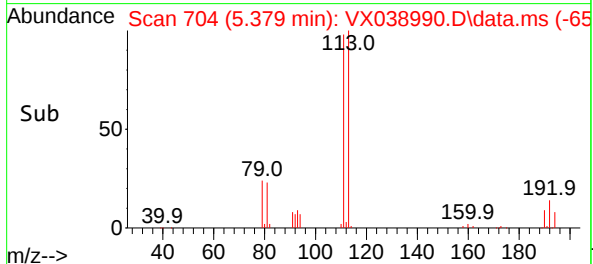
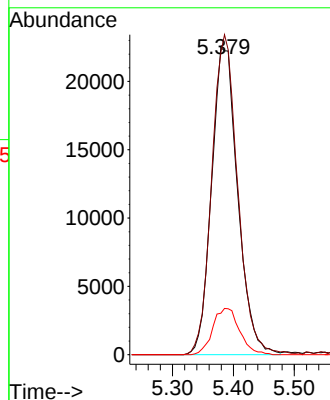
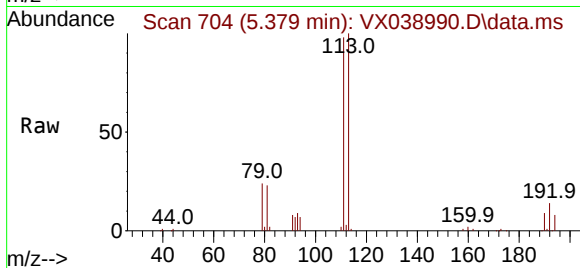
Tgt Ion:113 Resp: 67295

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

192 15.4 13.3 19.9



#50

Toluene-d8

Concen: 45.356 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038990.D

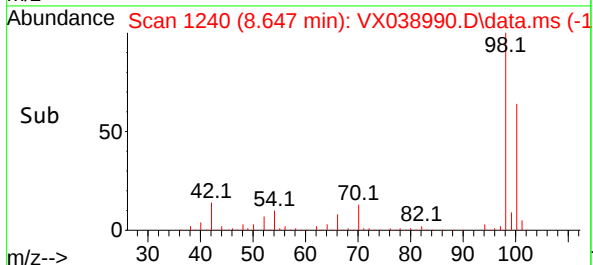
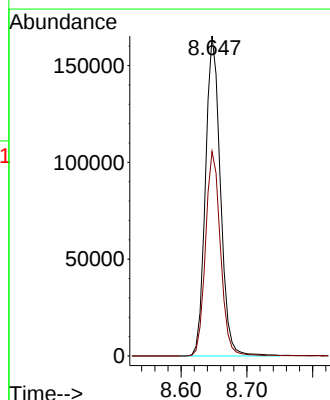
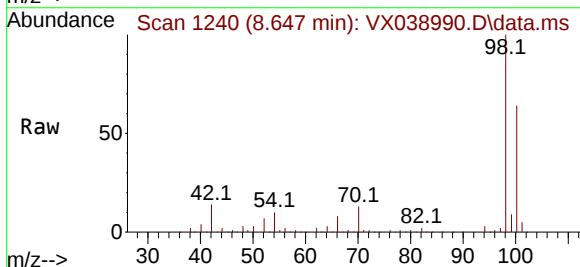
Acq: 21 Nov 2023 17:21

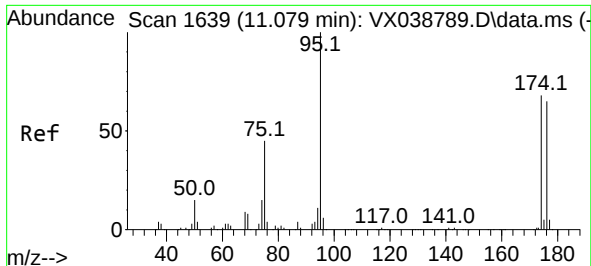
Tgt Ion: 98 Resp: 261086

Ion Ratio Lower Upper

98 100

100 64.1 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 48.406 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038990.D

Acq: 21 Nov 2023 17:21

Instrument :

MSVOA_X

ClientSampleId :

MH-125.9T-20231114

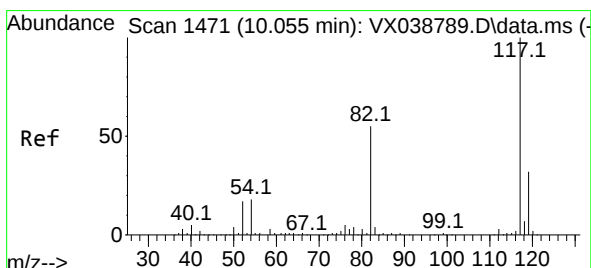
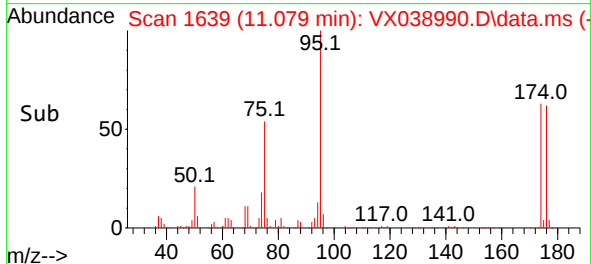
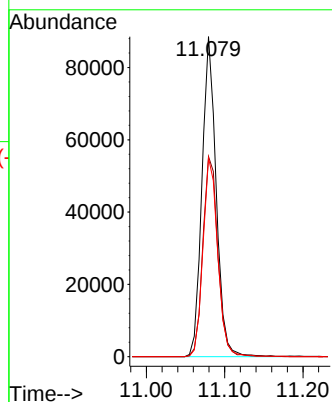
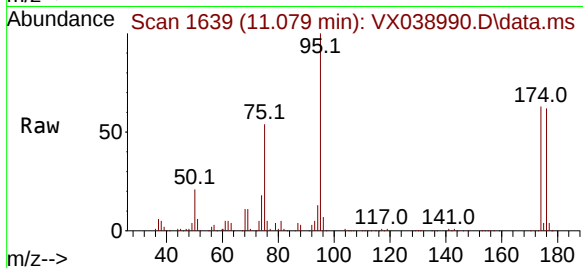
Tgt Ion: 95 Resp: 111543

Ion Ratio Lower Upper

95 100

174 66.1 0.0 135.6

176 64.3 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: VX038990.D

Acq: 21 Nov 2023 17:21

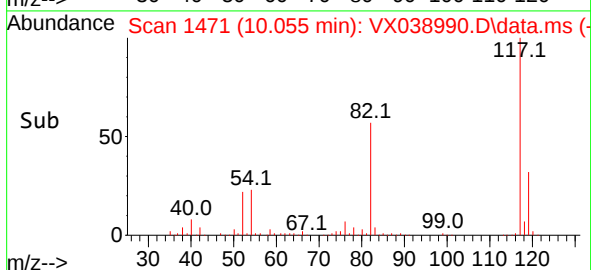
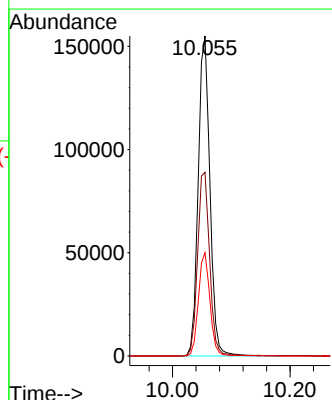
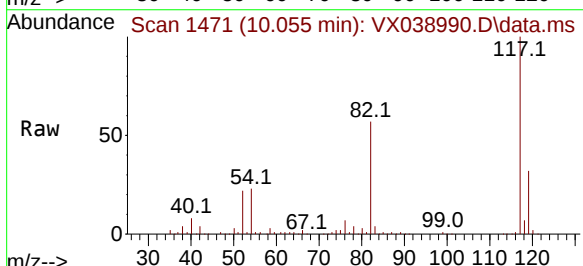
Tgt Ion: 117 Resp: 215071

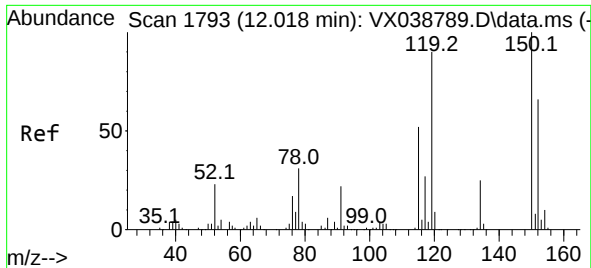
Ion Ratio Lower Upper

117 100

82 57.4 46.2 69.4

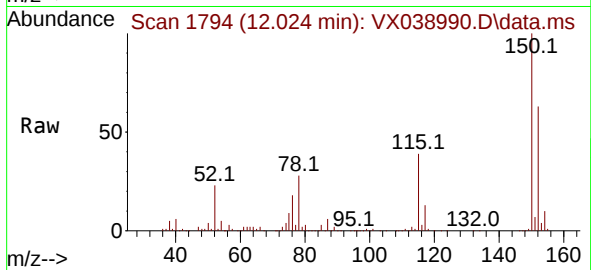
119 32.3 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038990.D
 Acq: 21 Nov 2023 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-125.9T-20231114



Tgt Ion:152 Resp: 106711
 Ion Ratio Lower Upper
 152 100
 115 65.7 43.3 129.9
 150 156.6 0.0 345.0

