

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033023\
 Data File : VX034858.D
 Acq On : 30 Mar 2023 17:24
 Operator : JC/MD
 Sample : 02096-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Mar 31 01:34:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 30 11:02:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	224177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	386072	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	345999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152133	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	163983	47.830	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.660%
35) Dibromofluoromethane	5.385	113	119839	46.930	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.860%
50) Toluene-d8	8.647	98	465271	49.364	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.720%
62) 4-Bromofluorobenzene	11.079	95	167621	45.957	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.920%

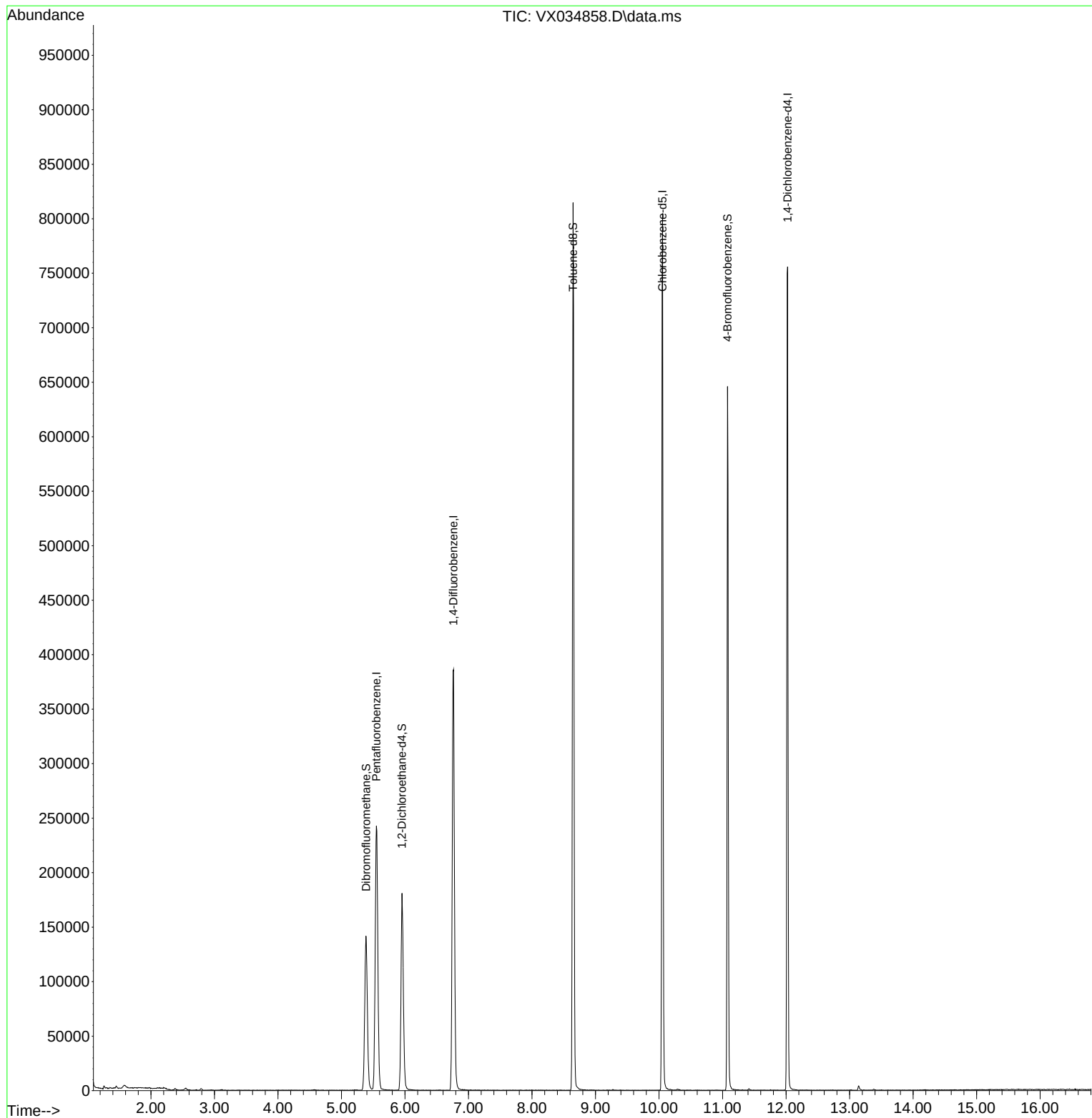
Target Compounds	Qvalue

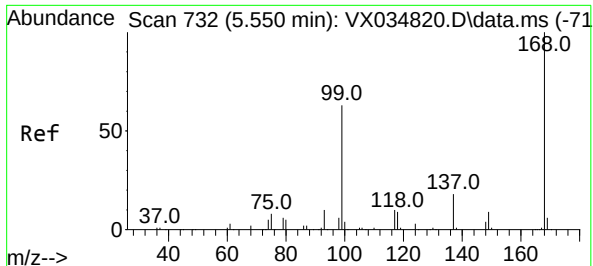
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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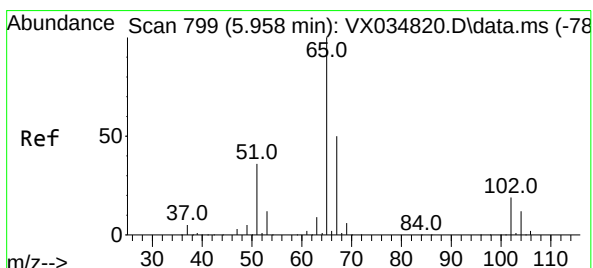
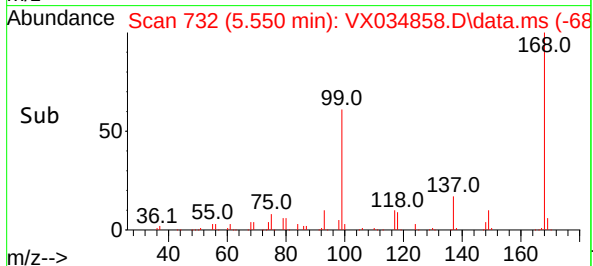
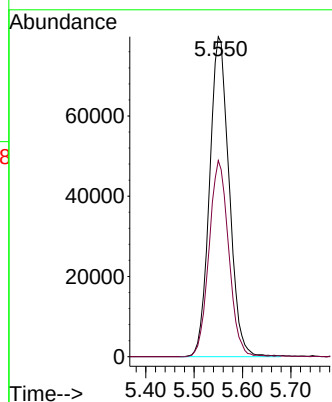
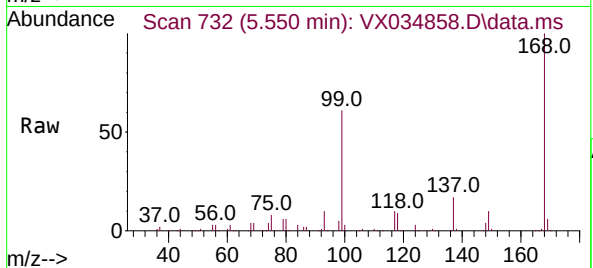




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034858.D
Acq: 30 Mar 2023 17:24

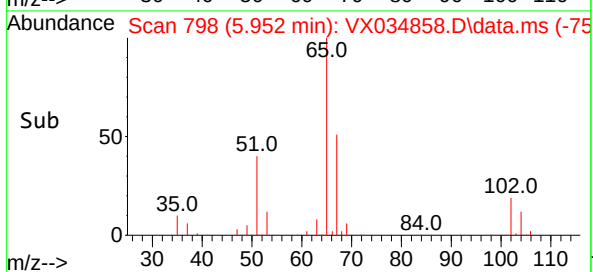
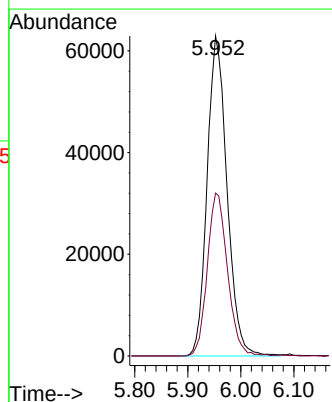
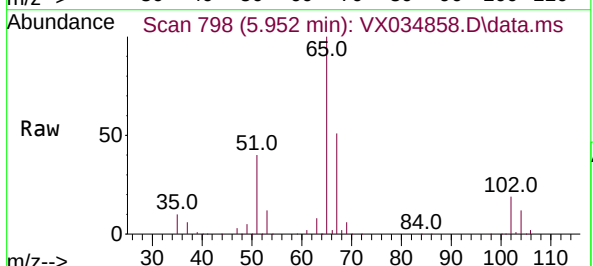
Instrument :
MSVOA_X
ClientSampleId :
MW-3

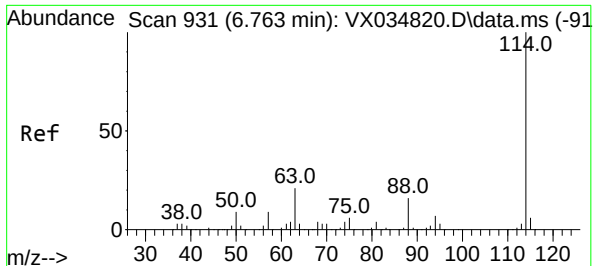
Tgt Ion:168 Resp: 224177
Ion Ratio Lower Upper
168 100
99 61.3 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 47.830 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX034858.D
Acq: 30 Mar 2023 17:24

Tgt Ion: 65 Resp: 163983
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.0

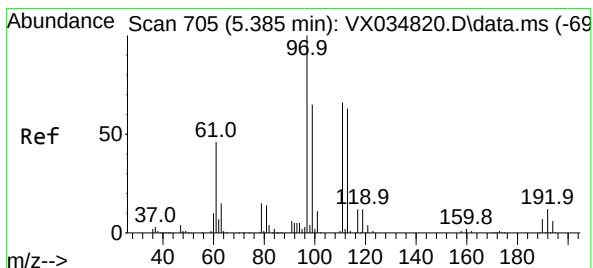
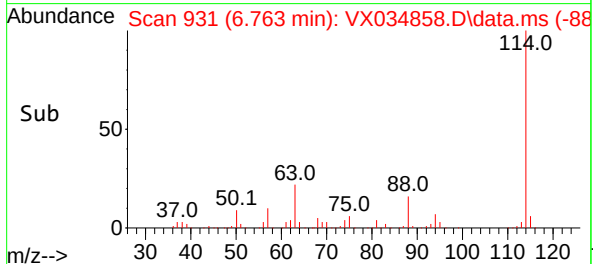
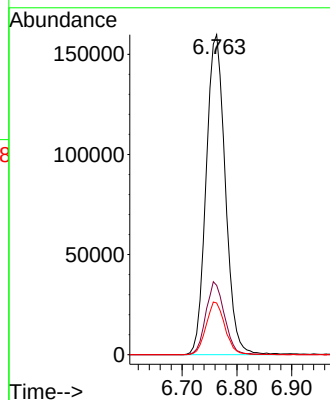
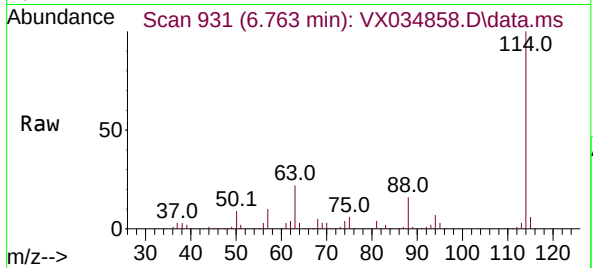




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034858.D
Acq: 30 Mar 2023 17:24

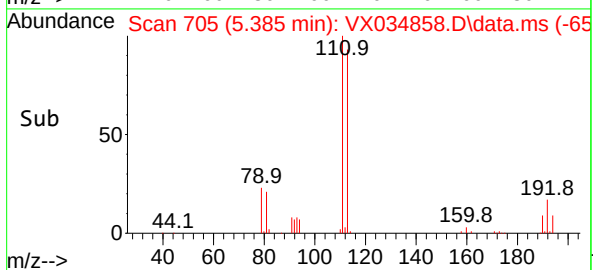
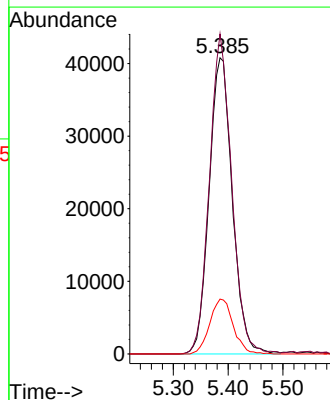
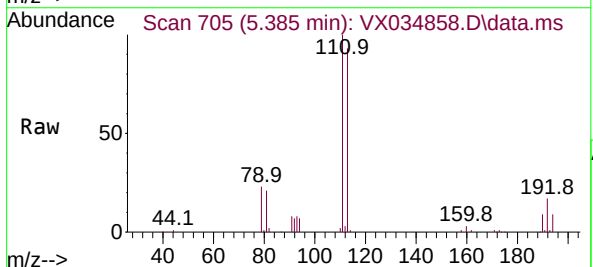
Instrument :
MSVOA_X
ClientSampleId :
MW-3

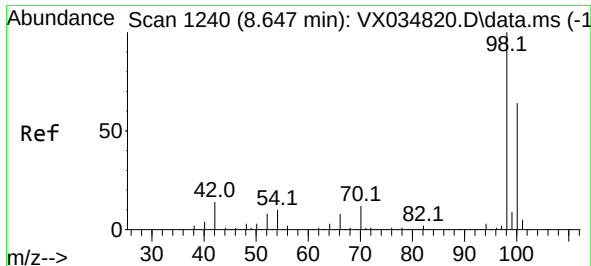
Tgt Ion:114 Resp: 386072
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.2
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.930 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034858.D
Acq: 30 Mar 2023 17:24

Tgt Ion:113 Resp: 119839
Ion Ratio Lower Upper
113 100
111 103.8 83.7 125.5
192 18.8 15.4 23.2

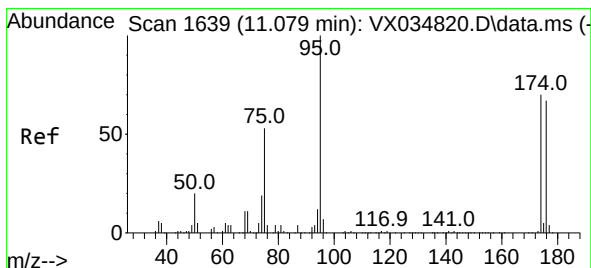
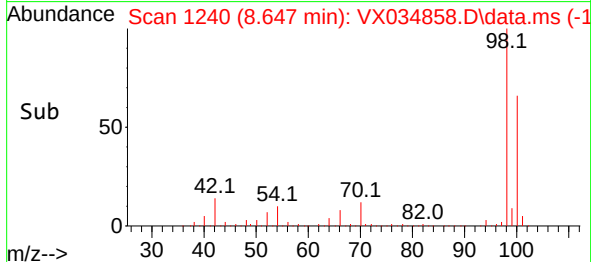
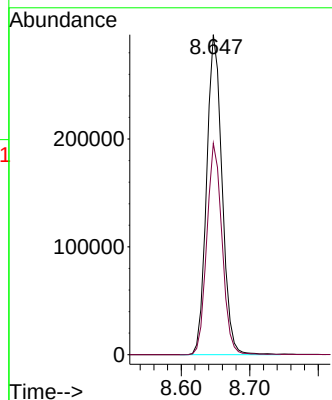
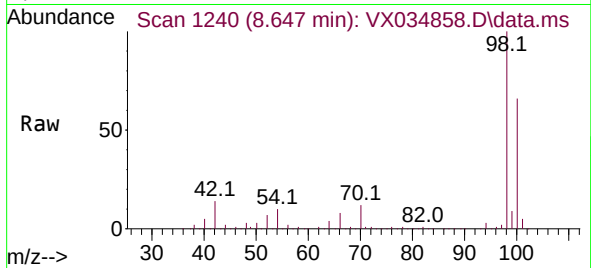




#50
Toluene-d8
Concen: 49.364 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034858.D
Acq: 30 Mar 2023 17:24

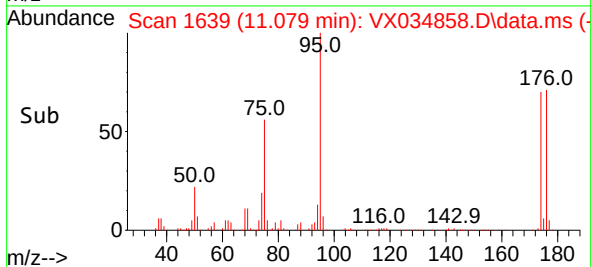
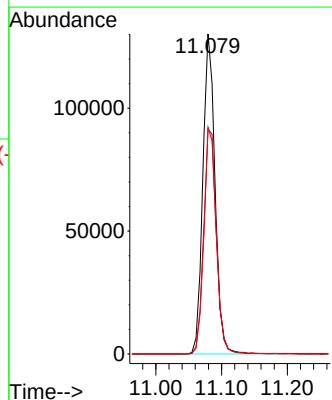
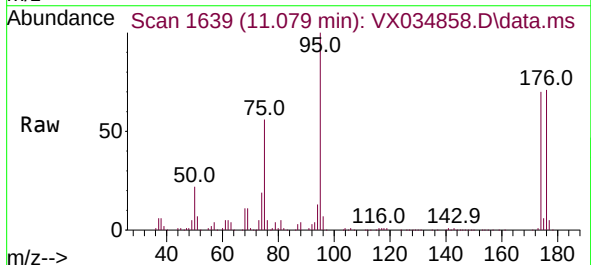
Instrument :
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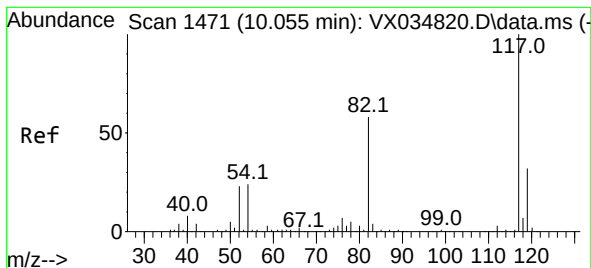
Tgt Ion: 98 Resp: 465271
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 45.957 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034858.D
Acq: 30 Mar 2023 17:24

Tgt Ion: 95 Resp: 167621
Ion Ratio Lower Upper
95 100
174 73.6 0.0 147.4
176 71.7 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX034858.D

Acq: 30 Mar 2023 17:24

Instrument :

MSVOA_X

ClientSampleId :

MW-3

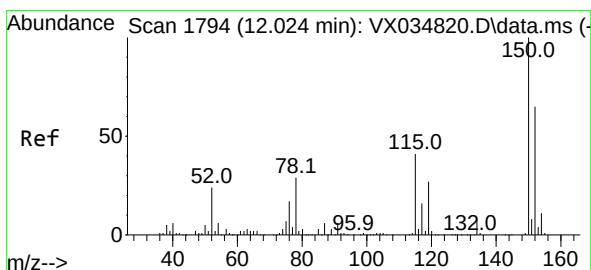
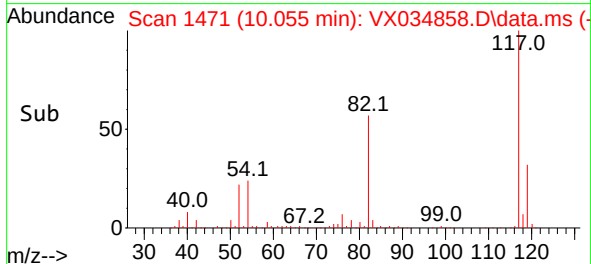
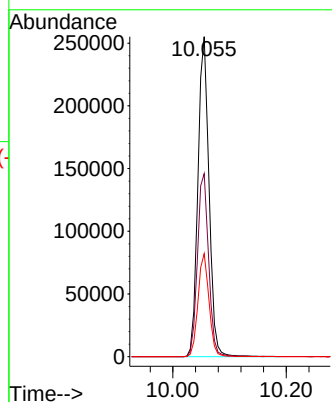
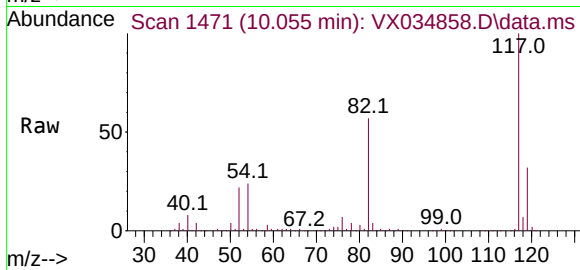
Tgt Ion:117 Resp: 345999

Ion Ratio Lower Upper

117 100

82 57.2 45.0 67.4

119 32.2 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034858.D

Acq: 30 Mar 2023 17:24

Tgt Ion:152 Resp: 152133

Ion Ratio Lower Upper

152 100

115 60.9 45.0 135.0

150 157.8 0.0 352.4

