

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038134.D
 Acq On : 06 Oct 2023 16:31
 Operator : JC/MD
 Sample : 04794-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20231005

Quant Time: Oct 07 04:22:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	98478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	173389	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72648	45.865	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.720%
35) Dibromofluoromethane	5.391	113	56271	45.039	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.080%
50) Toluene-d8	8.653	98	219217	45.917	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.840%#
62) 4-Bromofluorobenzene	11.079	95	82967	45.840	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.680%

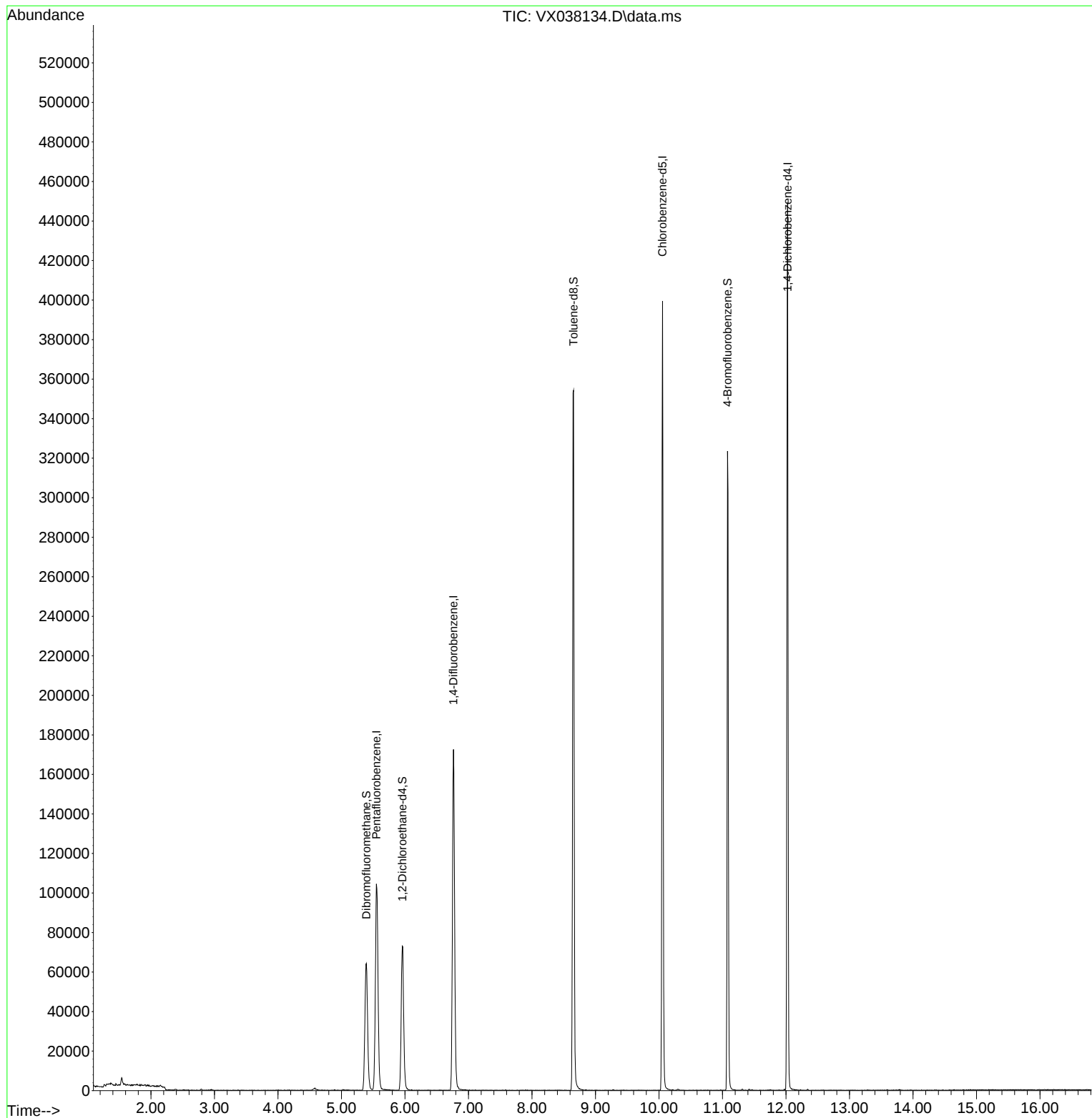
Target Compounds	Qvalue

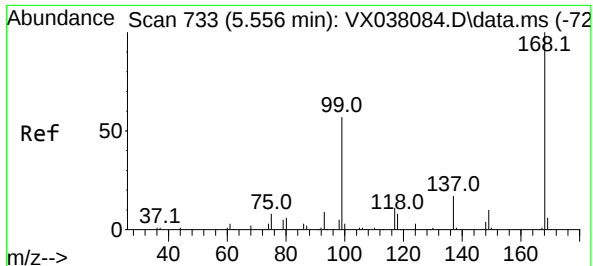
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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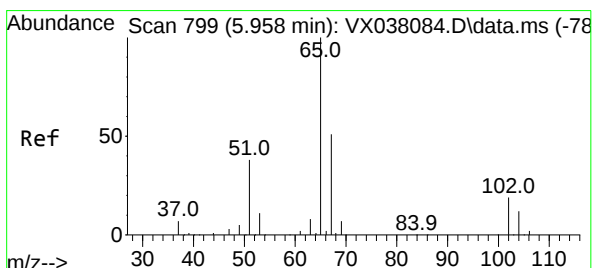
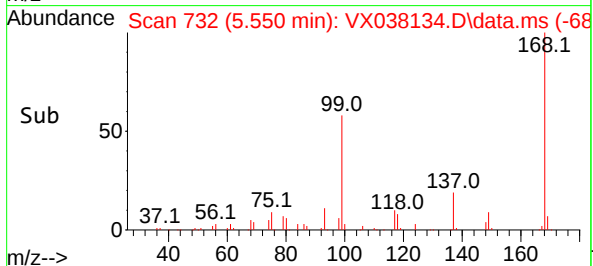
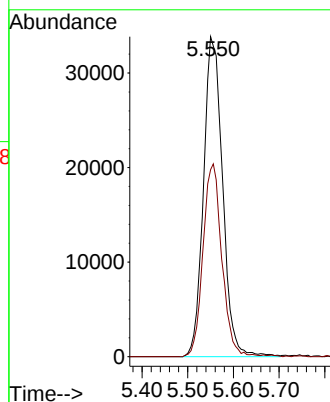
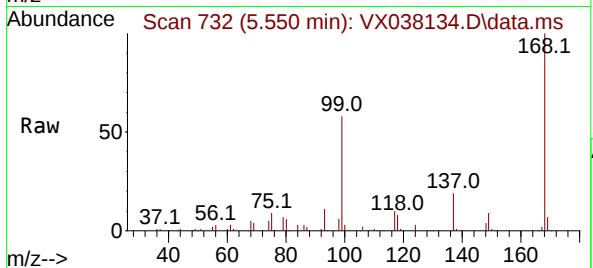




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX038134.D
Acq: 06 Oct 2023 16:31

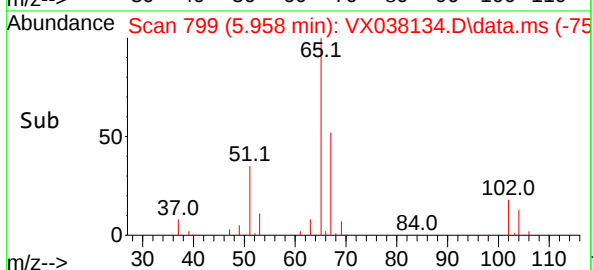
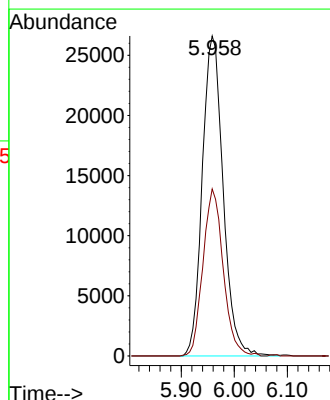
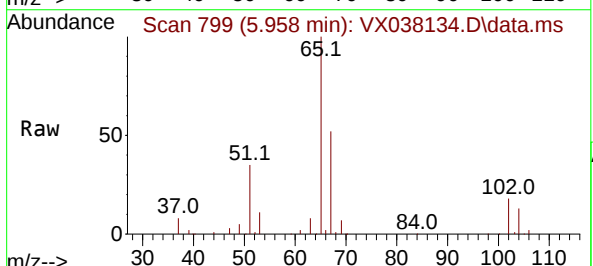
Instrument :
MSVOA_X
ClientSampleId :
TB-20231005

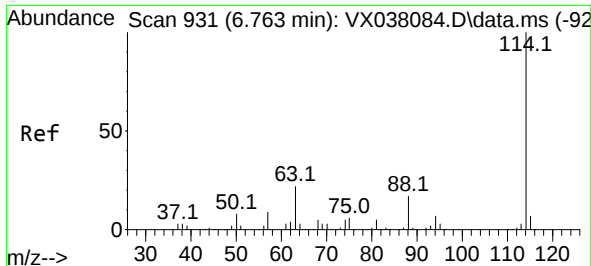
Tgt Ion:168 Resp: 98478
Ion Ratio Lower Upper
168 100
99 58.4 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 45.865 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038134.D
Acq: 06 Oct 2023 16:31

Tgt Ion: 65 Resp: 72648
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2

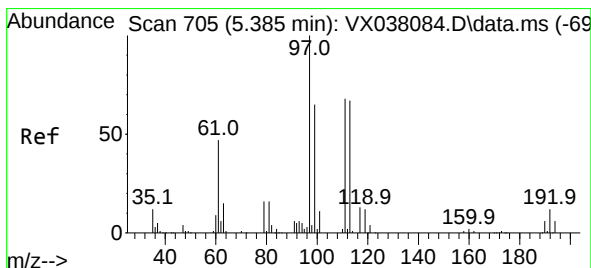
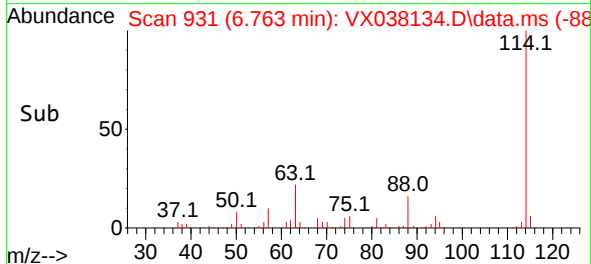
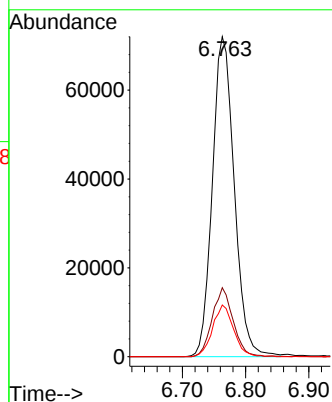
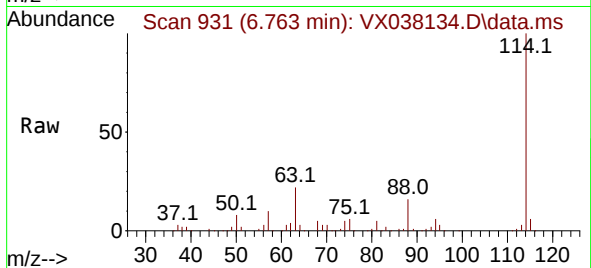




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038134.D
Acq: 06 Oct 2023 16:31

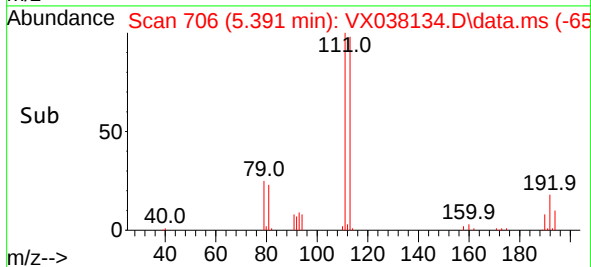
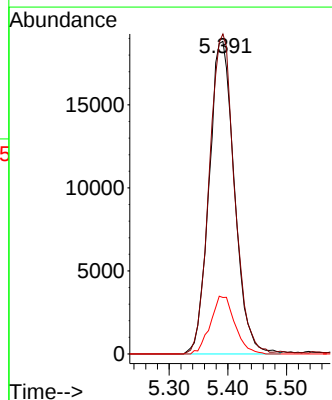
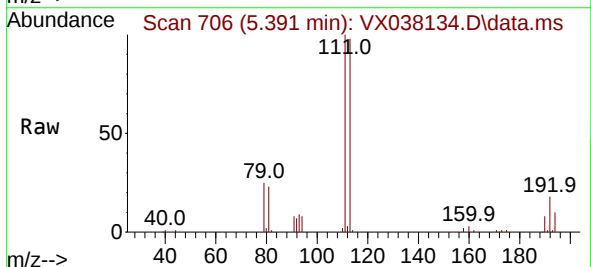
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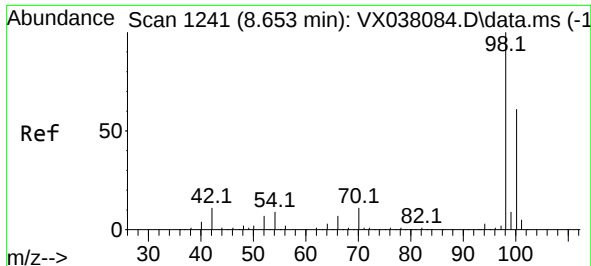
Tgt Ion:114 Resp: 173389
Ion Ratio Lower Upper
114 100
63 21.6 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.039 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038134.D
Acq: 06 Oct 2023 16:31

Tgt Ion:113 Resp: 56271
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 17.8 13.3 19.9

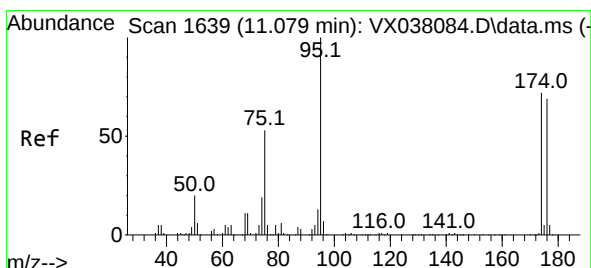
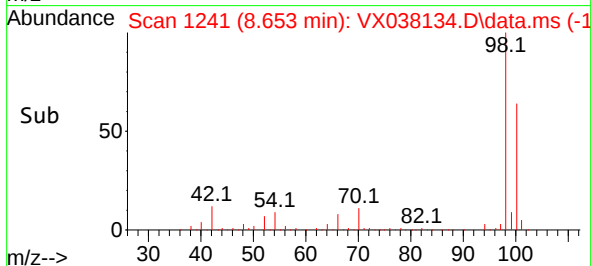
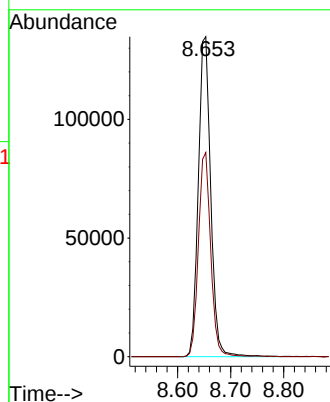
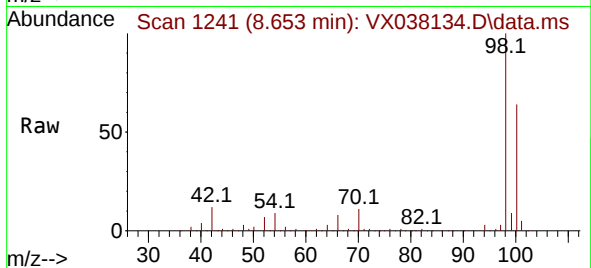




#50
Toluene-d8
Concen: 45.917 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX038134.D
Acq: 06 Oct 2023 16:31

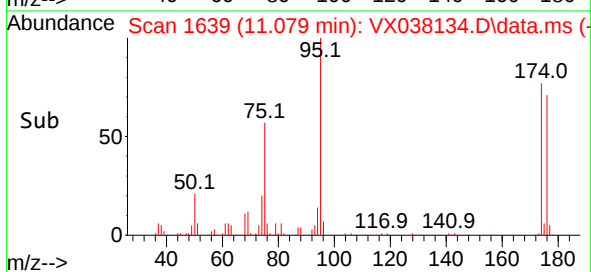
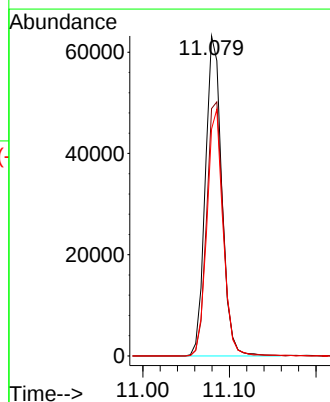
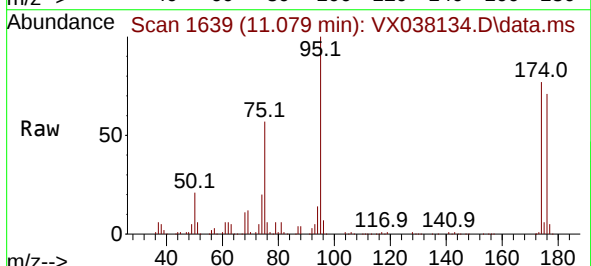
Instrument :
MSVOA_X
ClientSampleId :
TB-20231005

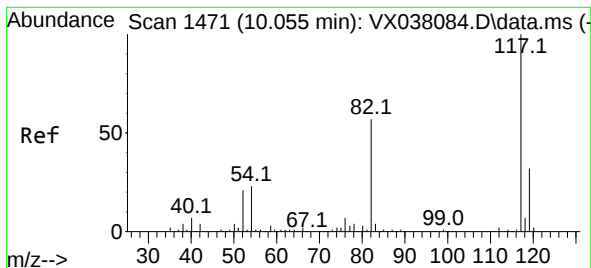
Tgt Ion: 98 Resp: 219217
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.840 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038134.D
Acq: 06 Oct 2023 16:31

Tgt Ion: 95 Resp: 82967
Ion Ratio Lower Upper
95 100
174 80.9 0.0 135.6
176 76.1 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: VX038134.D

Acq: 06 Oct 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

TB-20231005

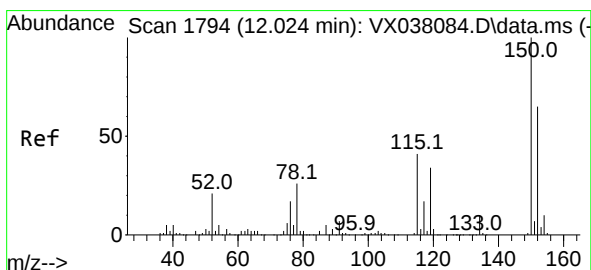
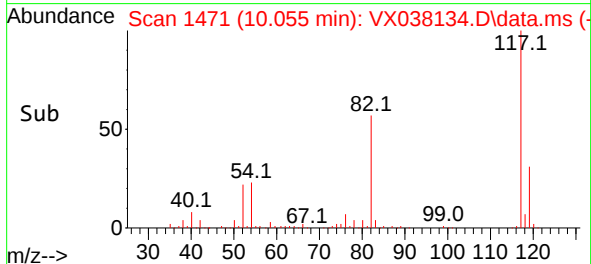
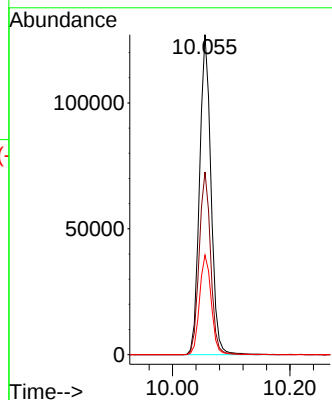
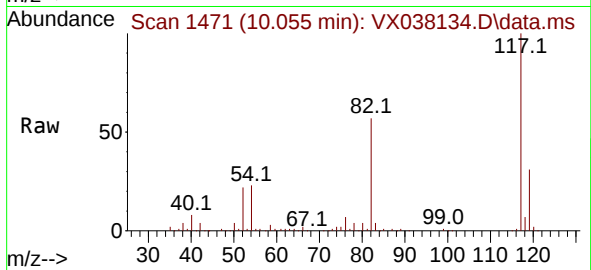
Tgt Ion:117 Resp: 172194

Ion Ratio Lower Upper

117 100

82 57.1 46.2 69.4

119 31.1 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038134.D

Acq: 06 Oct 2023 16:31

Tgt Ion:152 Resp: 89843

Ion Ratio Lower Upper

152 100

115 60.4 43.3 129.9

150 155.1 0.0 345.0

