

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101823\
 Data File : VX038358.D
 Acq On : 18 Oct 2023 13:30
 Operator : JC/MD
 Sample : 04938-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-8

Quant Time: Oct 19 01:39:39 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	119544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	214736	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117597	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83776	43.570	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.140%
35) Dibromofluoromethane	5.385	113	67025	43.317	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.640%
50) Toluene-d8	8.647	98	271665	45.946	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.900%#
62) 4-Bromofluorobenzene	11.079	95	105161	46.914	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.820%

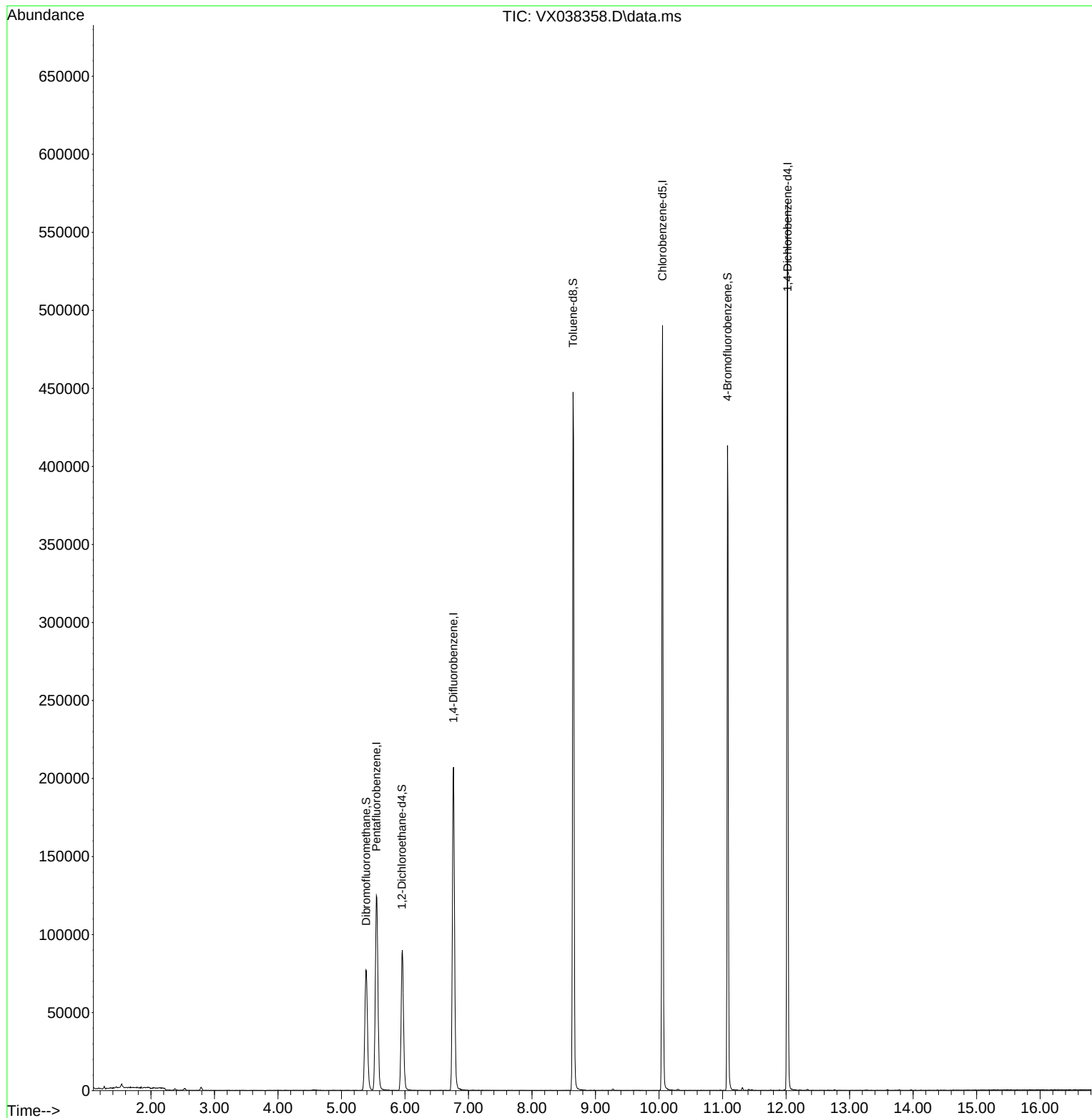
Target Compounds	Qvalue

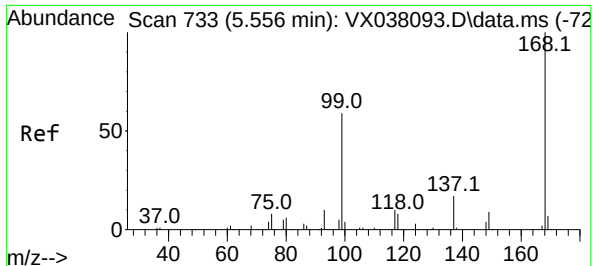
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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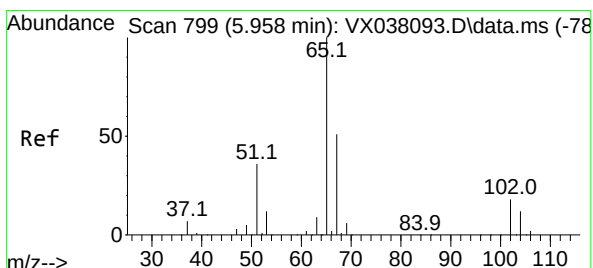
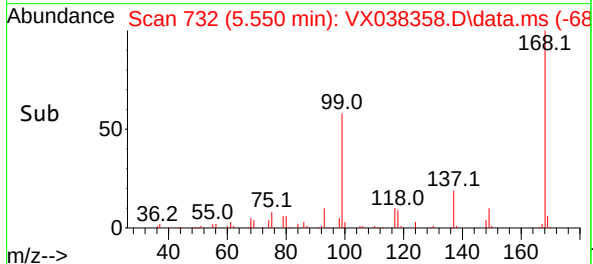
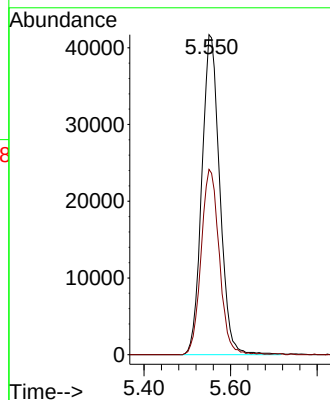
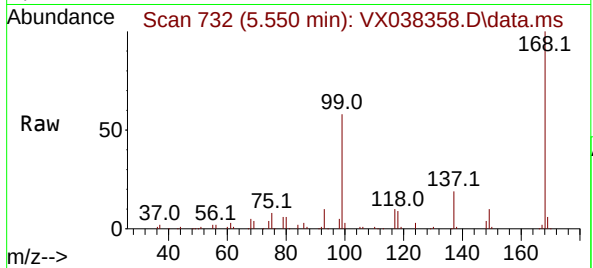




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038358.D
Acq: 18 Oct 2023 13:30

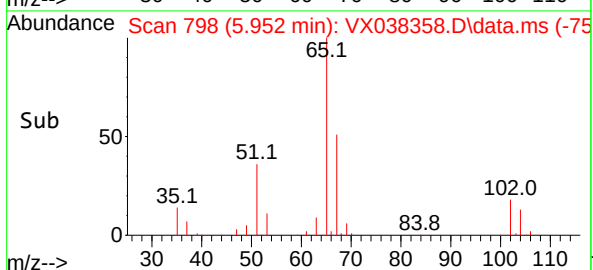
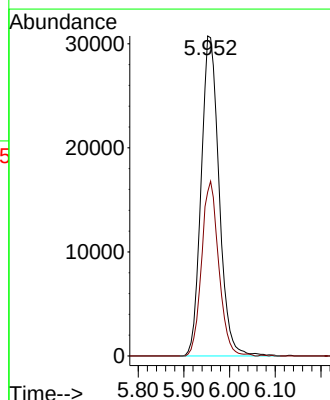
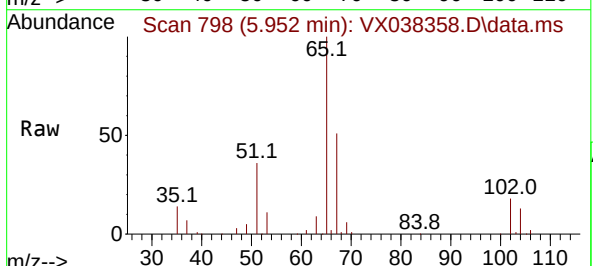
Instrument :
MSVOA_X
ClientSampleId :
TB-8

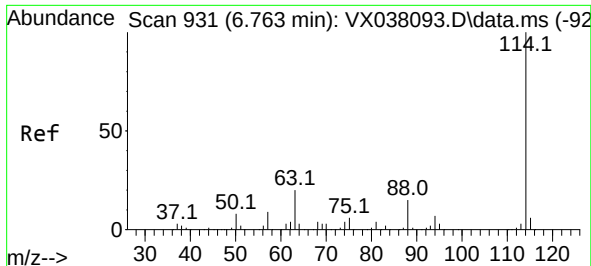
Tgt Ion:168 Resp: 119544
Ion Ratio Lower Upper
168 100
99 57.9 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 43.570 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038358.D
Acq: 18 Oct 2023 13:30

Tgt Ion: 65 Resp: 83776
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2

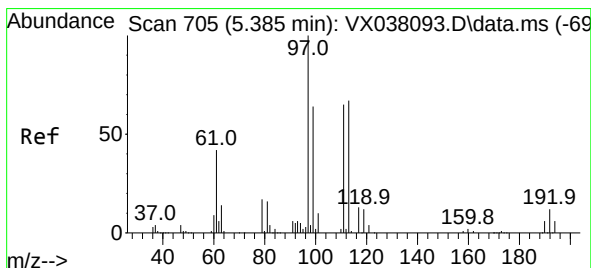
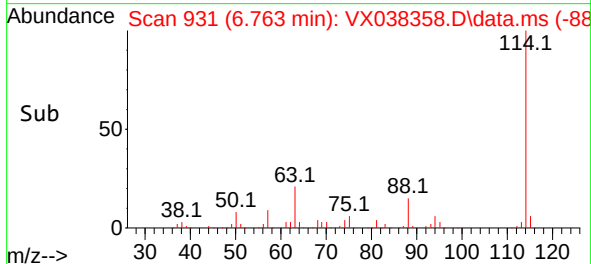
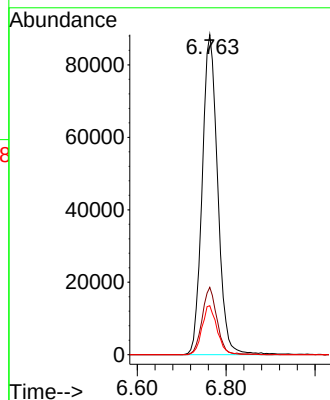
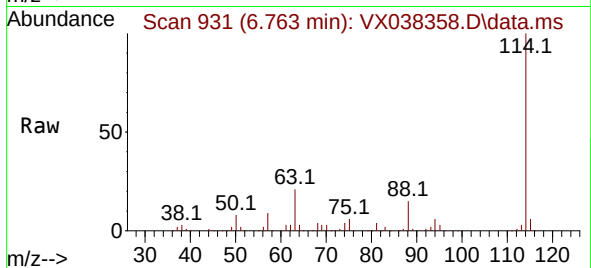




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038358.D
Acq: 18 Oct 2023 13:30

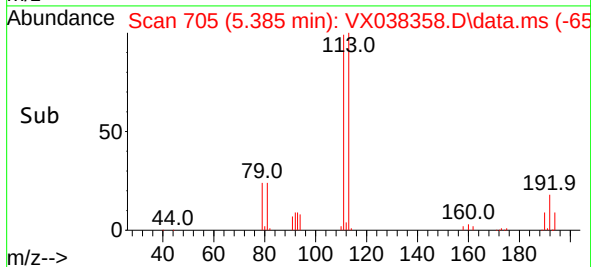
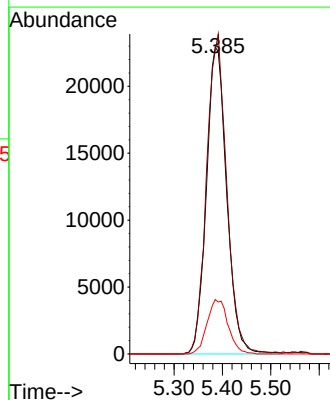
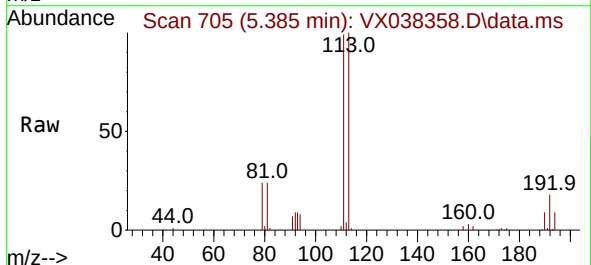
Instrument :
MSVOA_X
ClientSampleId :
TB-8

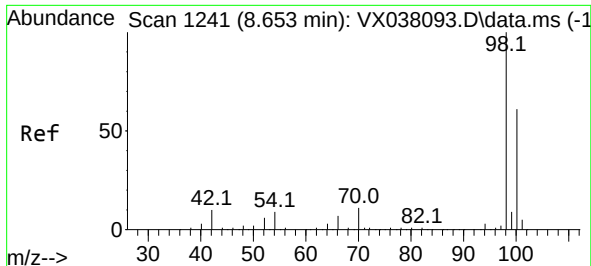
Tgt Ion:114 Resp: 214736
Ion Ratio Lower Upper
114 100
63 21.0 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.317 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038358.D
Acq: 18 Oct 2023 13:30

Tgt Ion:113 Resp: 67025
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.3 13.3 19.9

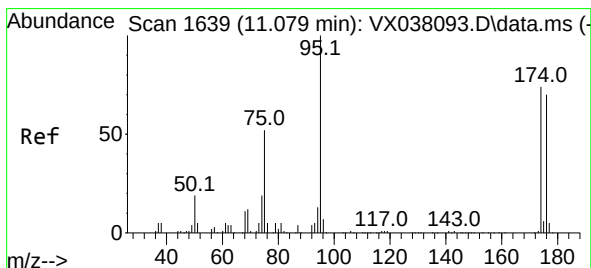
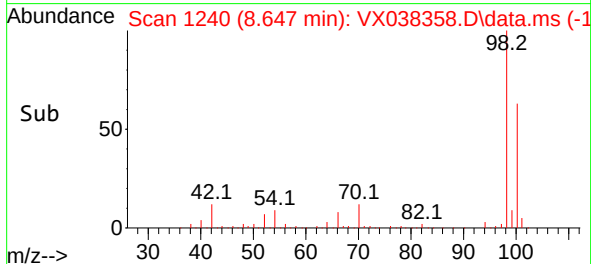
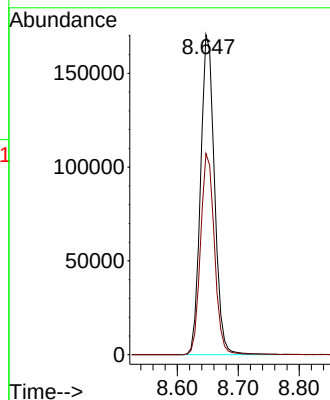
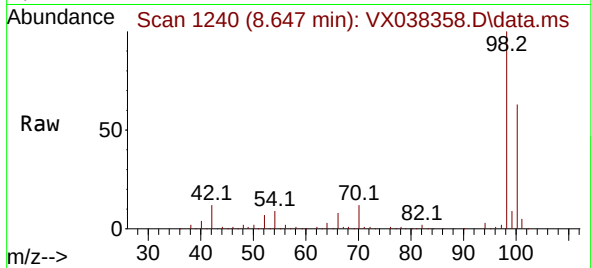




#50
Toluene-d8
Concen: 45.946 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038358.D
Acq: 18 Oct 2023 13:30

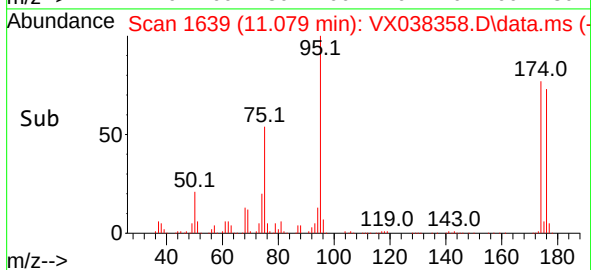
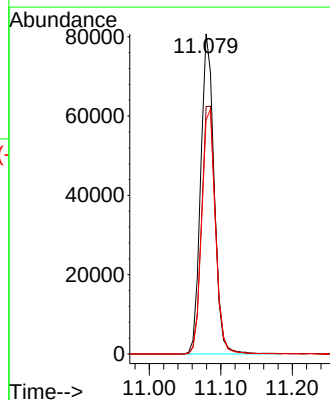
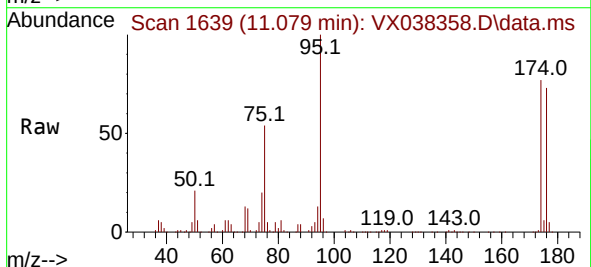
Instrument :
MSVOA_X
ClientSampleId :
TB-8

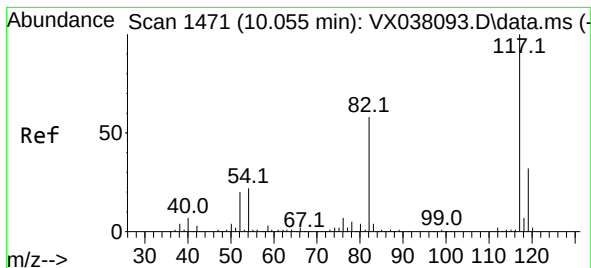
Tgt Ion: 98 Resp: 271665
Ion Ratio Lower Upper
98 100
100 62.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.914 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038358.D
Acq: 18 Oct 2023 13:30

Tgt Ion: 95 Resp: 105161
Ion Ratio Lower Upper
95 100
174 80.7 0.0 135.6
176 78.0 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: VX038358.D

Acq: 18 Oct 2023 13:30

Instrument :

MSVOA_X

ClientSampleId :

TB-8

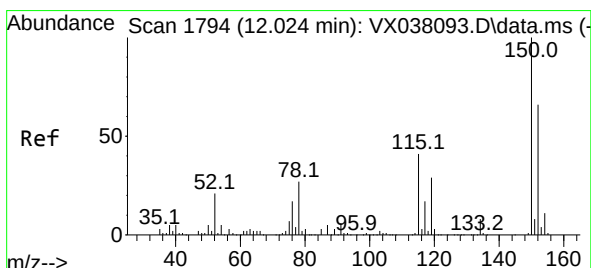
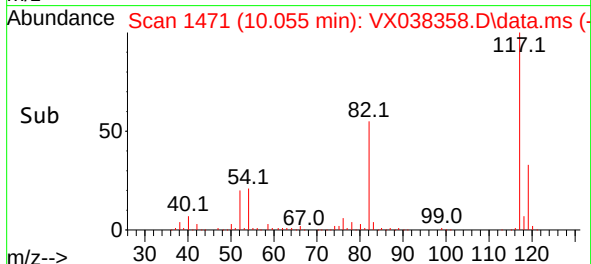
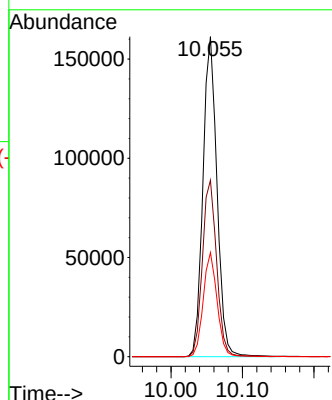
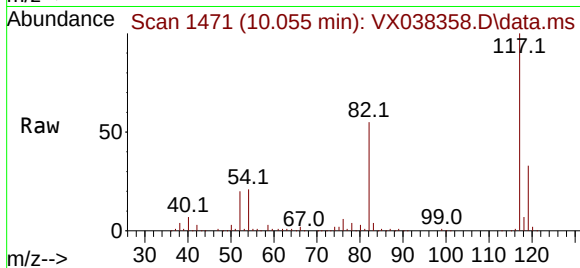
Tgt Ion:117 Resp: 220494

Ion Ratio Lower Upper

117 100

82 55.2 46.2 69.4

119 32.6 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: VX038358.D

Acq: 18 Oct 2023 13:30

Tgt Ion:152 Resp: 117597

Ion Ratio Lower Upper

152 100

115 60.3 43.3 129.9

150 157.7 0.0 345.0

