

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102423\
 Data File : VX038459.D
 Acq On : 24 Oct 2023 16:41
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 25 06:10:19 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	161594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	284888	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	285132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152681	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	107126	41.216	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.440%
35) Dibromofluoromethane	5.391	113	89404	43.552	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.100%
50) Toluene-d8	8.647	98	344268	43.888	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.780%#
62) 4-Bromofluorobenzene	11.079	95	137835	46.349	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.700%

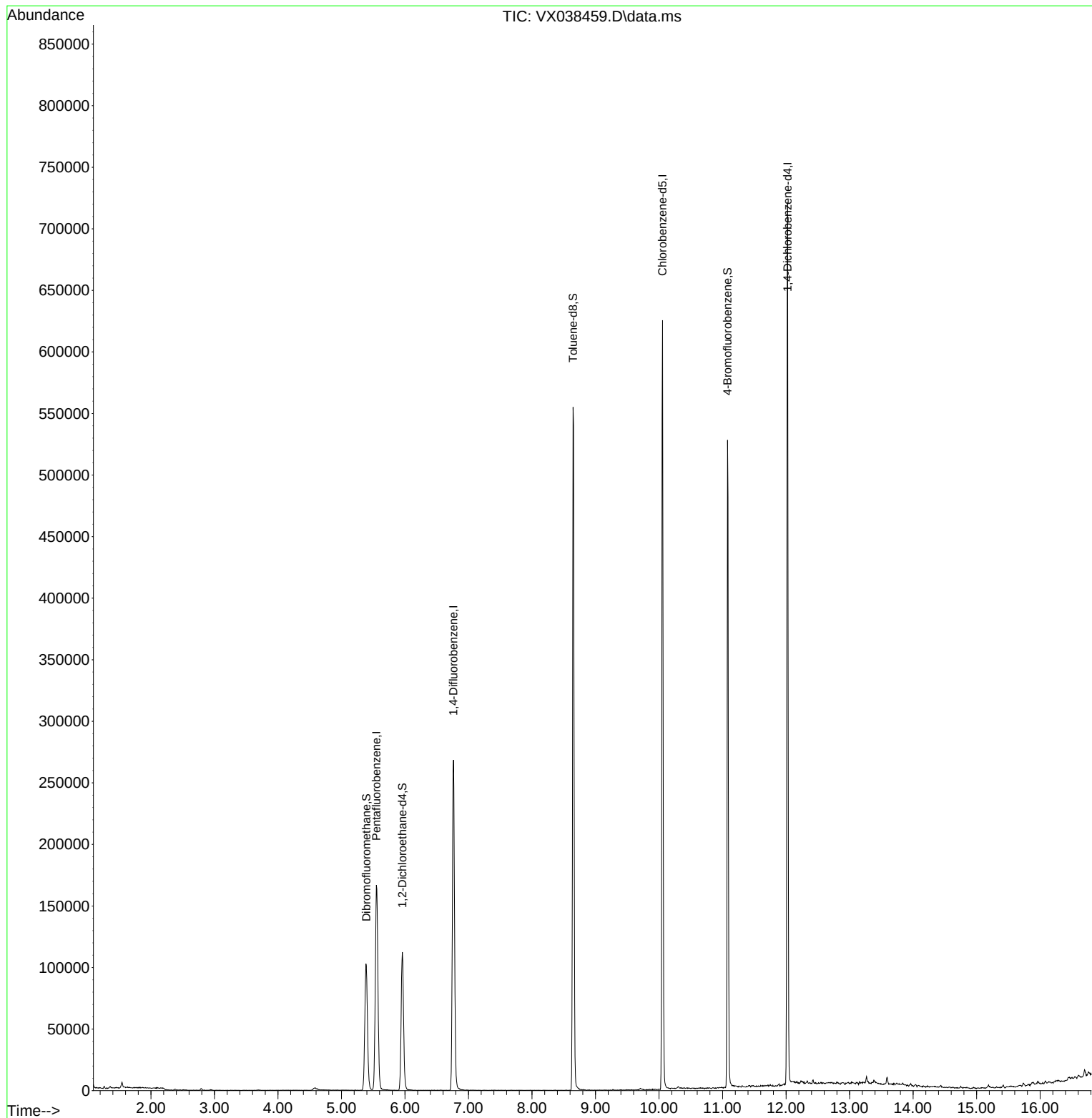
Target Compounds	Qvalue

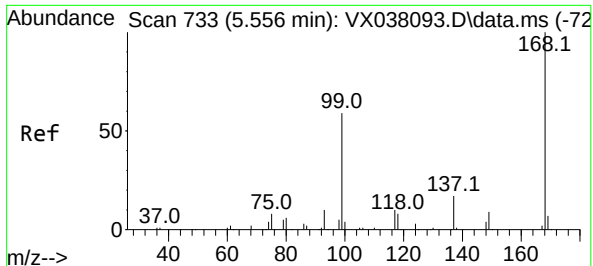
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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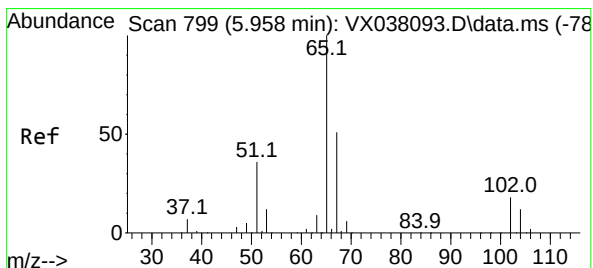
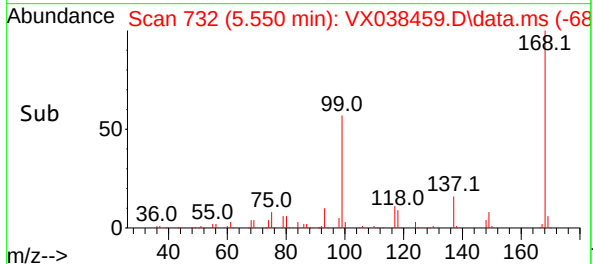
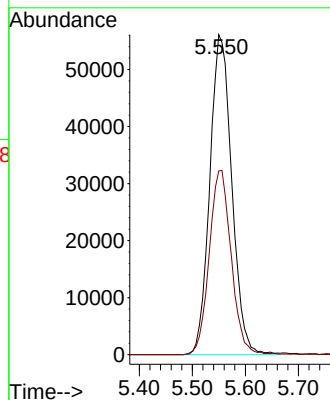
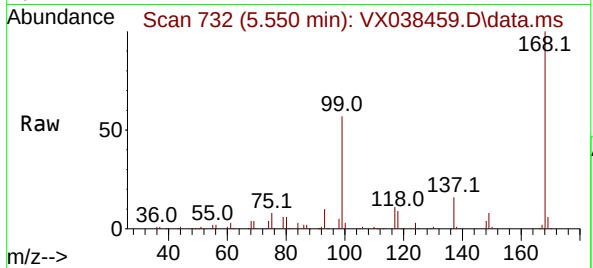




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038459.D
Acq: 24 Oct 2023 16:41

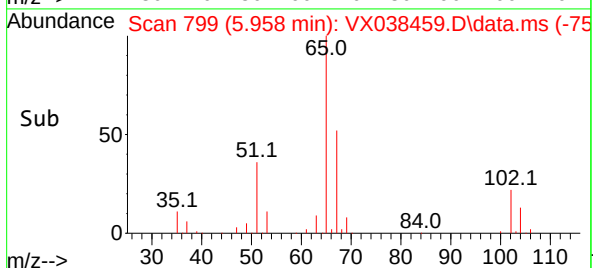
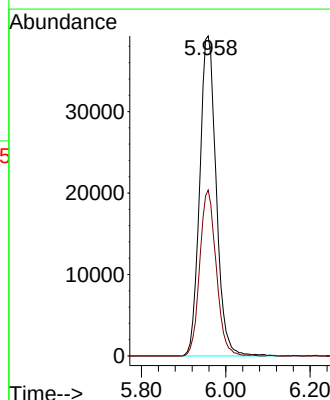
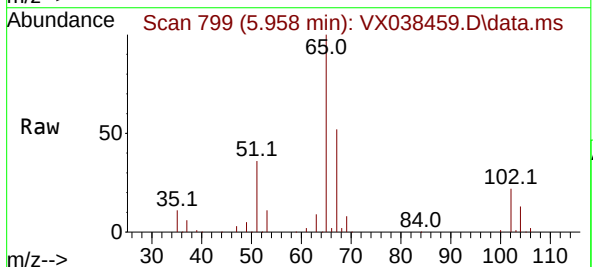
Instrument :
MSVOA_X
ClientSampleId :
IBLK

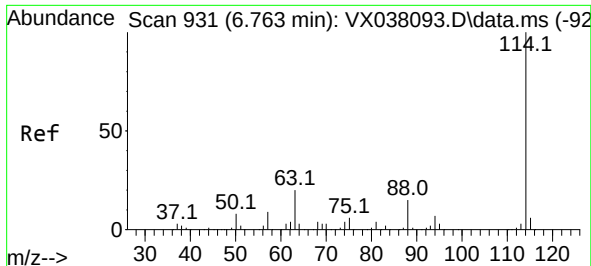
Tgt Ion:168 Resp: 161594
Ion Ratio Lower Upper
168 100
99 57.4 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 41.216 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038459.D
Acq: 24 Oct 2023 16:41

Tgt Ion: 65 Resp: 107126
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

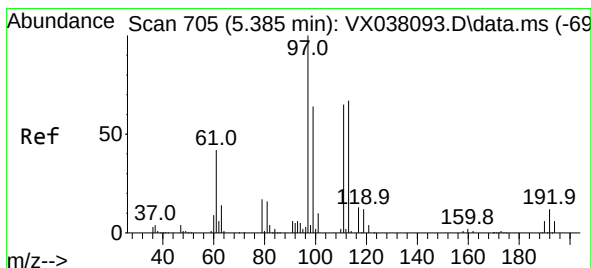
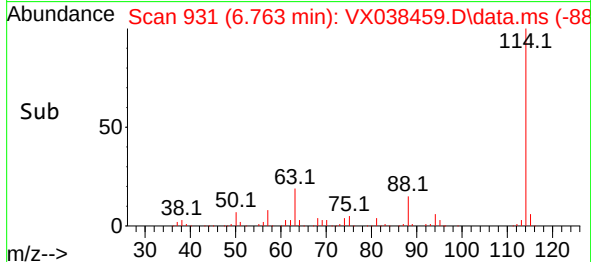
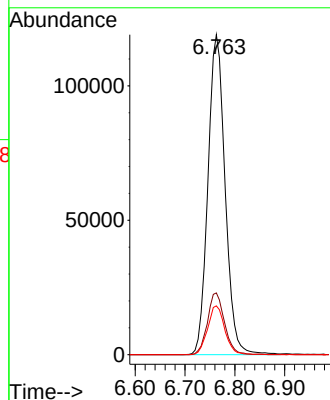
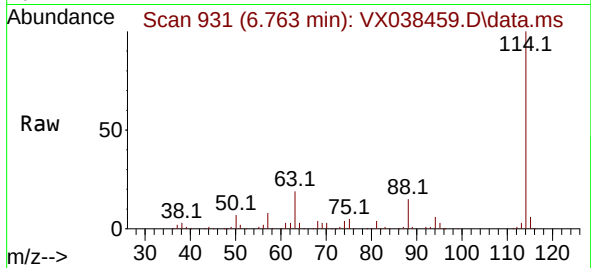




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038459.D
Acq: 24 Oct 2023 16:41

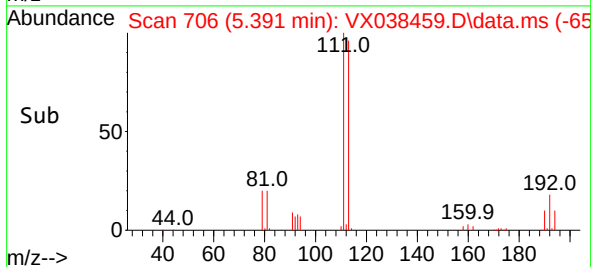
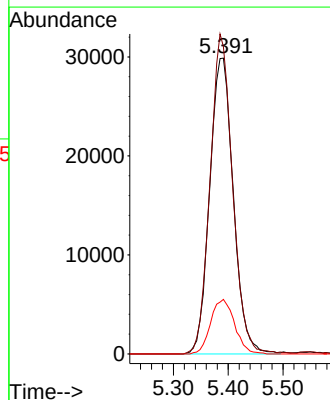
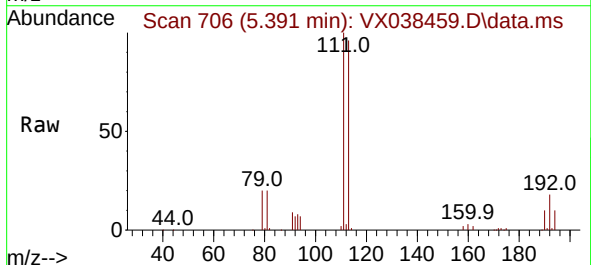
Instrument :
MSVOA_X
ClientSampleId :
IBLK

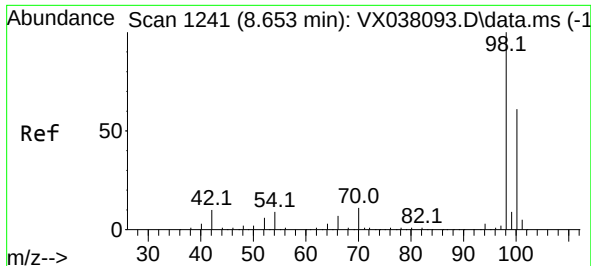
Tgt Ion:114 Resp: 284888
Ion Ratio Lower Upper
114 100
63 19.3 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.552 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038459.D
Acq: 24 Oct 2023 16:41

Tgt Ion:113 Resp: 89404
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.7 13.3 19.9





#50

Toluene-d8

Concen: 43.888 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX038459.D

Acq: 24 Oct 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

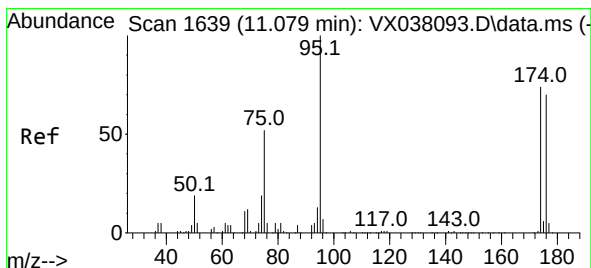
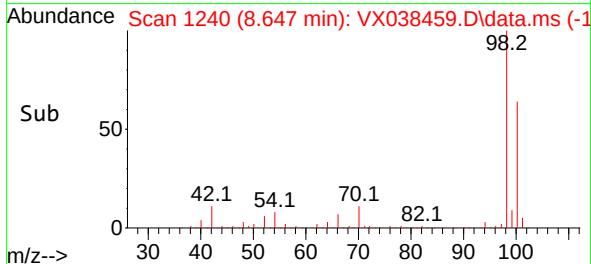
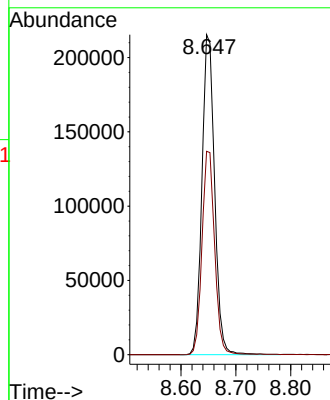
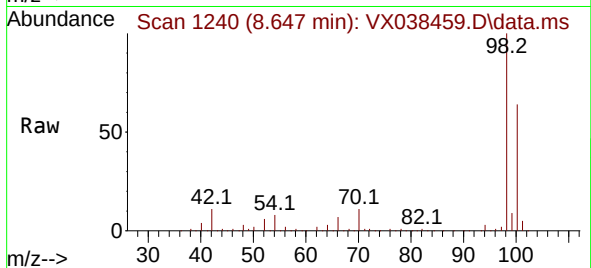
IBLK

Tgt Ion: 98 Resp: 344268

Ion Ratio Lower Upper

98 100

100 63.6 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 46.349 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038459.D

Acq: 24 Oct 2023 16:41

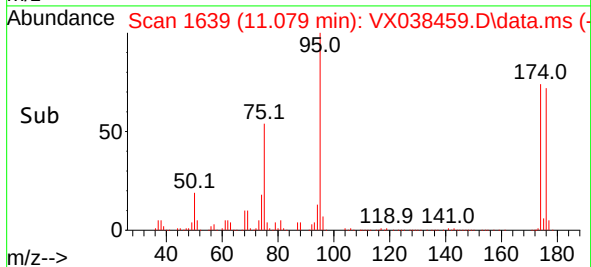
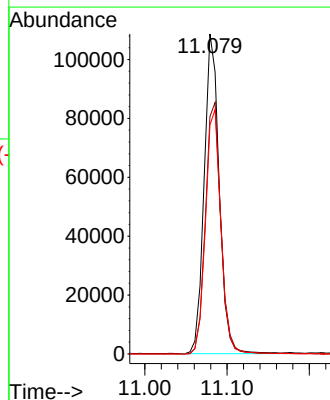
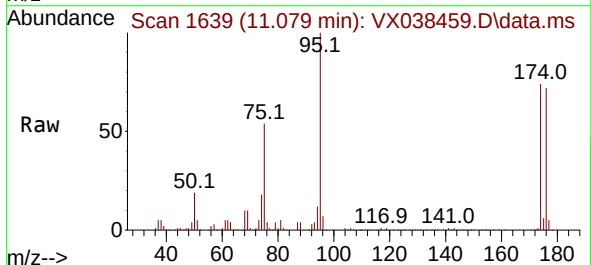
Tgt Ion: 95 Resp: 137835

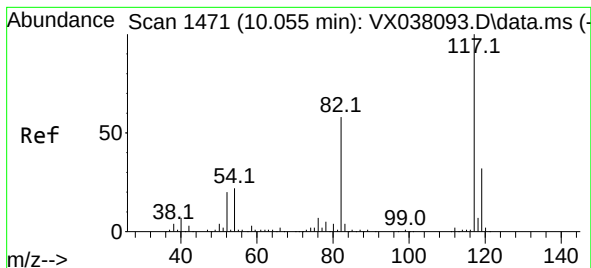
Ion Ratio Lower Upper

95 100

174 81.0 0.0 135.6

176 78.3 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: VX038459.D

Acq: 24 Oct 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

IBLK

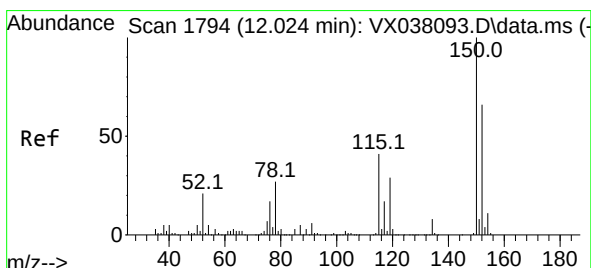
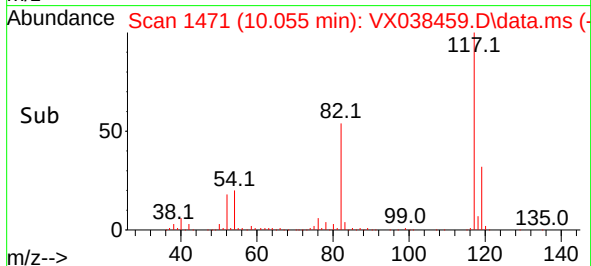
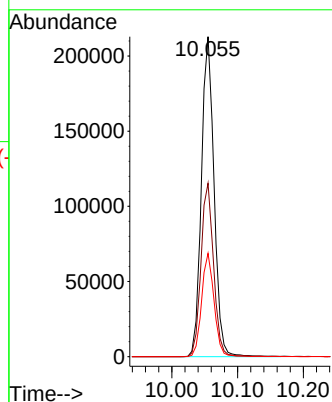
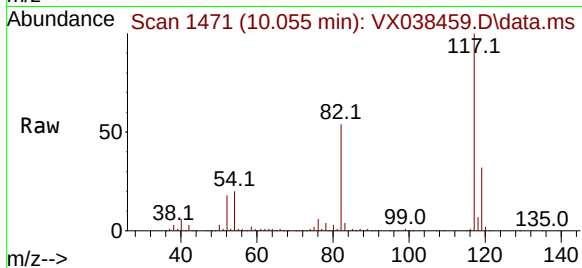
Tgt Ion:117 Resp: 285132

Ion Ratio Lower Upper

117 100

82 54.2 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# 1794

Delta R.T. 0.000 min

Lab File: VX038459.D

Acq: 24 Oct 2023 16:41

Tgt Ion:152 Resp: 152681

Ion Ratio Lower Upper

152 100

115 60.4 43.3 129.9

150 157.4 0.0 345.0

