

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061323\
 Data File : VX036132.D
 Acq On : 13 Jun 2023 09:38
 Operator : JC/MD
 Sample : VX0613MBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613MBL01

Quant Time: Jun 14 00:50:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	226517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	372320	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	333724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	156825	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	175288	47.655	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.300%
35) Dibromofluoromethane	5.379	113	118037	47.136	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.280%
50) Toluene-d8	8.647	98	441902	49.169	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.340%
62) 4-Bromofluorobenzene	11.079	95	174403	49.157	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.320%

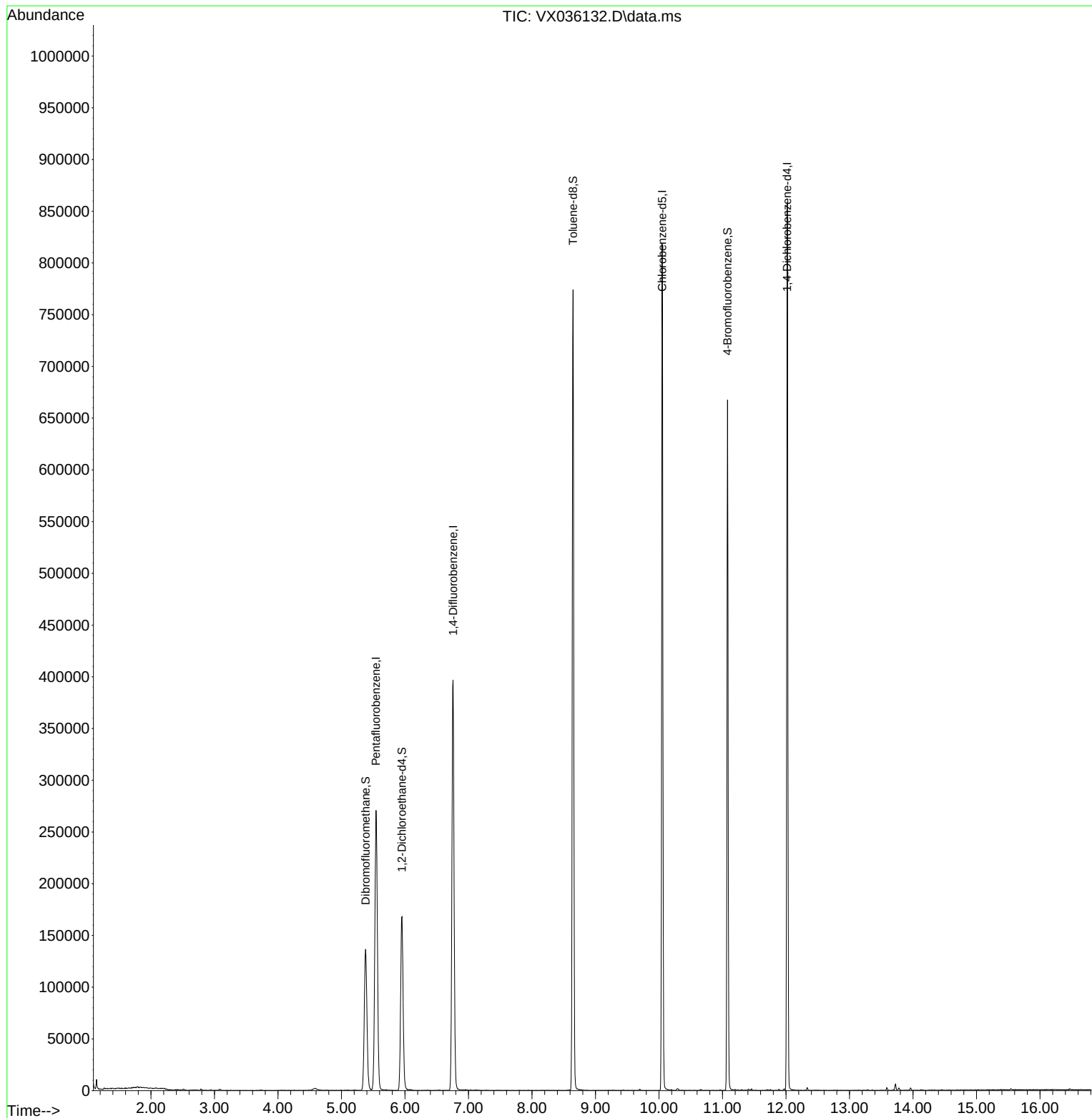
Target Compounds	Qvalue

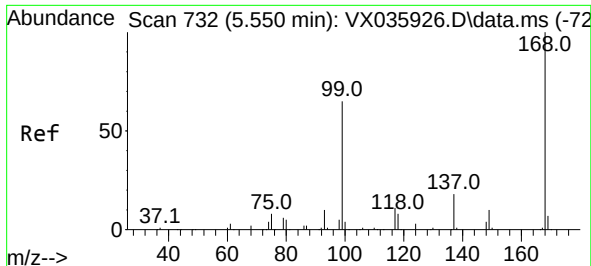
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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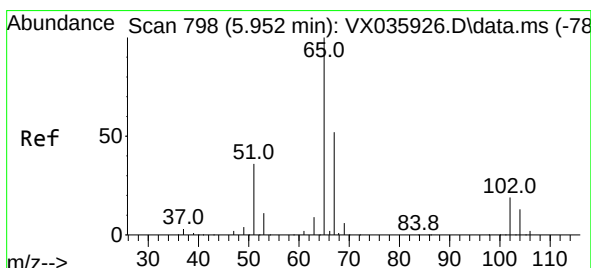
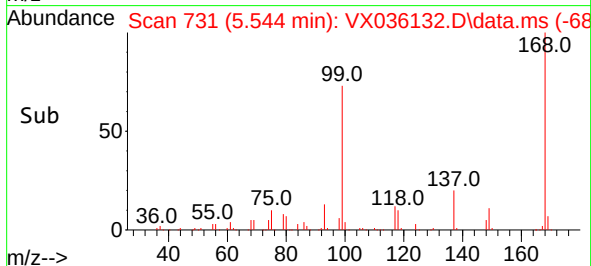
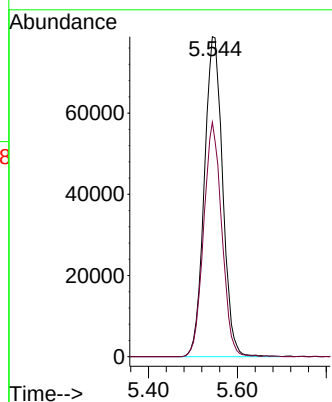
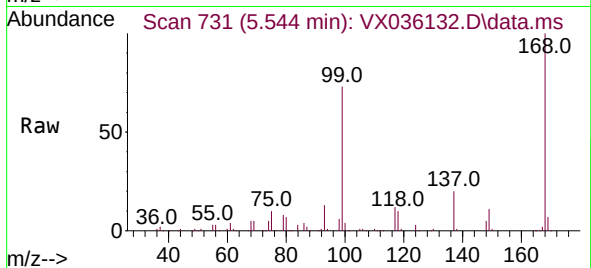




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.005 min
Lab File: VX036132.D
Acq: 13 Jun 2023 09:38

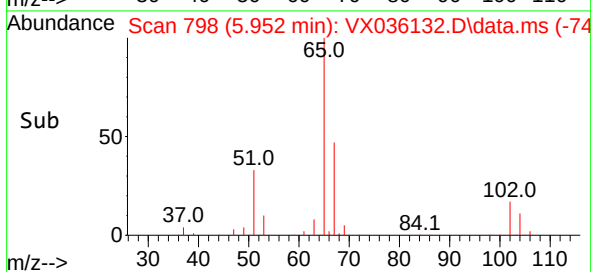
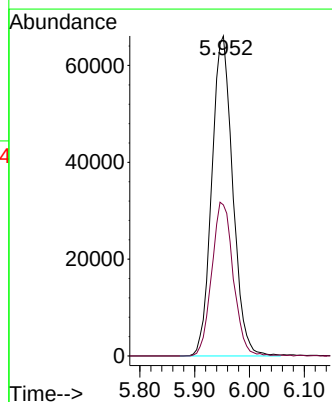
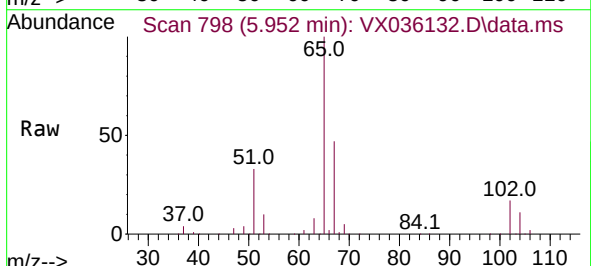
Instrument :
MSVOA_X
ClientSampleId :
VX0613MBL01

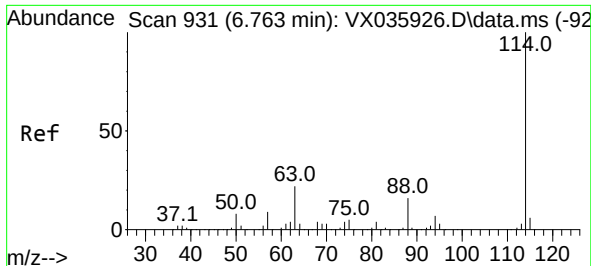
Tgt Ion:168 Resp: 226517
Ion Ratio Lower Upper
168 100
99 73.3 57.0 85.6



#33
1,2-Dichloroethane-d4
Concen: 47.655 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX036132.D
Acq: 13 Jun 2023 09:38

Tgt Ion: 65 Resp: 175288
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.6

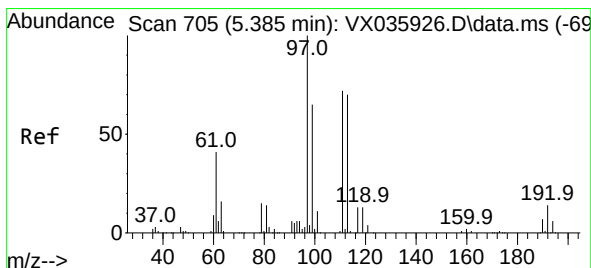
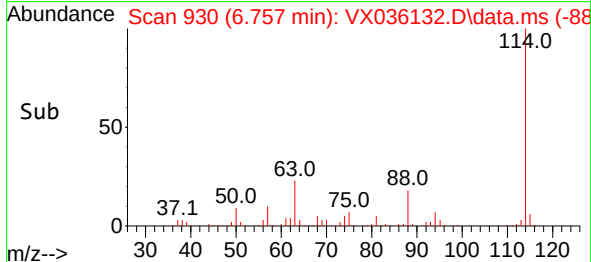
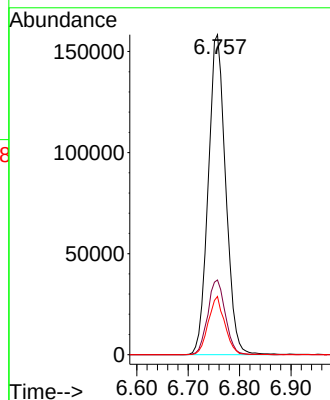
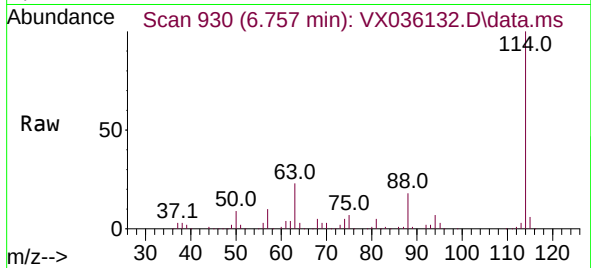




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX036132.D
Acq: 13 Jun 2023 09:38

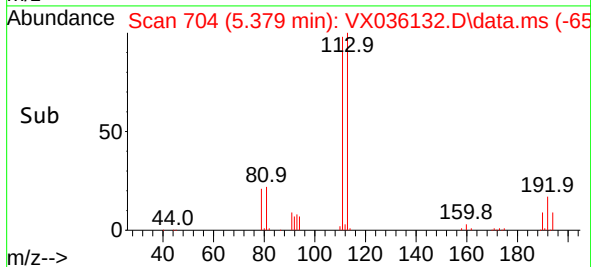
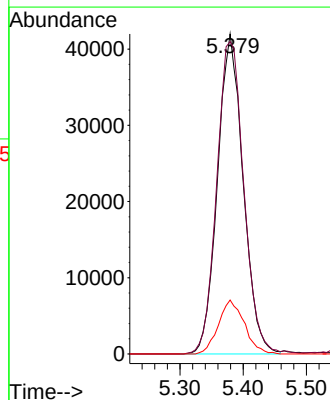
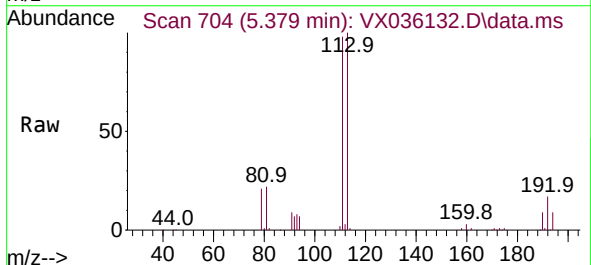
Instrument :
MSVOA_X
ClientSampleId :
VX0613MBL01

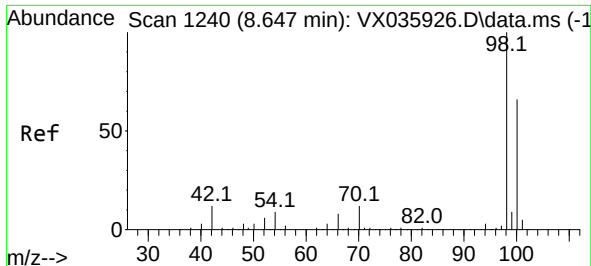
Tgt Ion:114 Resp: 372320
Ion Ratio Lower Upper
114 100
63 23.3 0.0 46.0
88 18.2 0.0 35.2



#35
Dibromofluoromethane
Concen: 47.136 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036132.D
Acq: 13 Jun 2023 09:38

Tgt Ion:113 Resp: 118037
Ion Ratio Lower Upper
113 100
111 103.4 81.7 122.5
192 17.0 13.5 20.3

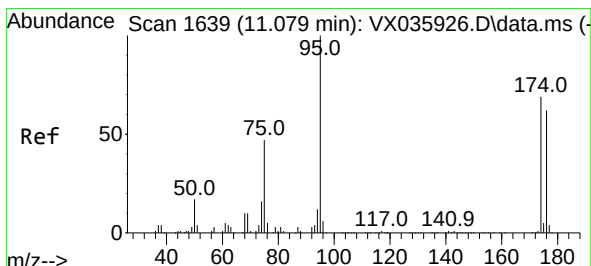
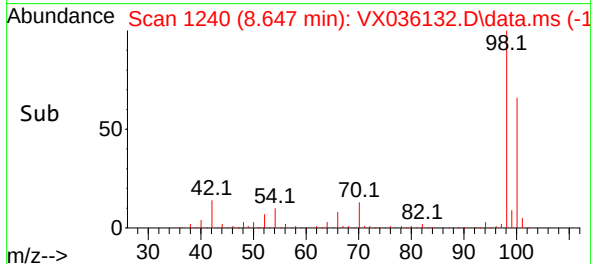
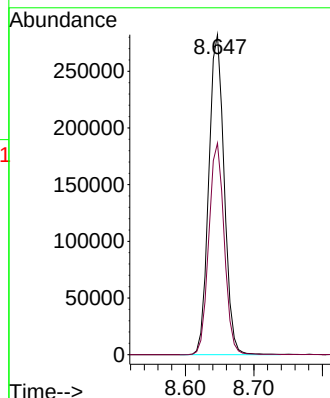
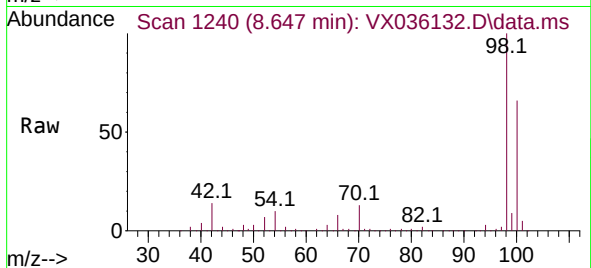




#50
Toluene-d8
Concen: 49.169 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036132.D
Acq: 13 Jun 2023 09:38

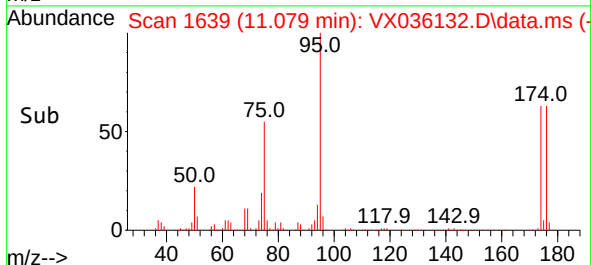
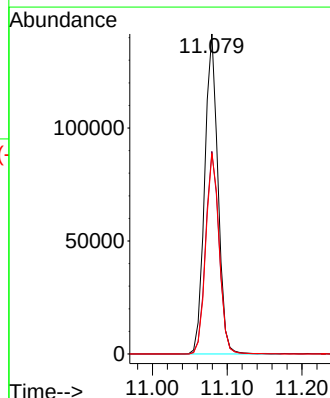
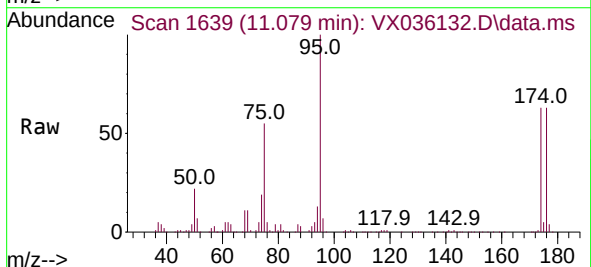
Instrument :
MSVOA_X
ClientSampleId :
VX0613MBL01

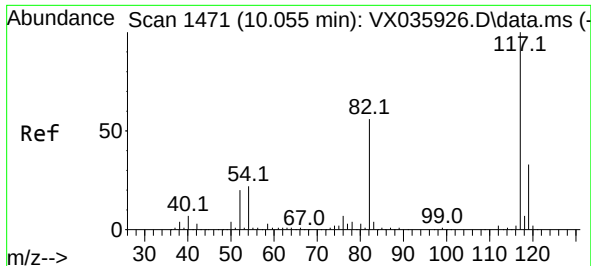
Tgt Ion: 98 Resp: 441902
Ion Ratio Lower Upper
98 100
100 66.2 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 49.157 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036132.D
Acq: 13 Jun 2023 09:38

Tgt Ion: 95 Resp: 174403
Ion Ratio Lower Upper
95 100
174 64.0 0.0 132.6
176 63.4 0.0 128.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX036132.D

Acq: 13 Jun 2023 09:38

Instrument :

MSVOA_X

ClientSampleId :

VX0613MBL01

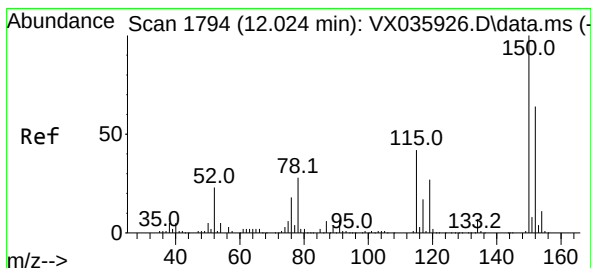
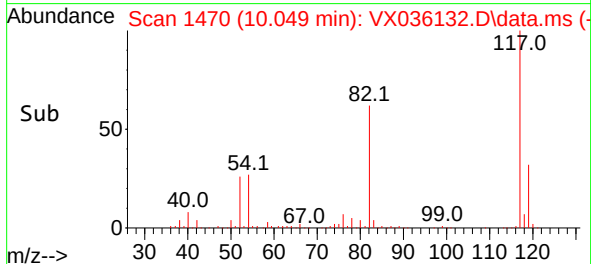
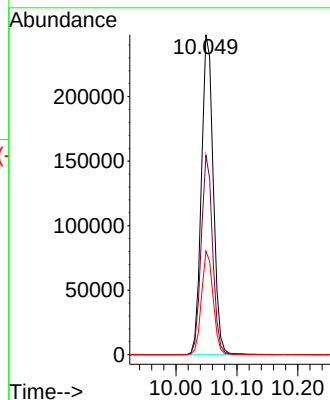
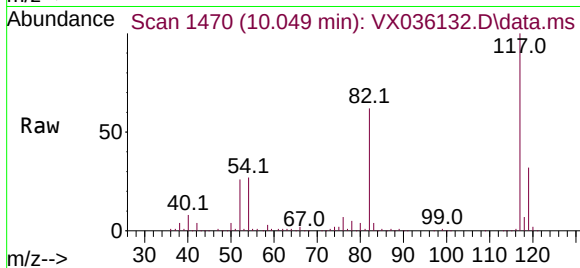
Tgt Ion:117 Resp: 333724

Ion Ratio Lower Upper

117 100

82 62.3 46.6 69.8

119 32.4 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX036132.D

Acq: 13 Jun 2023 09:38

Tgt Ion:152 Resp: 156825

Ion Ratio Lower Upper

152 100

115 65.6 45.5 136.5

150 157.8 0.0 345.2

