

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062123\
 Data File : VX036259.D
 Acq On : 21 Jun 2023 10:34
 Operator : JC/MD
 Sample : VX0621WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBL01

Quant Time: Jun 22 05:00:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	145368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	268729	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	106259	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	123363	46.438	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.880%
35) Dibromofluoromethane	5.385	113	86197	47.301	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.600%
50) Toluene-d8	8.647	98	311558	46.740	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.480%
62) 4-Bromofluorobenzene	11.079	95	114035	42.381	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.760%

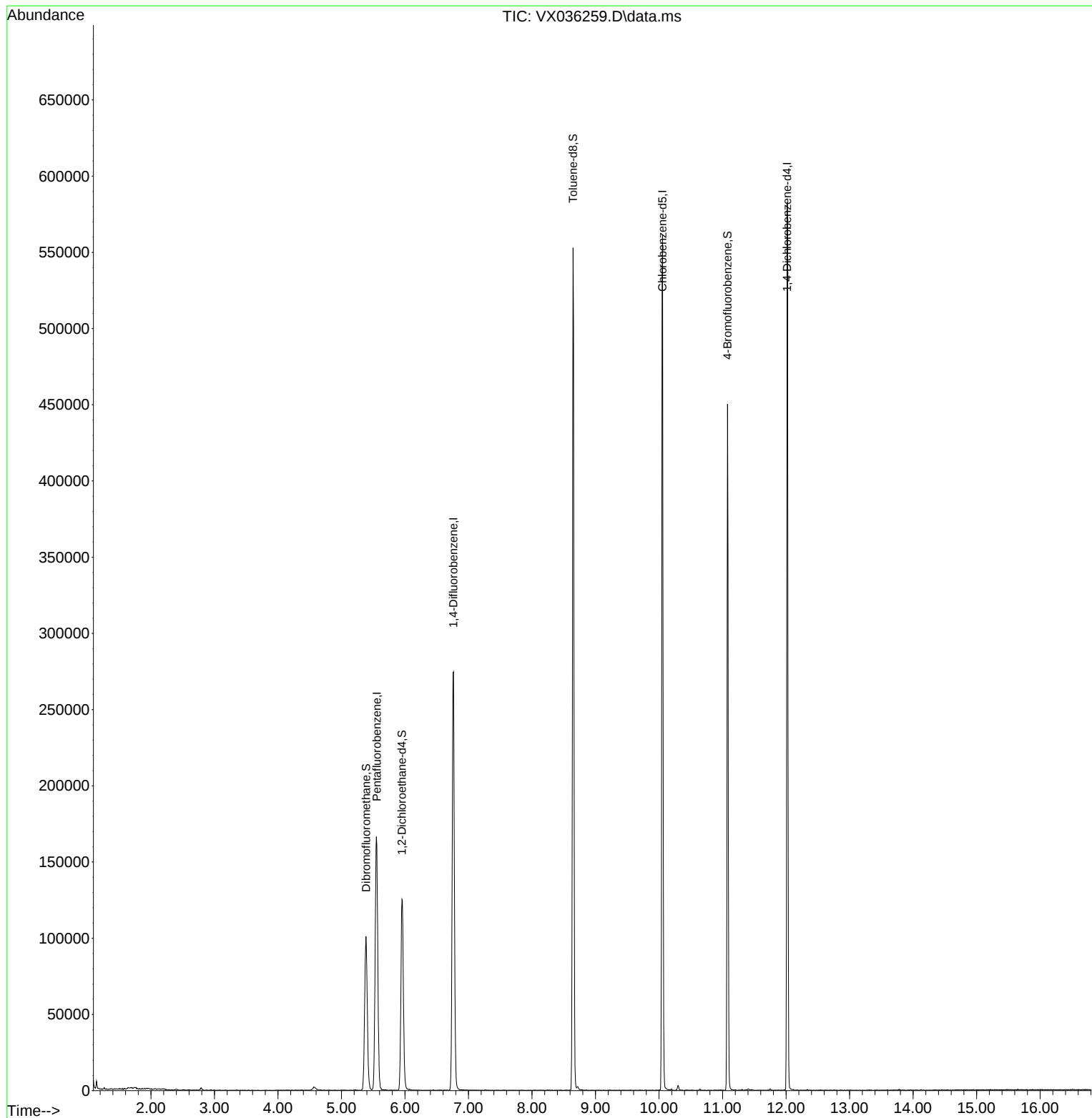
Target Compounds	Qvalue

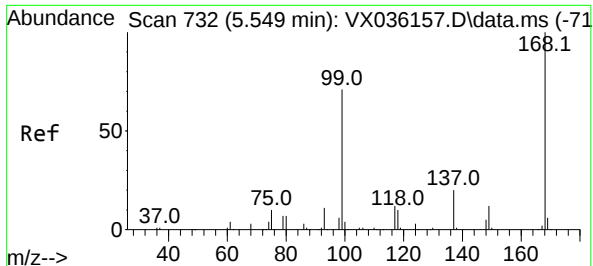
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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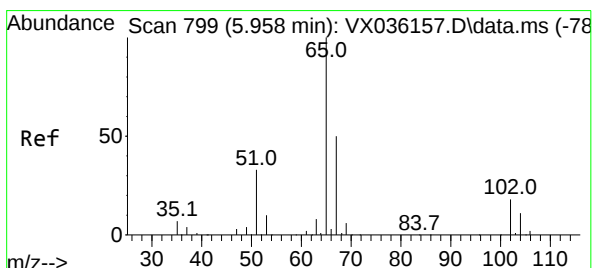
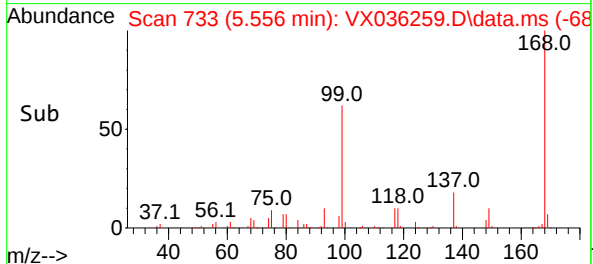
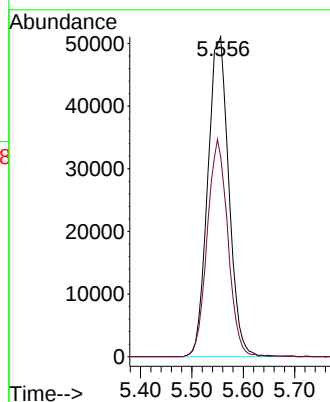
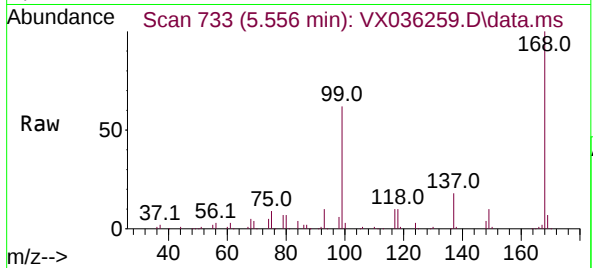




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036259.D
Acq: 21 Jun 2023 10:34

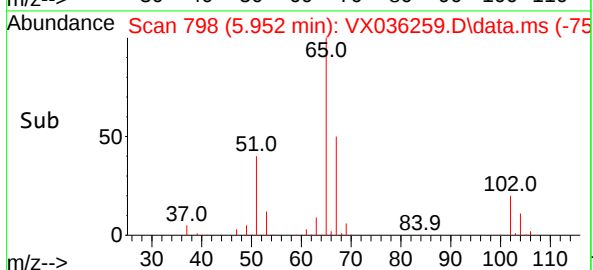
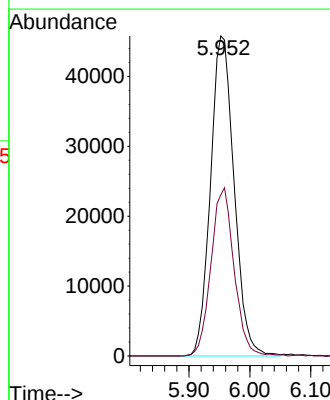
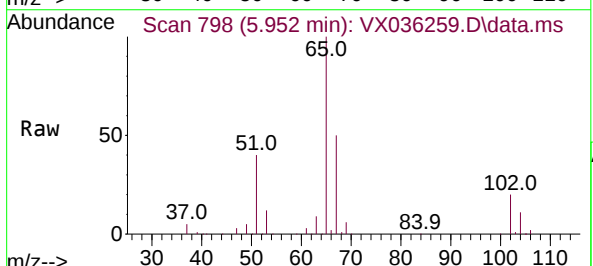
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBL01

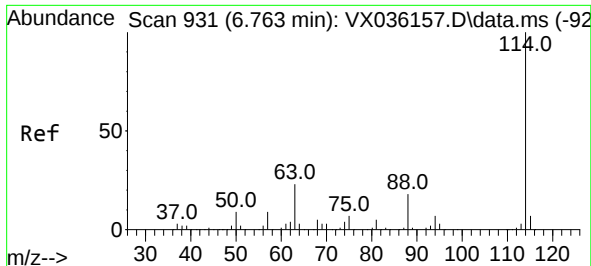
Tgt Ion:168 Resp: 145368
Ion Ratio Lower Upper
168 100
99 62.4 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 46.438 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX036259.D
Acq: 21 Jun 2023 10:34

Tgt Ion: 65 Resp: 123363
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2

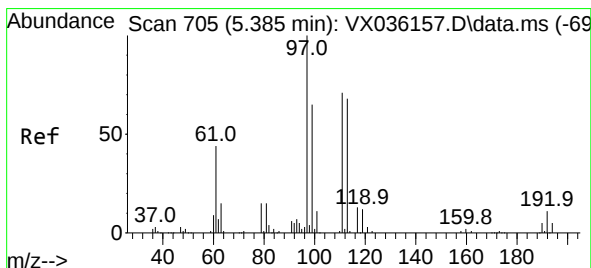
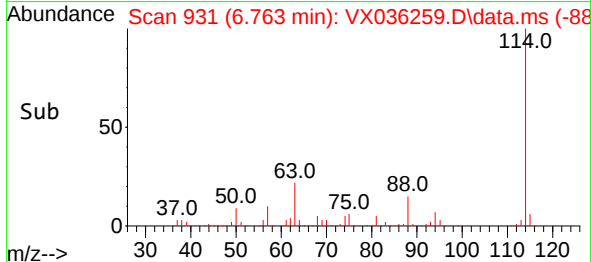
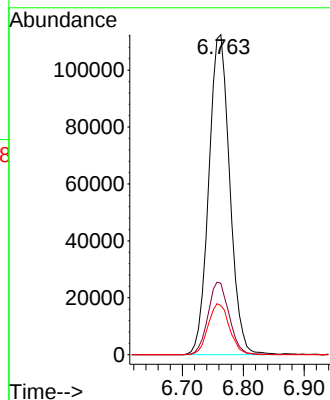
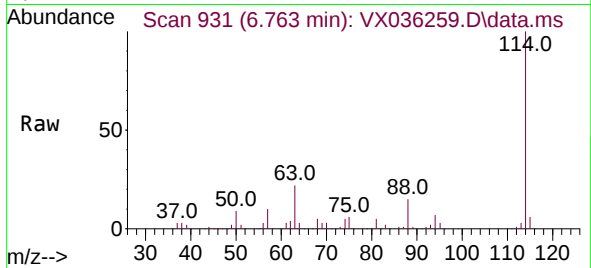




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX036259.D
Acq: 21 Jun 2023 10:34

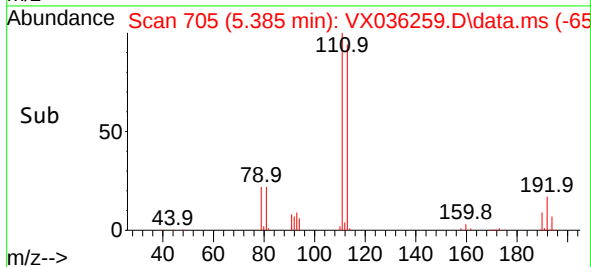
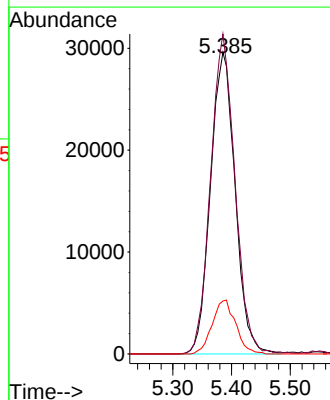
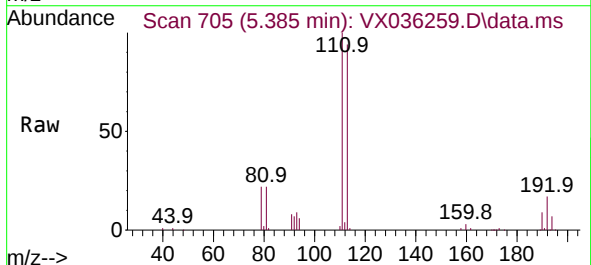
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBL01

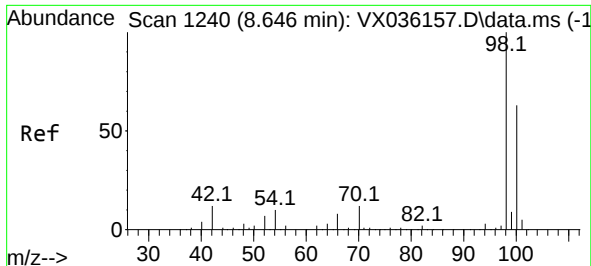
Tgt Ion:114 Resp: 268729
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.301 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036259.D
Acq: 21 Jun 2023 10:34

Tgt Ion:113 Resp: 86197
Ion Ratio Lower Upper
113 100
111 104.9 82.9 124.3
192 17.1 13.3 19.9

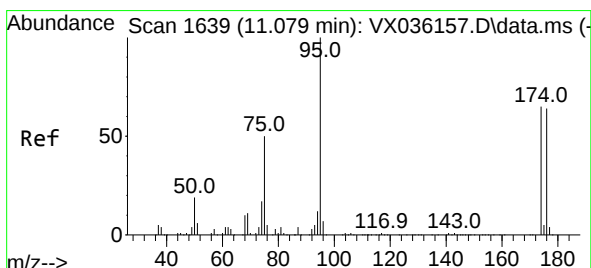
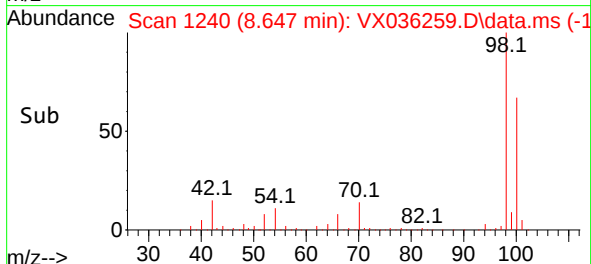
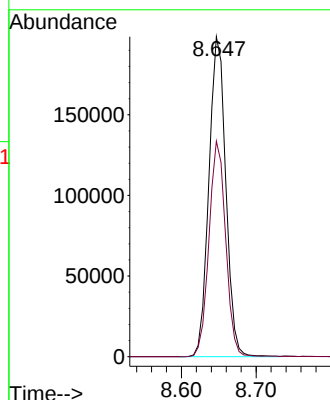
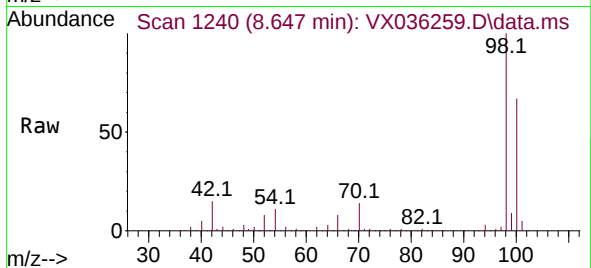




#50
Toluene-d8
Concen: 46.740 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036259.D
Acq: 21 Jun 2023 10:34

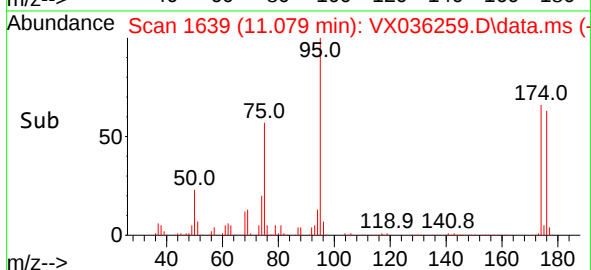
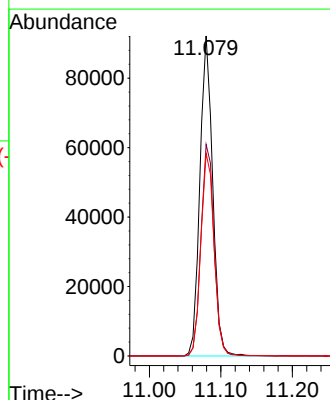
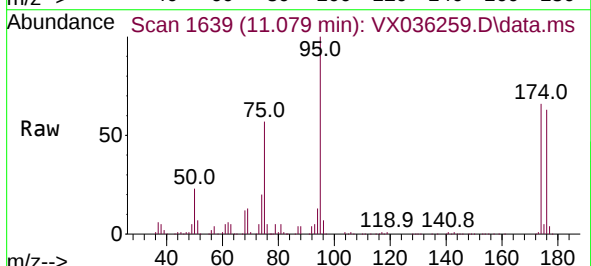
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBL01

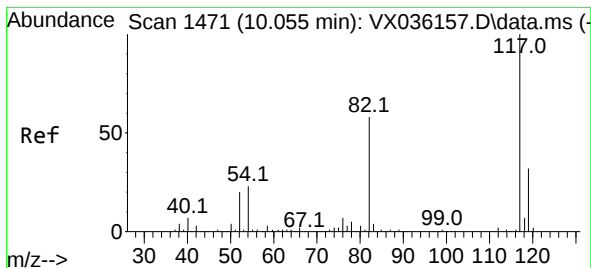
Tgt Ion: 98 Resp: 311558
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 42.381 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036259.D
Acq: 21 Jun 2023 10:34

Tgt Ion: 95 Resp: 114035
Ion Ratio Lower Upper
95 100
174 68.1 0.0 135.6
176 65.5 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: VX036259.D

Acq: 21 Jun 2023 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBL01

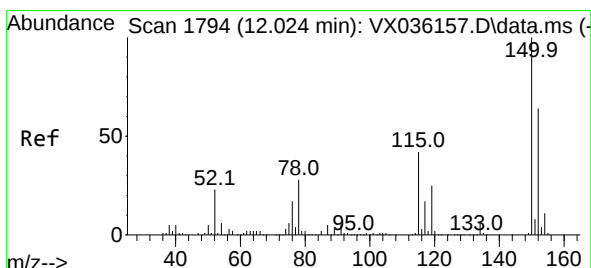
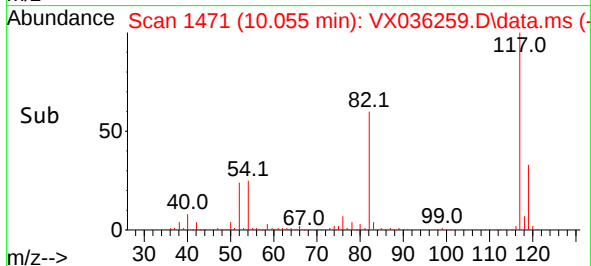
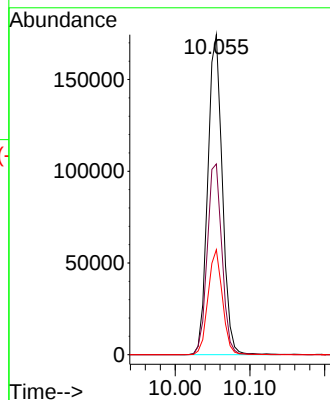
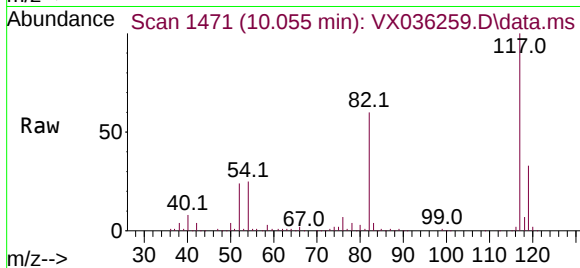
Tgt Ion:117 Resp: 235287

Ion Ratio Lower Upper

117 100

82 59.6 46.2 69.4

119 32.8 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX036259.D

Acq: 21 Jun 2023 10:34

Tgt Ion:152 Resp: 106259

Ion Ratio Lower Upper

152 100

115 63.4 43.3 129.9

150 158.5 0.0 345.0

