

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061923\
 Data File : VX036201.D
 Acq On : 19 Jun 2023 13:11
 Operator : JC/MD
 Sample : VX0619WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBL01

Quant Time: Jun 20 03:40:31 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	189039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	343290	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	302231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138610	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	187191	54.186	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.380%
35) Dibromofluoromethane	5.385	113	121910	52.369	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.740%
50) Toluene-d8	8.647	98	435174	51.105	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.220%
62) 4-Bromofluorobenzene	11.079	95	169157	49.212	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.420%

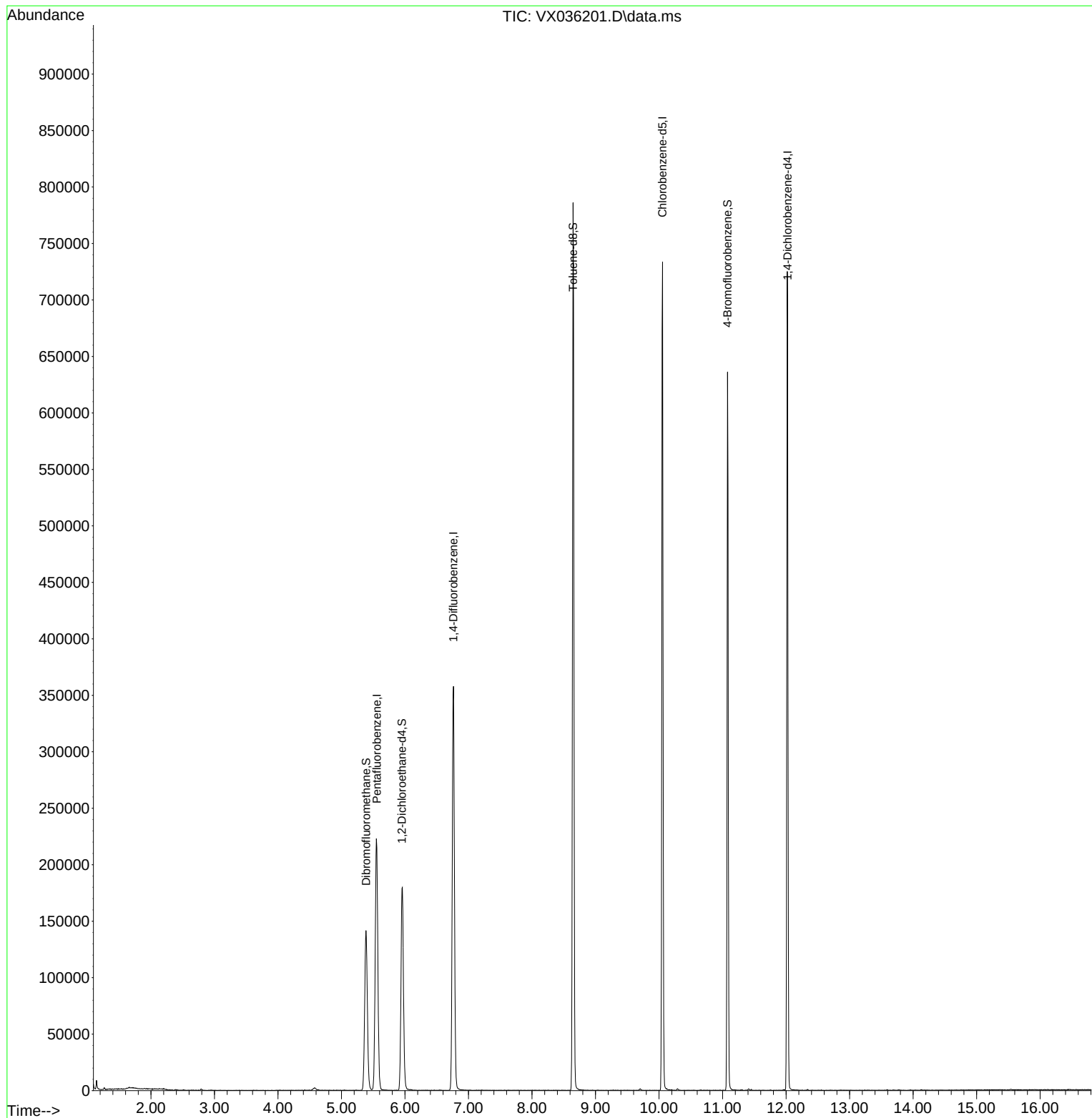
Target Compounds	Qvalue

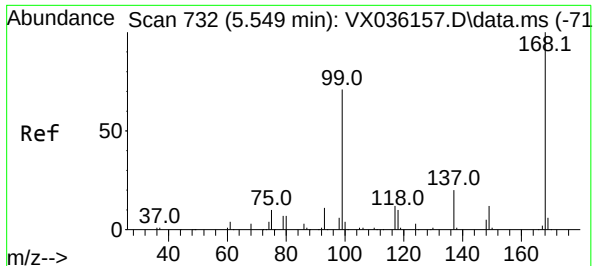
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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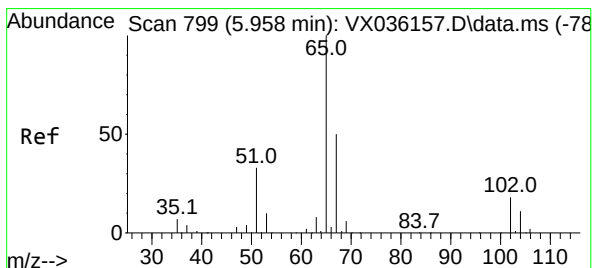
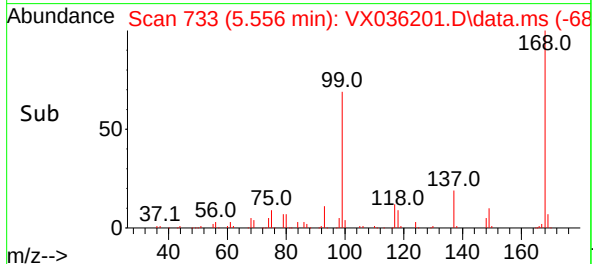
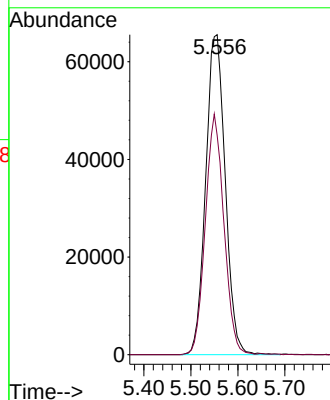
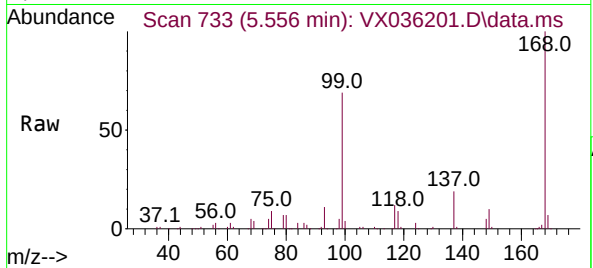




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036201.D
Acq: 19 Jun 2023 13:11

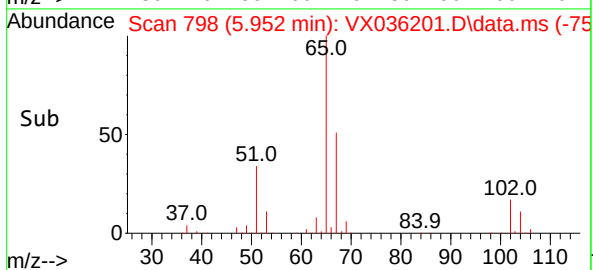
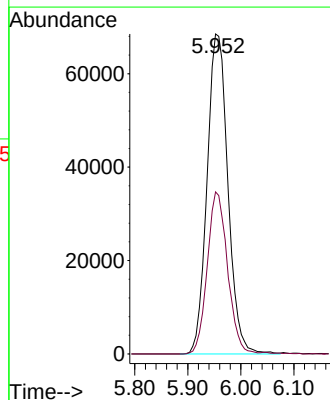
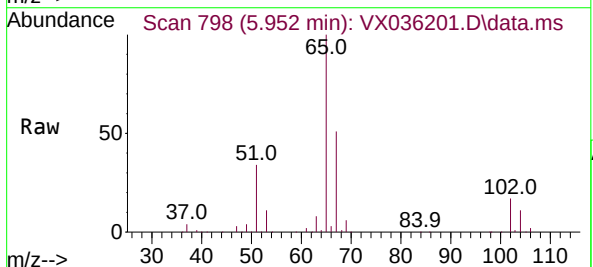
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

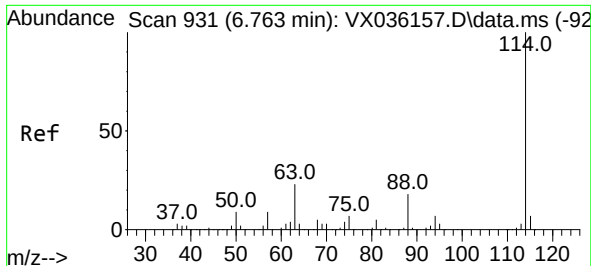
Tgt Ion:168 Resp: 189039
Ion Ratio Lower Upper
168 100
99 68.6 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 54.186 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX036201.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 65 Resp: 187191
Ion Ratio Lower Upper
65 100
67 49.2 0.0 100.2

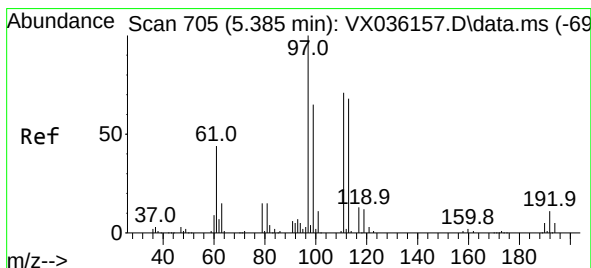
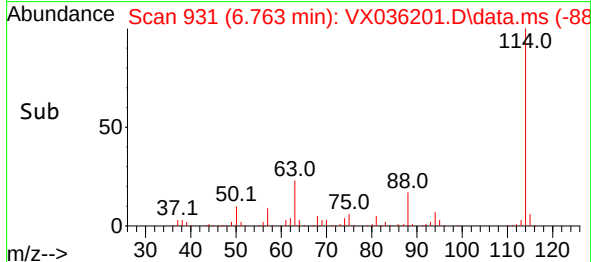
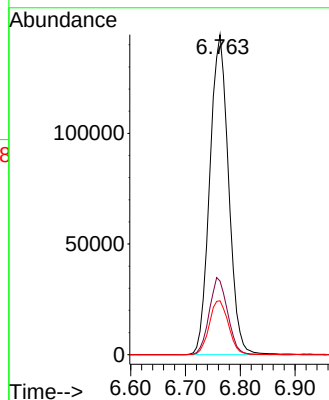
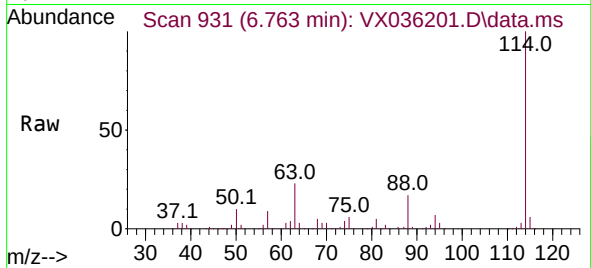




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX036201.D
Acq: 19 Jun 2023 13:11

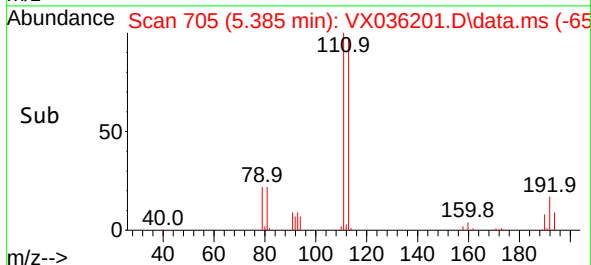
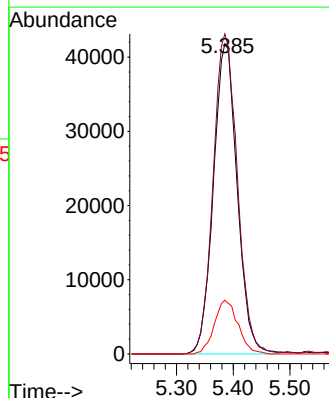
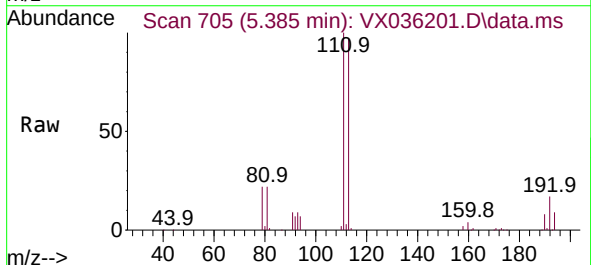
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

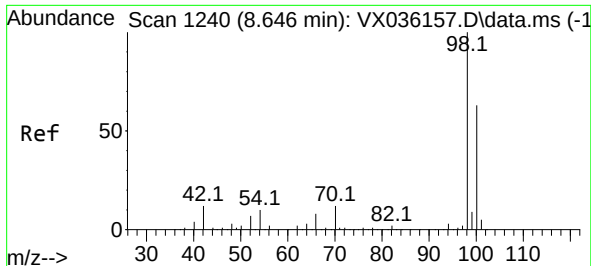
Tgt Ion:114 Resp: 343290
Ion Ratio Lower Upper
114 100
63 23.0 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 52.369 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036201.D
Acq: 19 Jun 2023 13:11

Tgt Ion:113 Resp: 121910
Ion Ratio Lower Upper
113 100
111 104.9 82.9 124.3
192 17.3 13.3 19.9

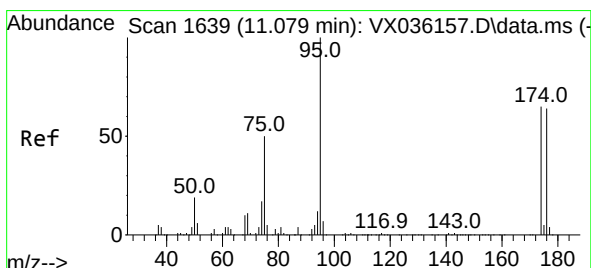
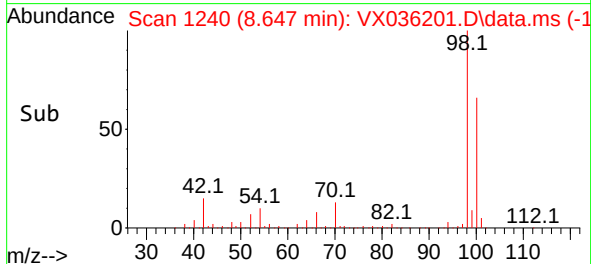
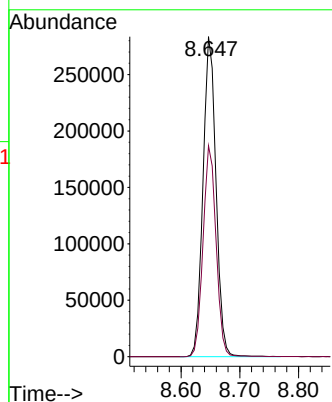
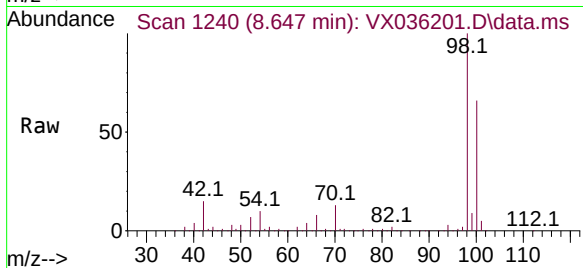




#50
Toluene-d8
Concen: 51.105 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036201.D
Acq: 19 Jun 2023 13:11

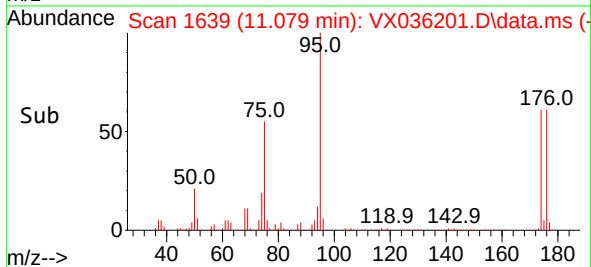
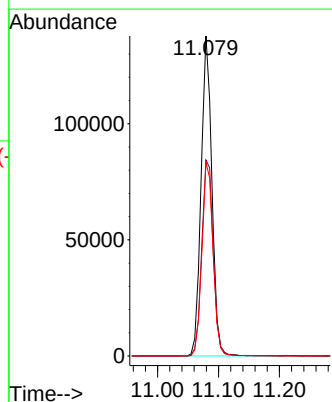
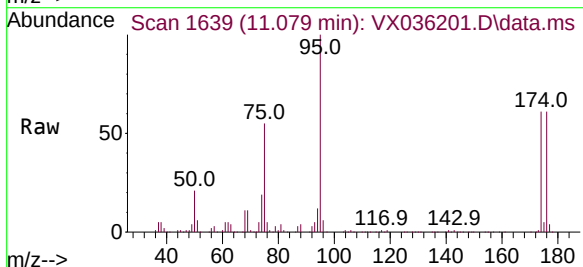
Instrument :
MSVOA_X
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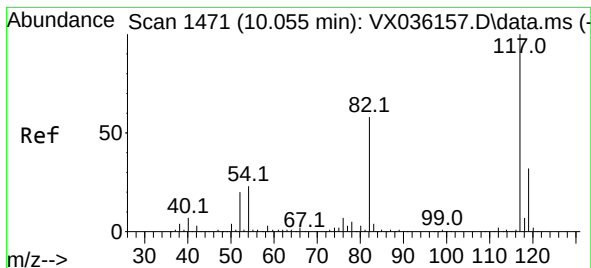
Tgt Ion: 98 Resp: 435174
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.212 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036201.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 95 Resp: 169157
Ion Ratio Lower Upper
95 100
174 65.0 0.0 135.6
176 62.6 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: VX036201.D

Acq: 19 Jun 2023 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBL01

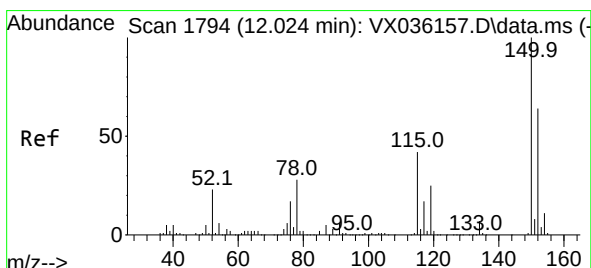
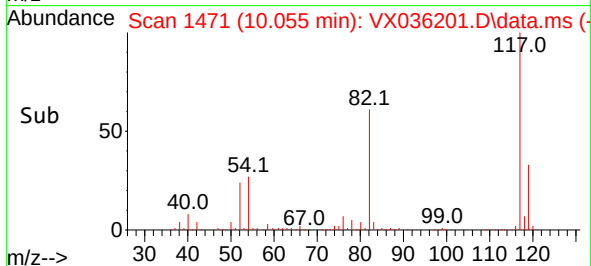
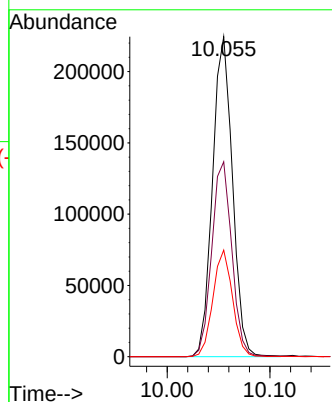
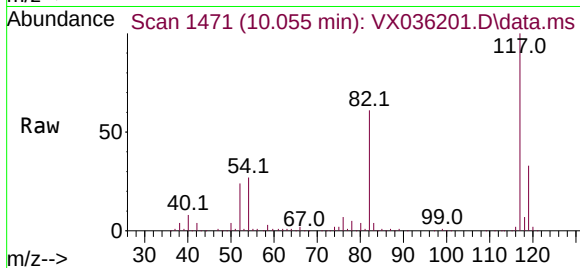
Tgt Ion:117 Resp: 302231

Ion Ratio Lower Upper

117 100

82 60.9 46.2 69.4

119 33.3 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: VX036201.D

Acq: 19 Jun 2023 13:11

Tgt Ion:152 Resp: 138610

Ion Ratio Lower Upper

152 100

115 65.8 43.3 129.9

150 156.4 0.0 345.0

