

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061323\
 Data File : VX036137.D
 Acq On : 13 Jun 2023 12:31
 Operator : JC/MD
 Sample : 03178-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jun 14 00:53:14 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	5.550	168	202924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	333723	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	291277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	131929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	155132	47.078	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.160%
35) Dibromofluoromethane	5.385	113	105034	46.794	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.580%
50) Toluene-d8	8.647	98	395406	49.084	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.160%
62) 4-Bromofluorobenzene	11.079	95	150284	47.258	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.520%

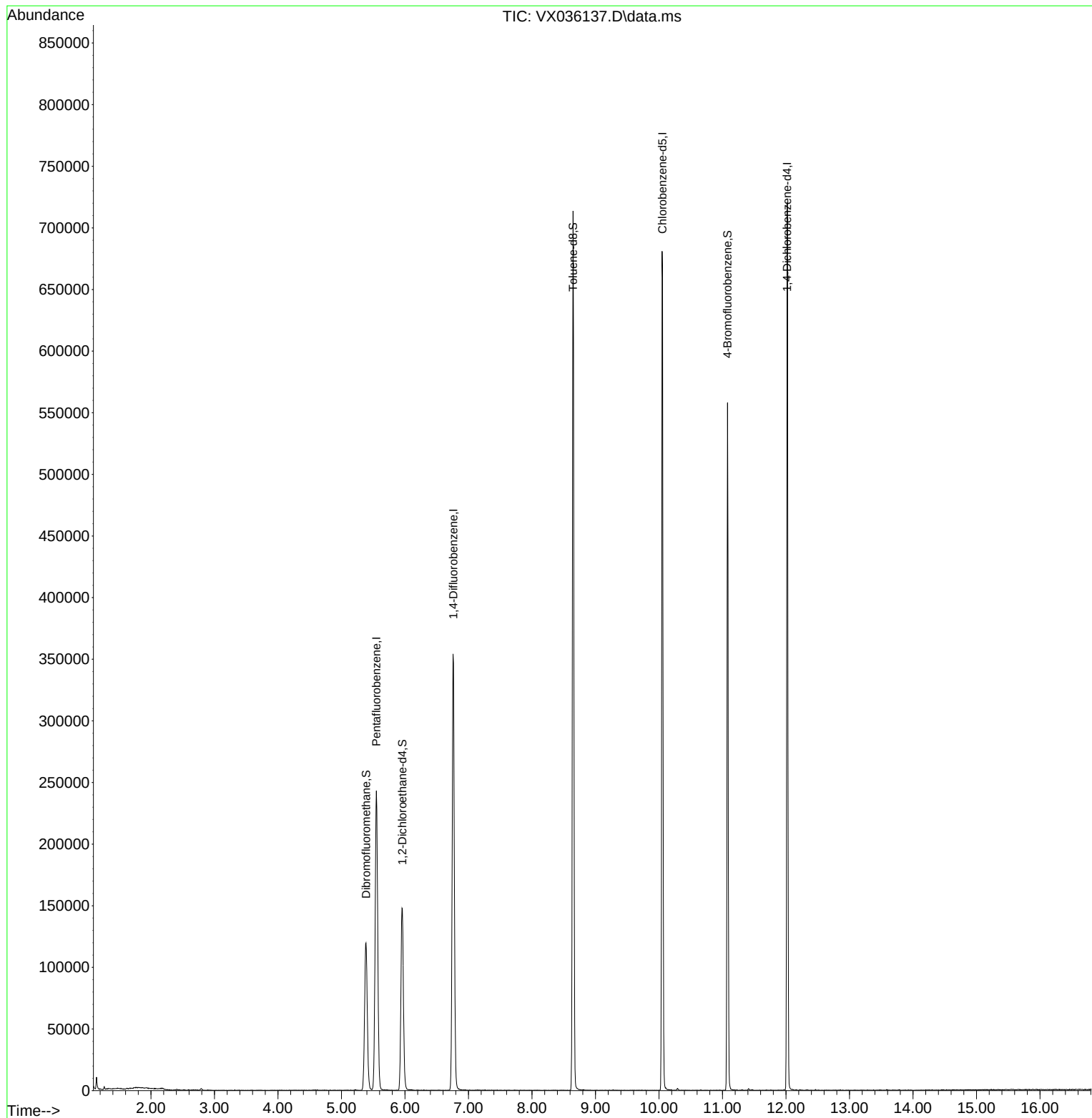
Target Compounds	Qvalue

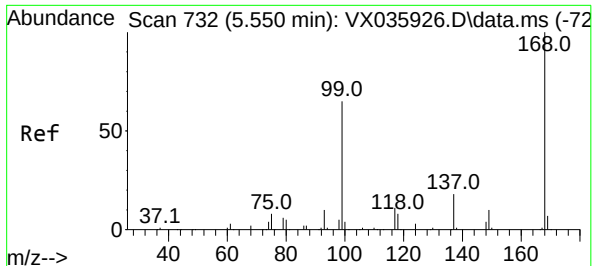
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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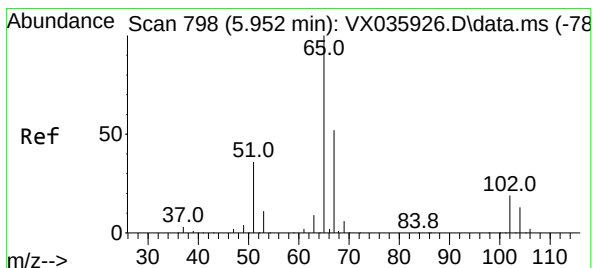
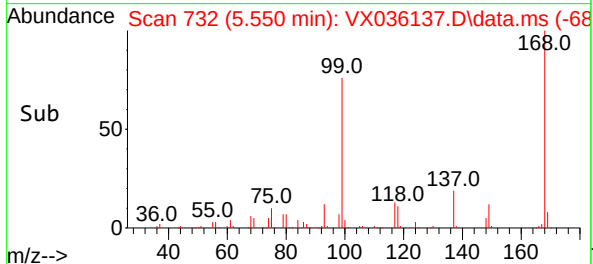
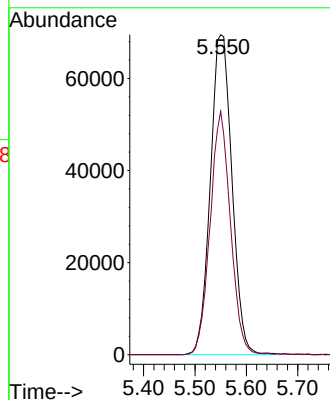
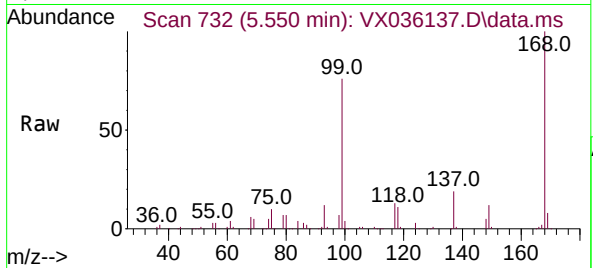




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036137.D
Acq: 13 Jun 2023 12:31

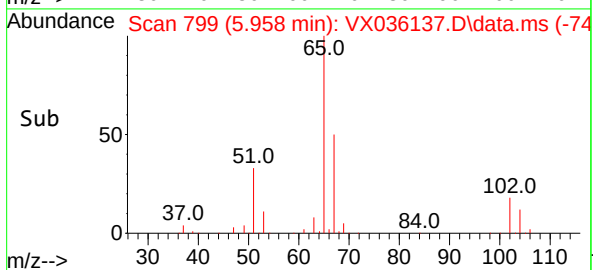
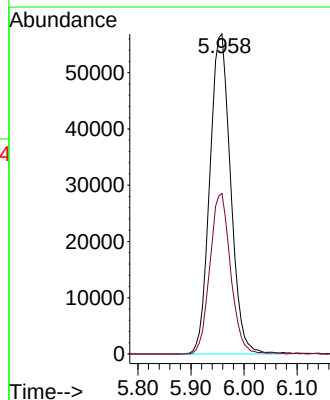
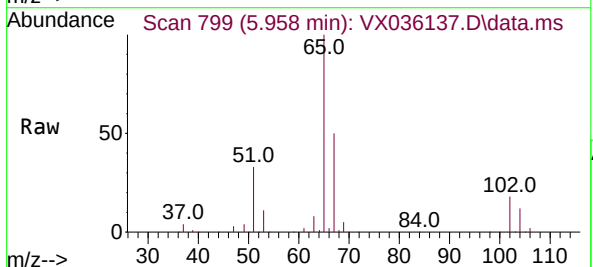
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

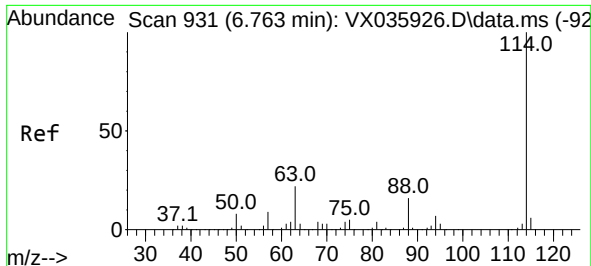
Tgt Ion:168 Resp: 202924
Ion Ratio Lower Upper
168 100
99 76.0 57.0 85.6



#33
1,2-Dichloroethane-d4
Concen: 47.078 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036137.D
Acq: 13 Jun 2023 12:31

Tgt Ion: 65 Resp: 155132
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.6

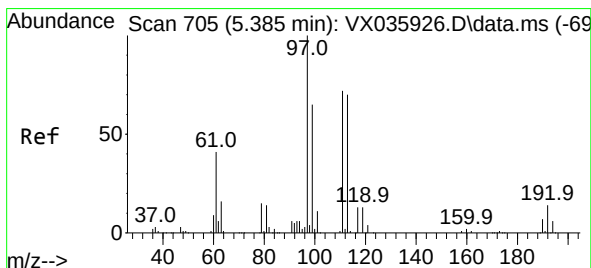
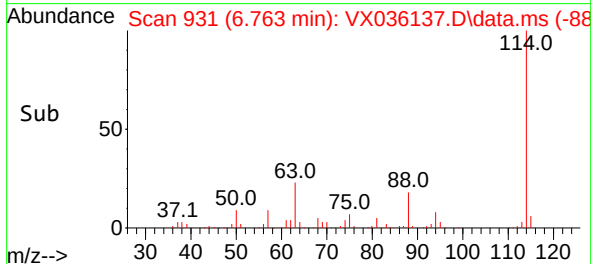
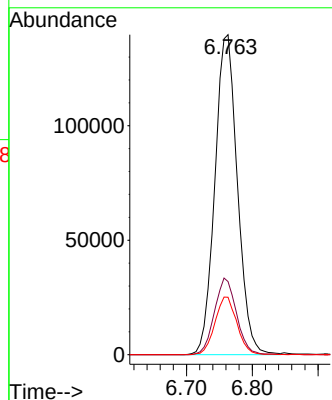
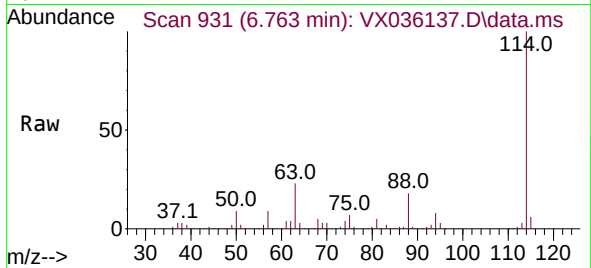




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036137.D
Acq: 13 Jun 2023 12:31

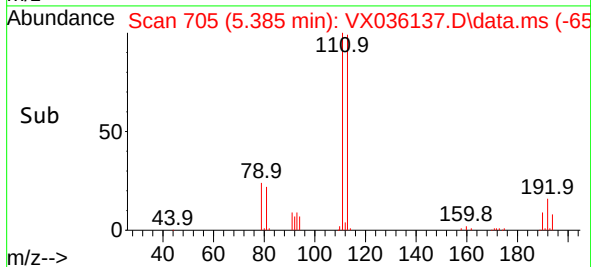
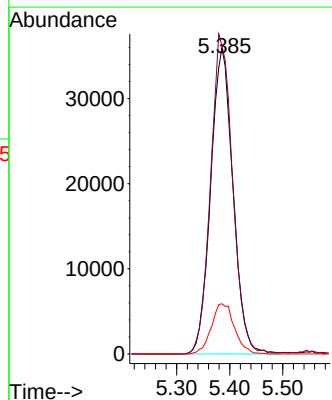
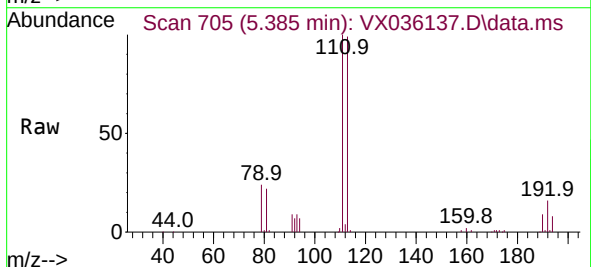
Instrument :
MSVOA_X
ClientSampleId :
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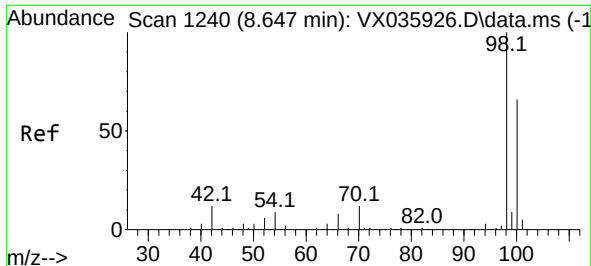
Tgt Ion:114 Resp: 333723
Ion Ratio Lower Upper
114 100
63 22.9 0.0 46.0
88 18.0 0.0 35.2



#35
Dibromofluoromethane
Concen: 46.794 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036137.D
Acq: 13 Jun 2023 12:31

Tgt Ion:113 Resp: 105034
Ion Ratio Lower Upper
113 100
111 103.1 81.7 122.5
192 17.0 13.5 20.3





#50

Toluene-d8

Concen: 49.084 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX036137.D

Acq: 13 Jun 2023 12:31

Instrument :

MSVOA_X

ClientSampleId :

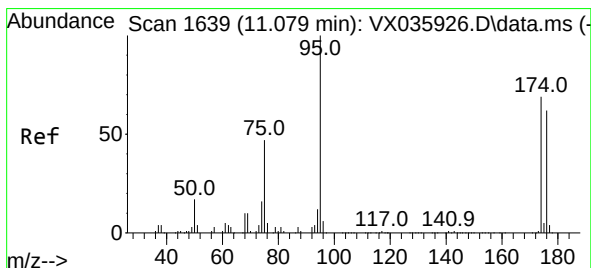
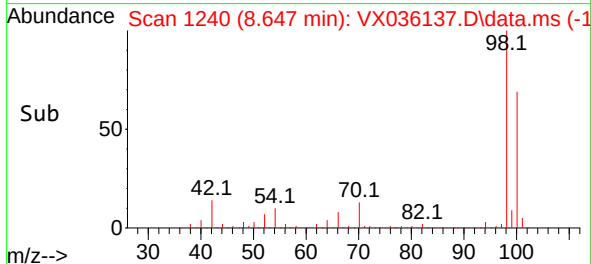
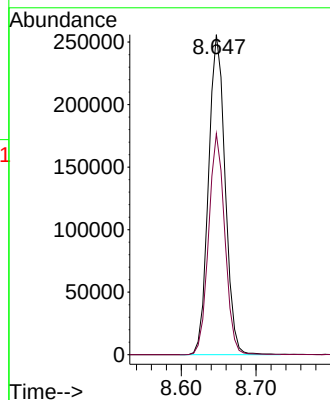
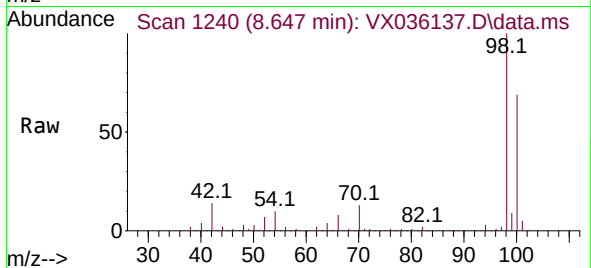
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Tgt Ion: 98 Resp: 395406

Ion Ratio Lower Upper

98 100

100 67.3 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 47.258 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036137.D

Acq: 13 Jun 2023 12:31

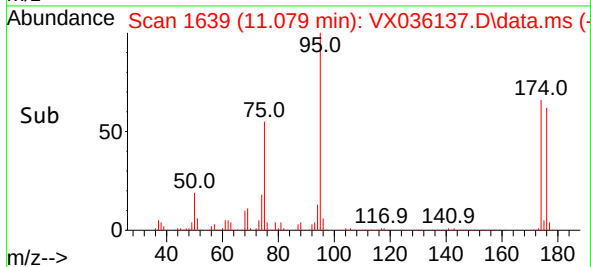
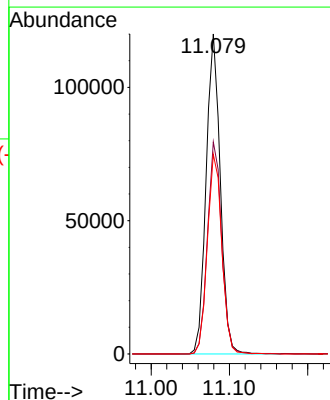
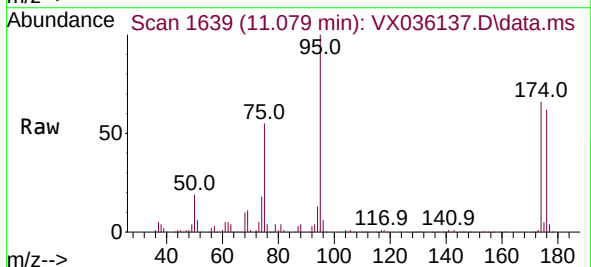
Tgt Ion: 95 Resp: 150284

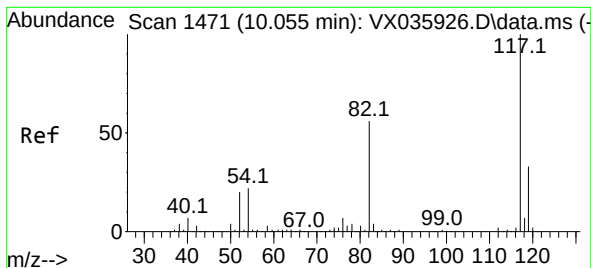
Ion Ratio Lower Upper

95 100

174 66.7 0.0 132.6

176 63.6 0.0 128.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX036137.D

Acq: 13 Jun 2023 12:31

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

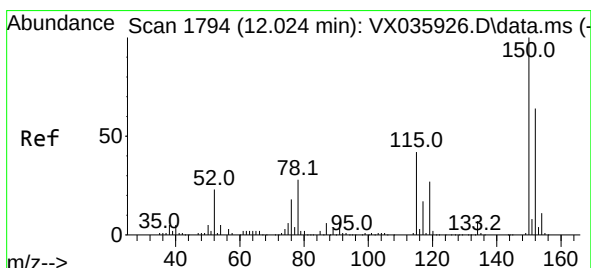
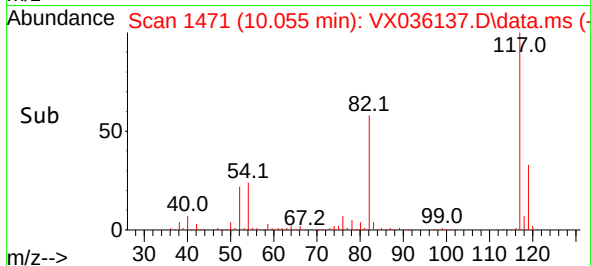
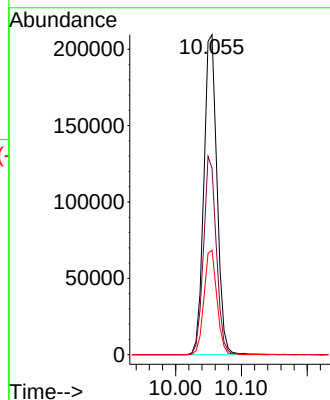
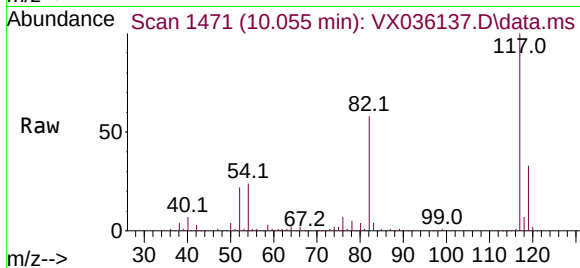
Tgt Ion:117 Resp: 291277

Ion Ratio Lower Upper

117 100

82 58.3 46.6 69.8

119 32.7 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: VX036137.D

Acq: 13 Jun 2023 12:31

Tgt Ion:152 Resp: 131929

Ion Ratio Lower Upper

152 100

115 64.9 45.5 136.5

150 156.6 0.0 345.2

