

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062423\
 Data File : VX036311.D
 Acq On : 24 Jun 2023 15:04
 Operator : JC/MD
 Sample : 03319-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Jun 26 03:25:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	165426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	285551	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	257781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113494	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95879	40.434	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	80.860%
35) Dibromofluoromethane	5.391	113	71602	38.029	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	76.060%
50) Toluene-d8	8.647	98	263772	37.508	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	75.020%#
62) 4-Bromofluorobenzene	11.079	95	91003	36.738	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	73.480%#

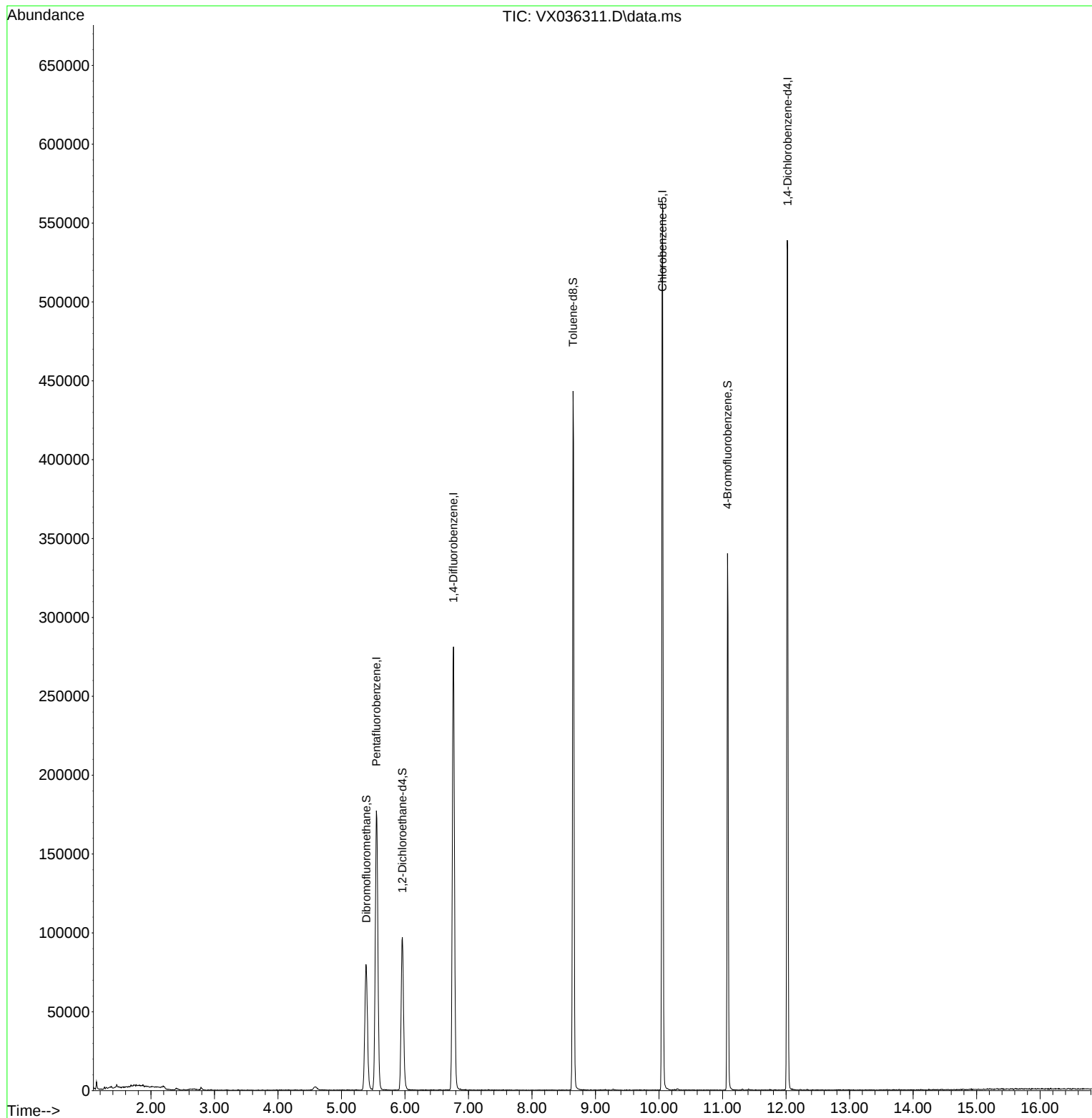
Target Compounds	Qvalue

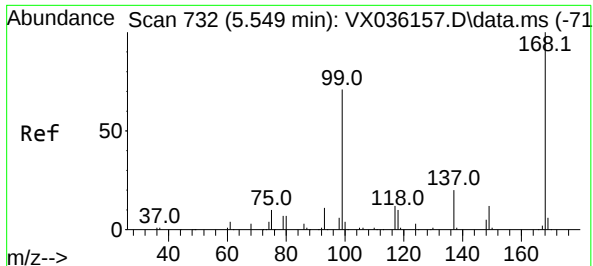
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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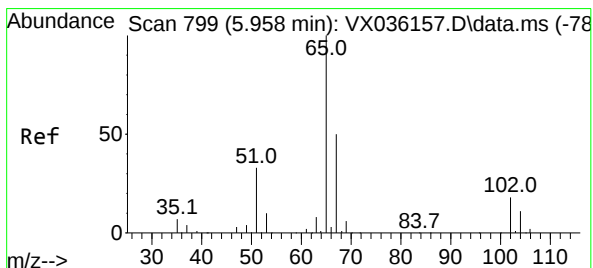
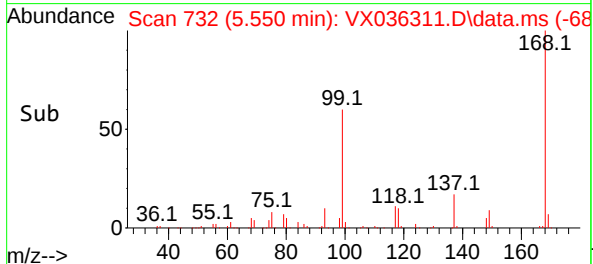
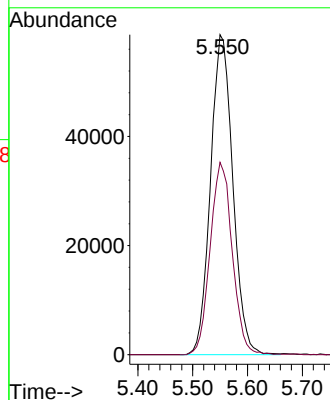
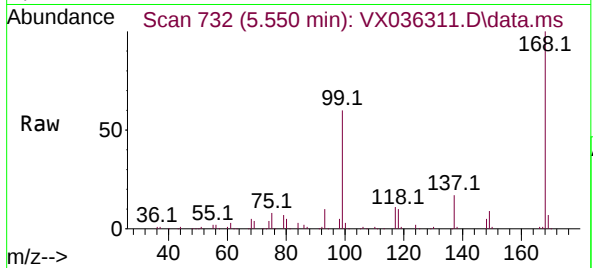




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 711
Delta R.T. 0.001 min
Lab File: VX036311.D
Acq: 24 Jun 2023 15:04

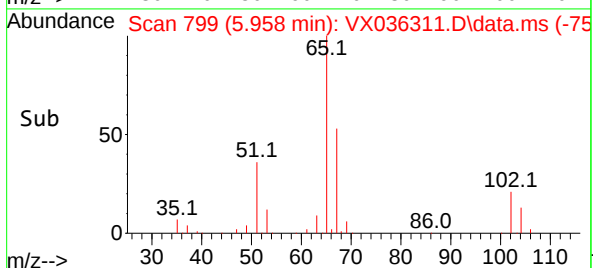
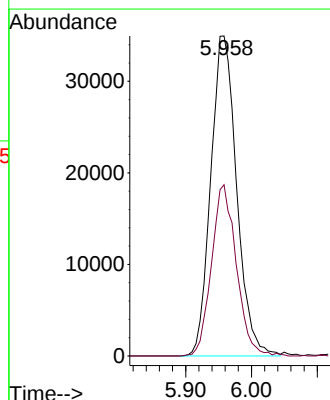
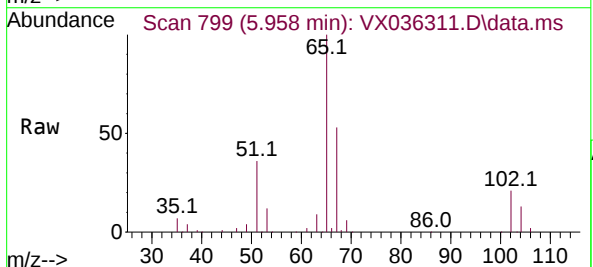
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

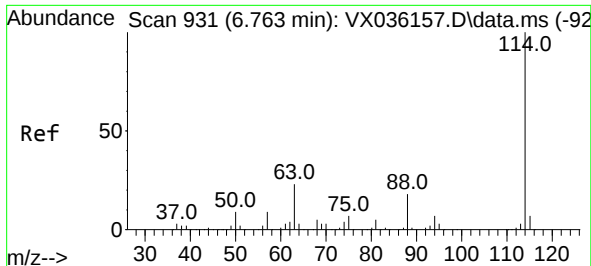
Tgt Ion:168 Resp: 165426
Ion Ratio Lower Upper
168 100
99 60.1 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 40.434 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036311.D
Acq: 24 Jun 2023 15:04

Tgt Ion: 65 Resp: 95879
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

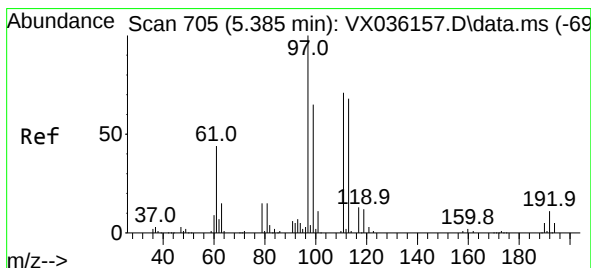
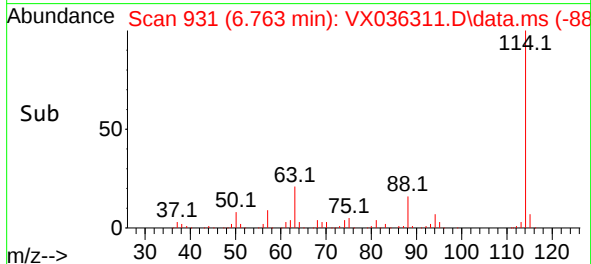
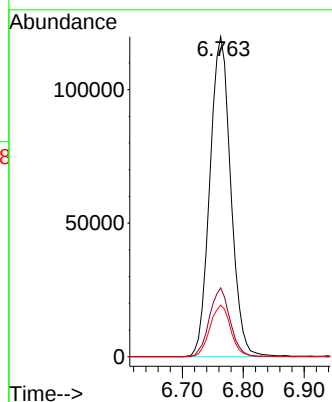
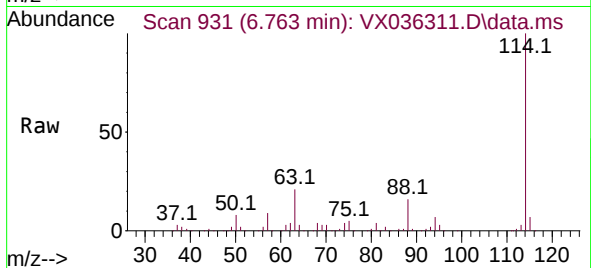




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX036311.D
Acq: 24 Jun 2023 15:04

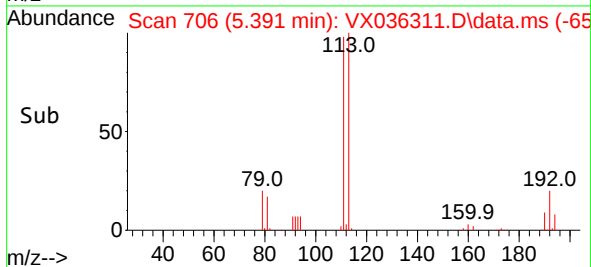
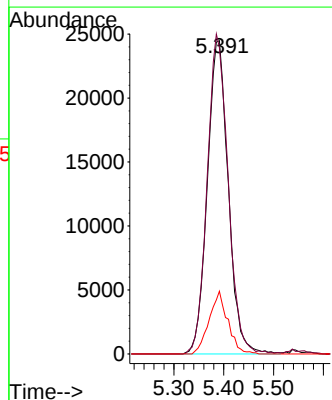
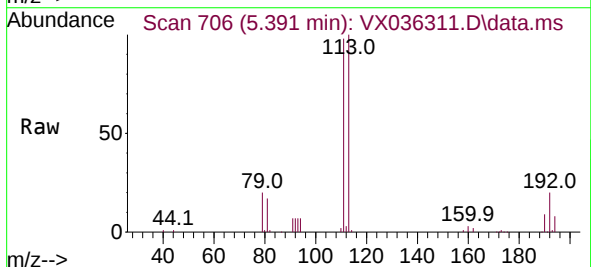
Instrument :
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ClientSampleId :
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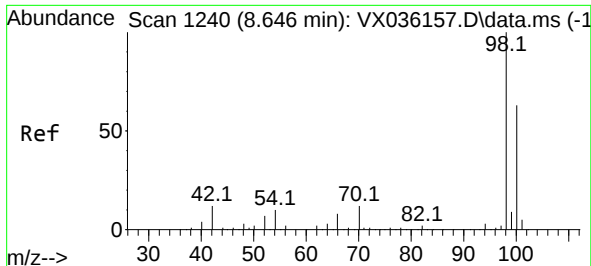
Tgt Ion:114 Resp: 285551
Ion Ratio Lower Upper
114 100
63 21.5 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 38.029 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036311.D
Acq: 24 Jun 2023 15:04

Tgt Ion:113 Resp: 71602
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 17.8 13.3 19.9





#50

Toluene-d8

Concen: 37.508 ug/l

RT: 8.647 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX036311.D

Acq: 24 Jun 2023 15:04

Instrument :

MSVOA_X

ClientSampleId :

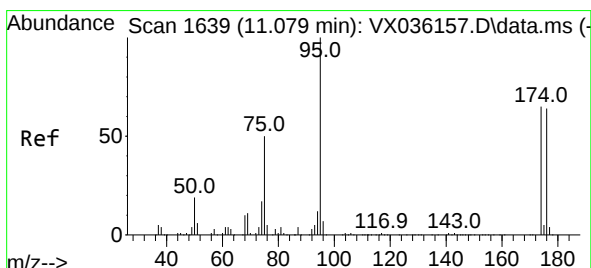
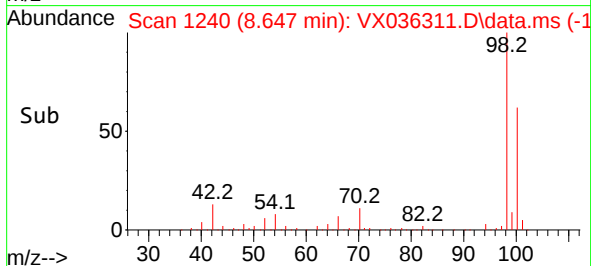
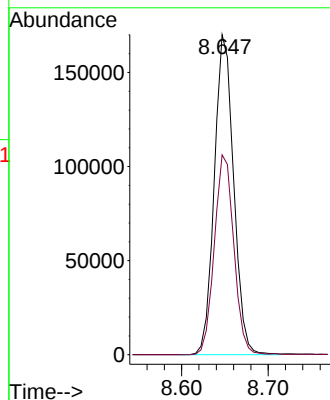
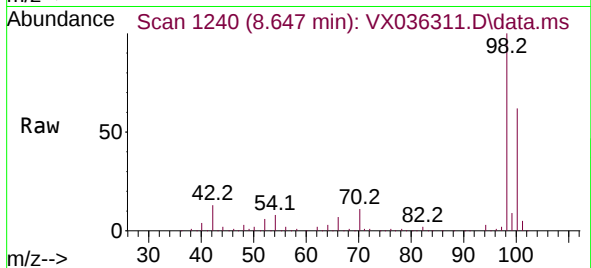
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 98 Resp: 263772

Ion Ratio Lower Upper

98 100

100 63.1 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 36.738 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036311.D

Acq: 24 Jun 2023 15:04

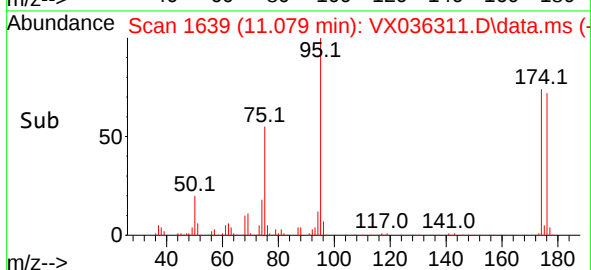
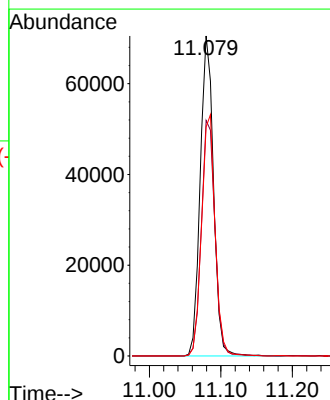
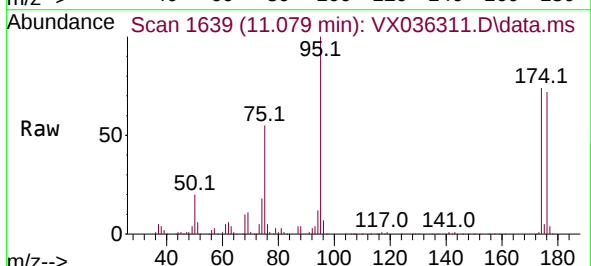
Tgt Ion: 95 Resp: 91003

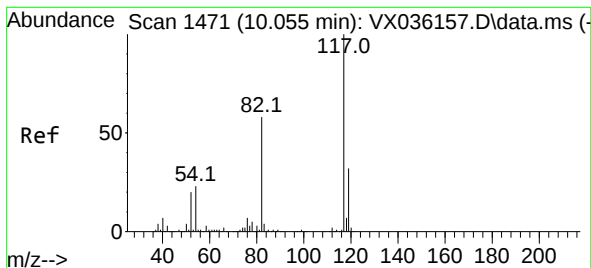
Ion Ratio Lower Upper

95 100

174 75.4 0.0 135.6

176 76.5 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: VX036311.D

Acq: 24 Jun 2023 15:04

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

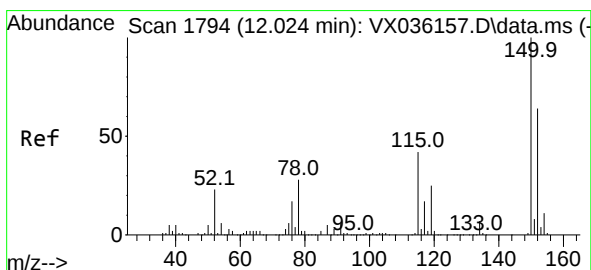
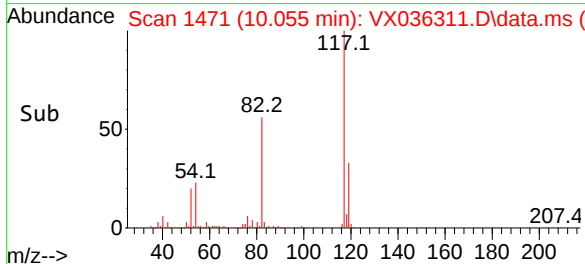
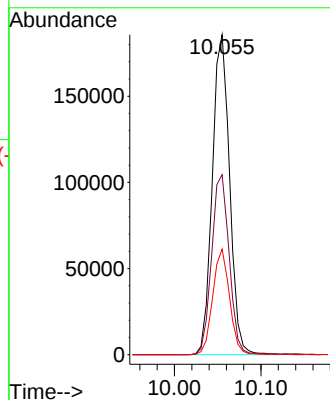
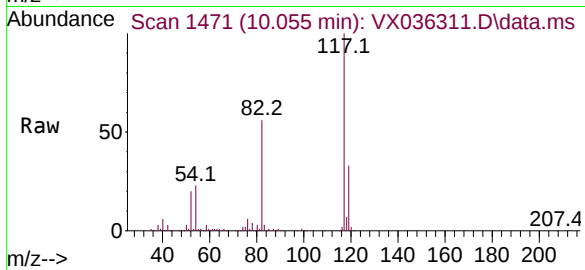
Tgt Ion:117 Resp: 257781

Ion Ratio Lower Upper

117 100

82 56.3 46.2 69.4

119 33.0 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: VX036311.D

Acq: 24 Jun 2023 15:04

Tgt Ion:152 Resp: 113494

Ion Ratio Lower Upper

152 100

115 61.2 43.3 129.9

150 157.9 0.0 345.0

