

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053123\
 Data File : VX035936.D
 Acq On : 31 May 2023 15:11
 Operator : JC/MD
 Sample : 02955-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: May 31 17:08:48 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	217675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	353942	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	312259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147640	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	142600	40.343	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	80.680%
35) Dibromofluoromethane	5.385	113	104477	43.887	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.780%
50) Toluene-d8	8.647	98	411181	48.126	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.260%
62) 4-Bromofluorobenzene	11.079	95	158242	46.918	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.840%

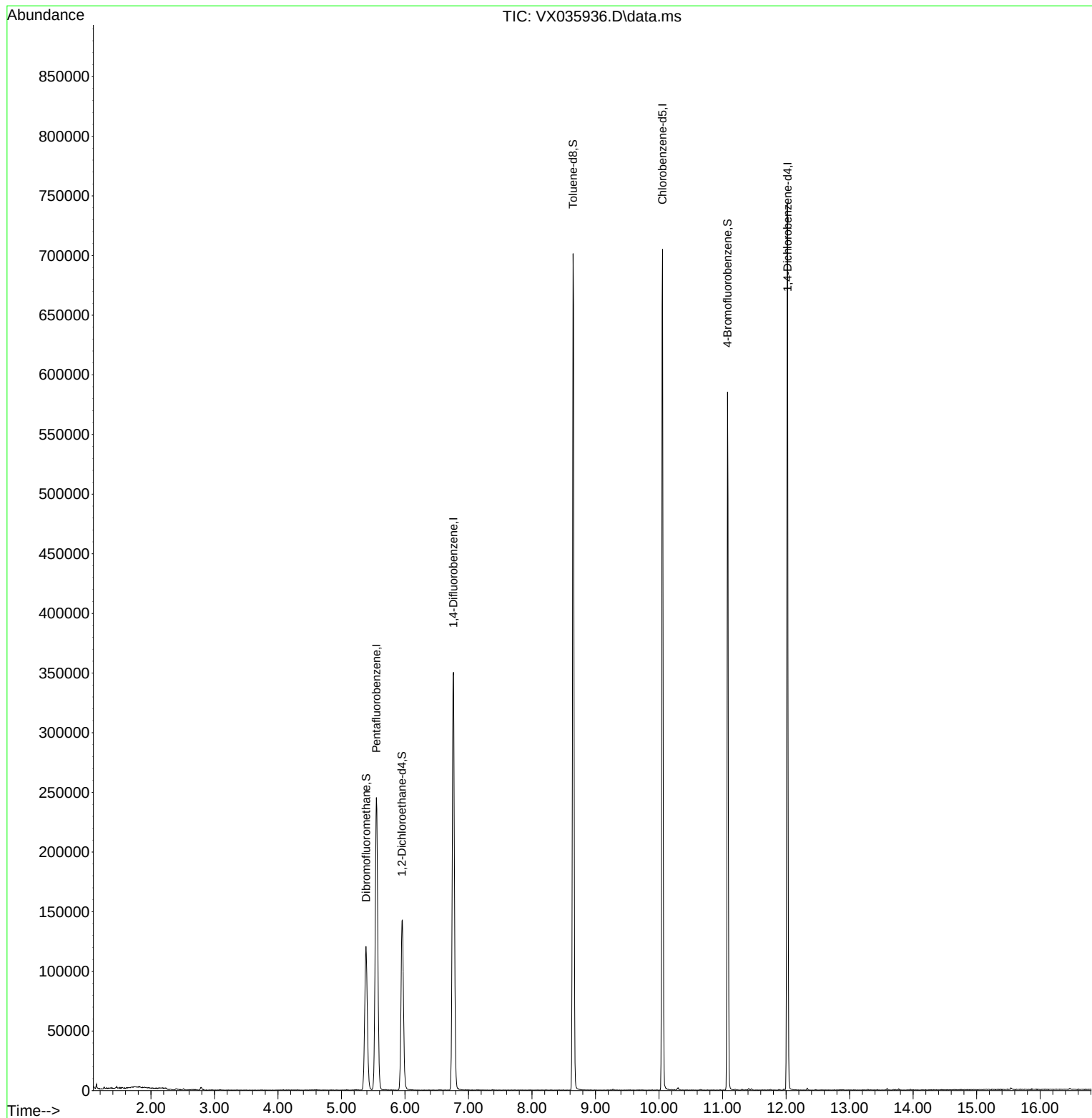
Target Compounds	Qvalue

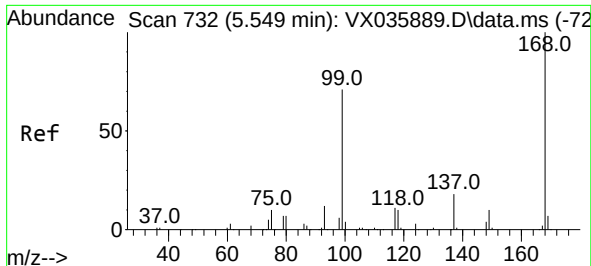
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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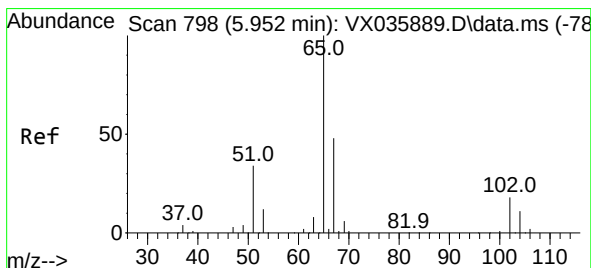
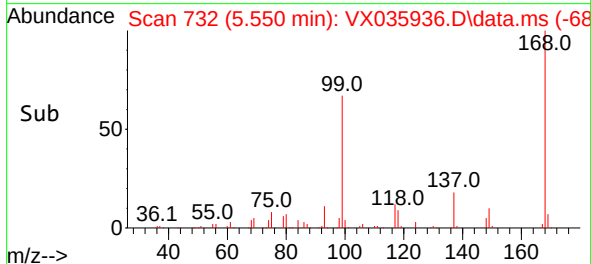
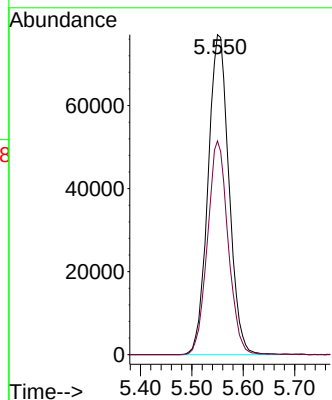
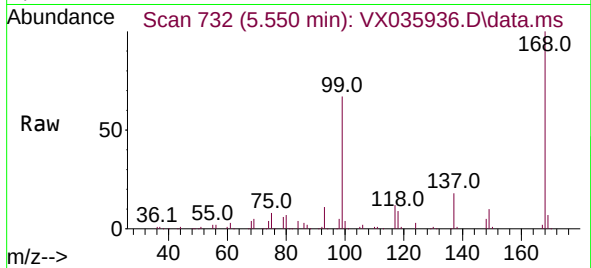




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035936.D
Acq: 31 May 2023 15:11

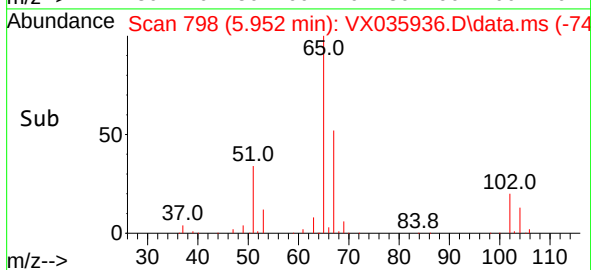
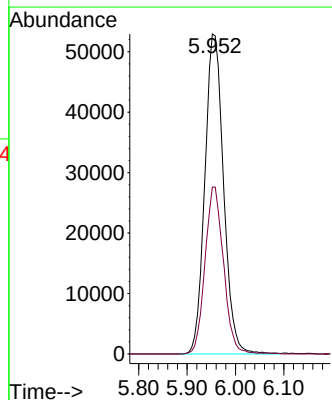
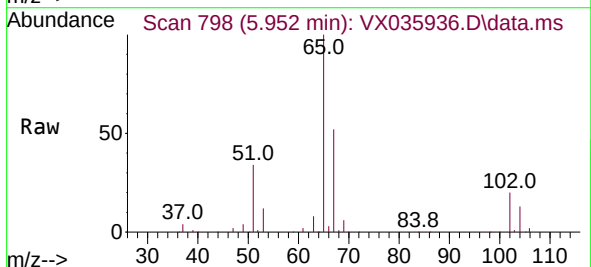
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

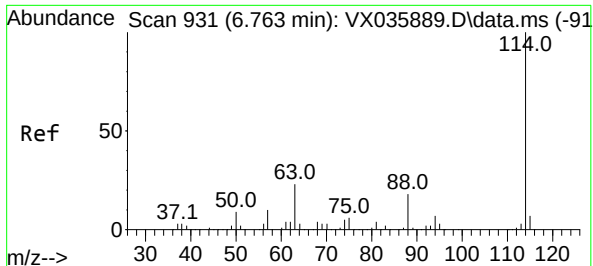
Tgt Ion:168 Resp: 217675
Ion Ratio Lower Upper
168 100
99 66.8 57.0 85.6



#33
1,2-Dichloroethane-d4
Concen: 40.343 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035936.D
Acq: 31 May 2023 15:11

Tgt Ion: 65 Resp: 142600
Ion Ratio Lower Upper
65 100
67 51.5 0.0 99.6

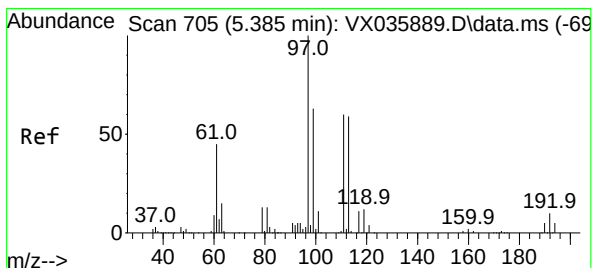
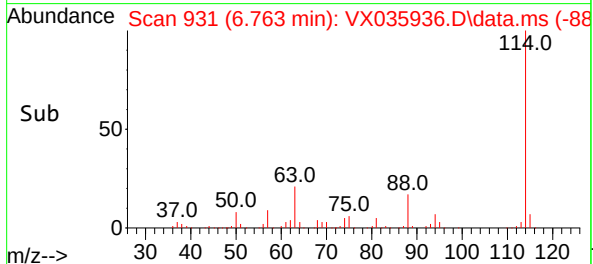
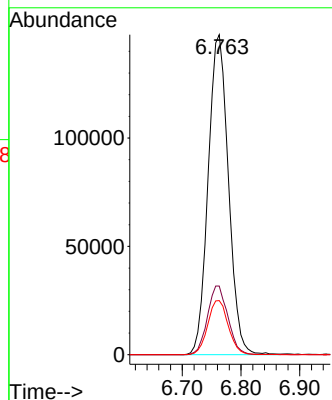
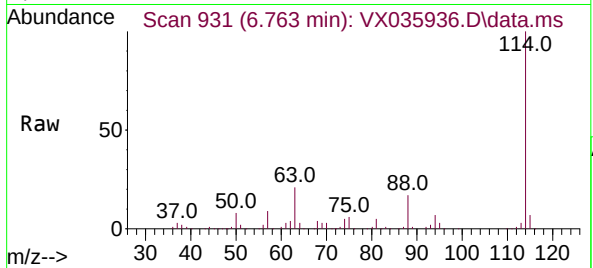




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX035936.D
Acq: 31 May 2023 15:11

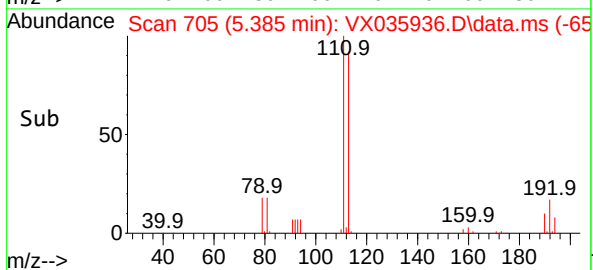
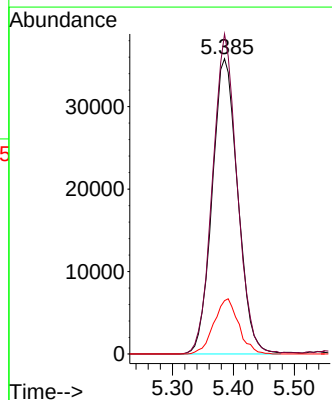
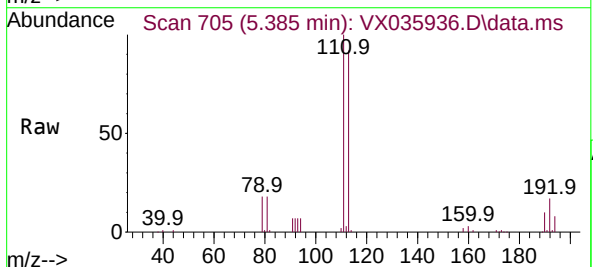
Instrument :
MSVOA_X
ClientSampleId :
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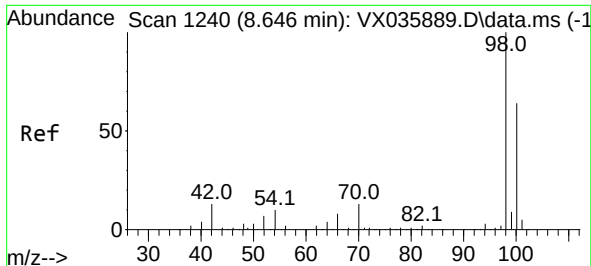
Tgt Ion:114 Resp: 353942
Ion Ratio Lower Upper
114 100
63 21.5 0.0 46.0
88 16.9 0.0 35.2



#35
Dibromofluoromethane
Concen: 43.887 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035936.D
Acq: 31 May 2023 15:11

Tgt Ion:113 Resp: 104477
Ion Ratio Lower Upper
113 100
111 104.5 81.7 122.5
192 18.1 13.5 20.3

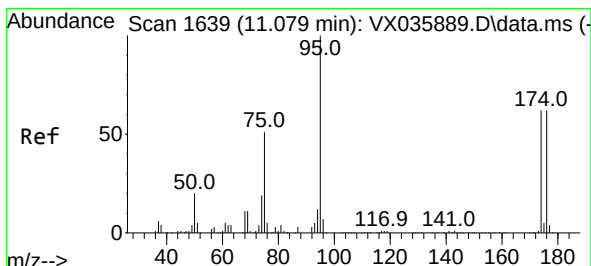
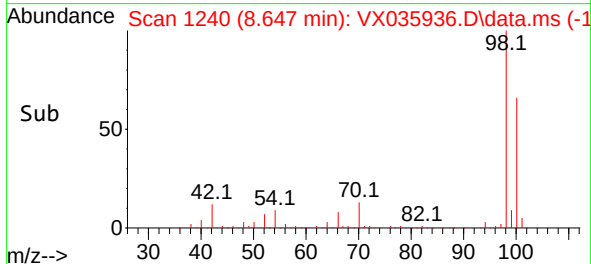
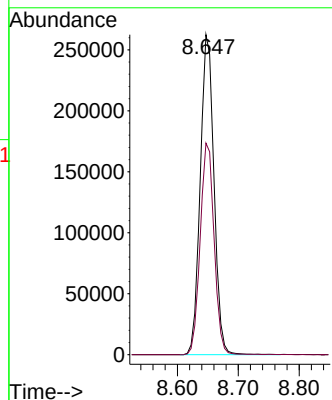
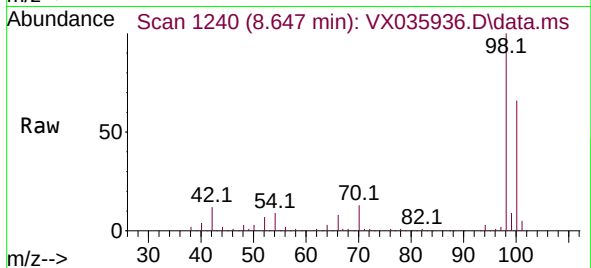




#50
Toluene-d8
Concen: 48.126 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035936.D
Acq: 31 May 2023 15:11

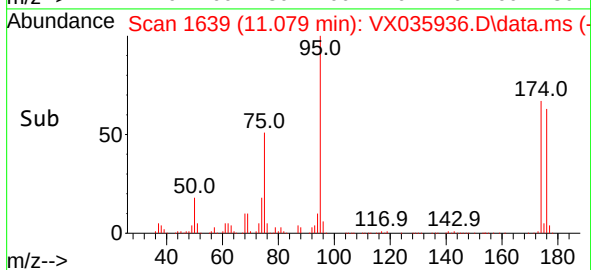
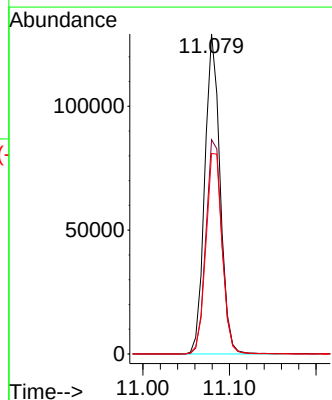
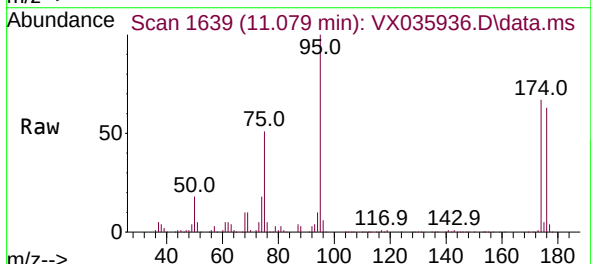
Instrument :
MSVOA_X
ClientSampleId :
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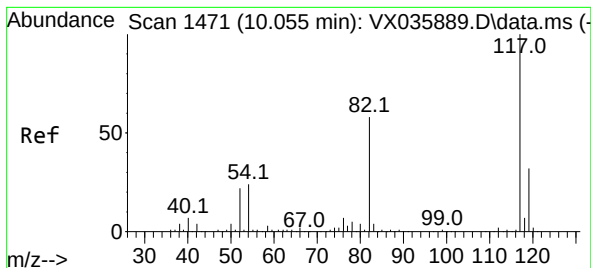
Tgt Ion: 98 Resp: 411181
Ion Ratio Lower Upper
98 100
100 67.1 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 46.918 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035936.D
Acq: 31 May 2023 15:11

Tgt Ion: 95 Resp: 158242
Ion Ratio Lower Upper
95 100
174 70.5 0.0 132.6
176 66.8 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: VX035936.D

Acq: 31 May 2023 15:11

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

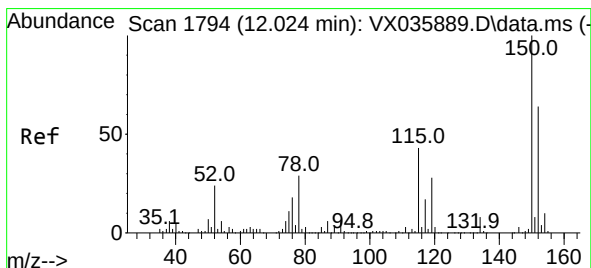
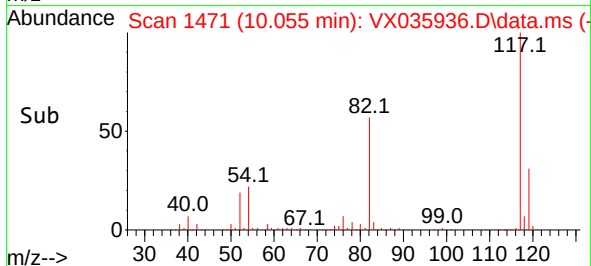
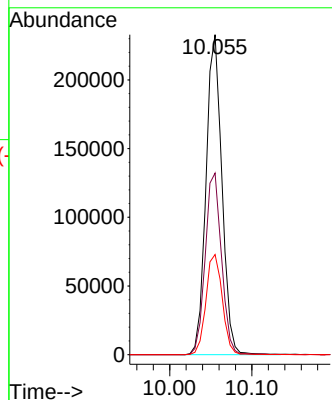
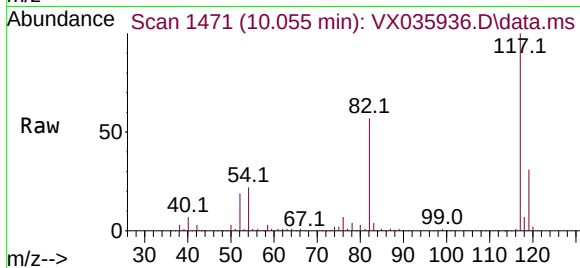
Tgt Ion:117 Resp: 312259

Ion Ratio Lower Upper

117 100

82 56.7 46.6 69.8

119 31.3 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035936.D

Acq: 31 May 2023 15:11

Tgt Ion:152 Resp: 147640

Ion Ratio Lower Upper

152 100

115 64.5 45.5 136.5

150 157.9 0.0 345.2

