

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053123\
 Data File : VX035943.D
 Acq On : 31 May 2023 17:55
 Operator : JC/MD
 Sample : 02899-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jun 01 05:17:03 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	5.556	168	194335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	321125	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	298175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136061	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	149495	47.373	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.740%
35) Dibromofluoromethane	5.385	113	99183	45.921	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.840%
50) Toluene-d8	8.647	98	396691	51.175	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.360%
62) 4-Bromofluorobenzene	11.079	95	147501	48.203	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.400%

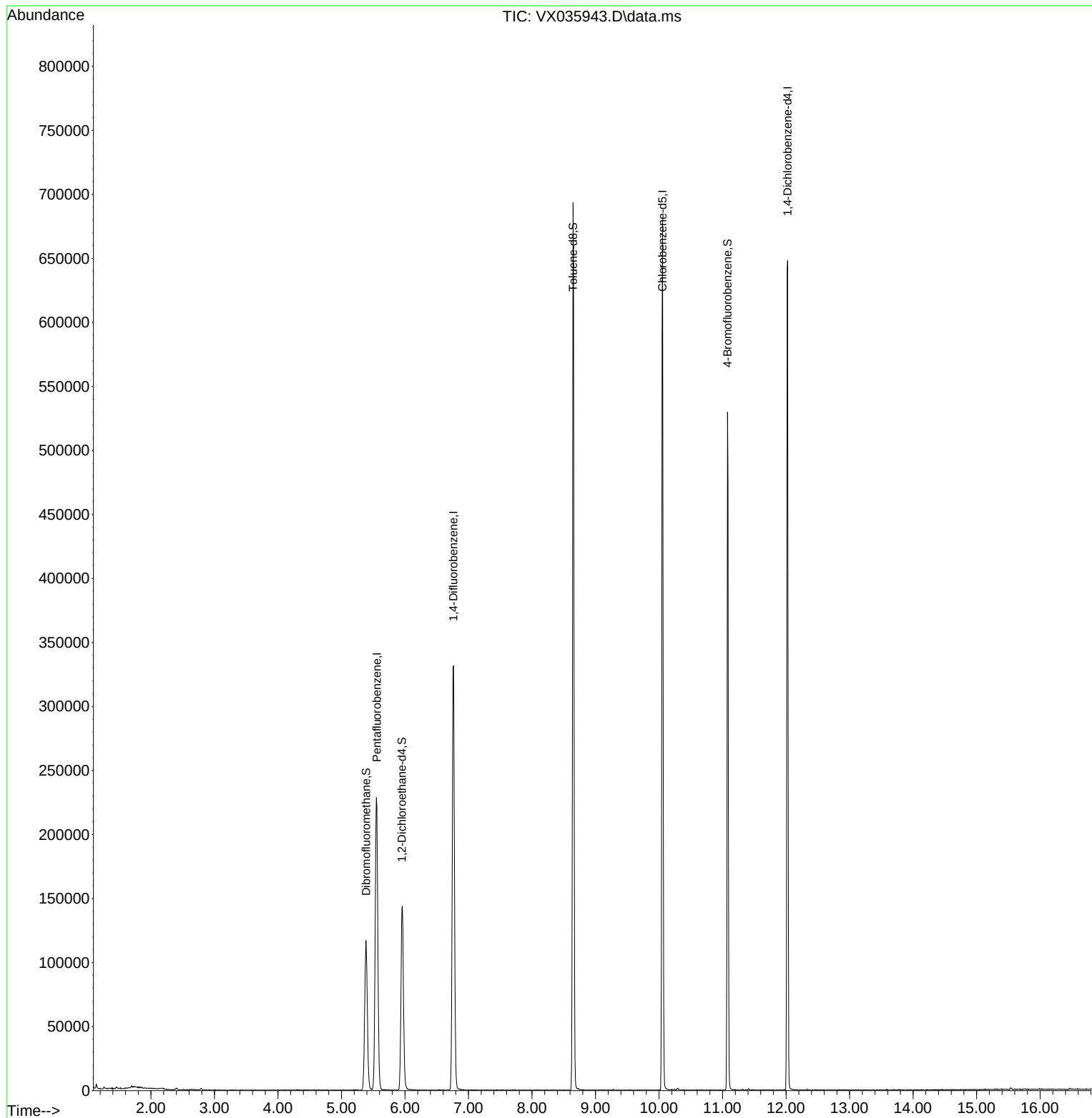
Target Compounds	Qvalue

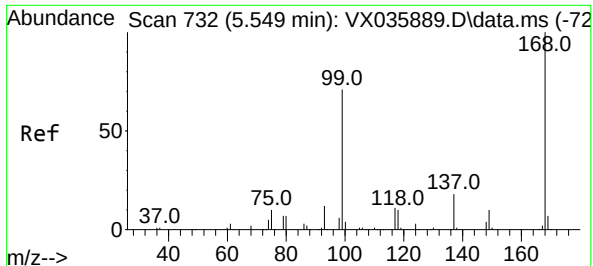
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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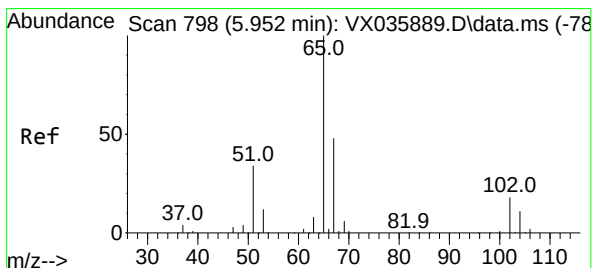
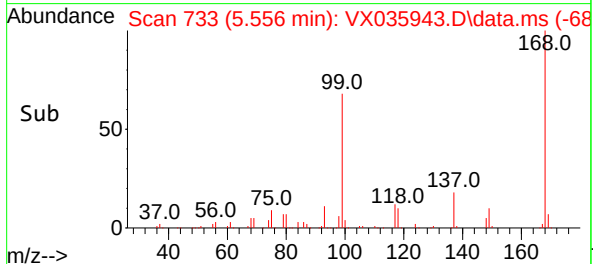
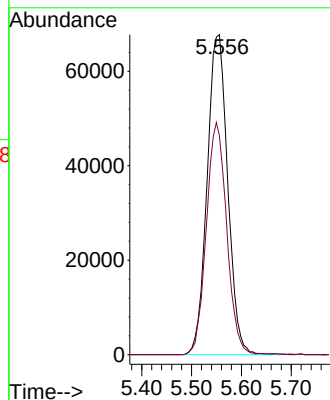
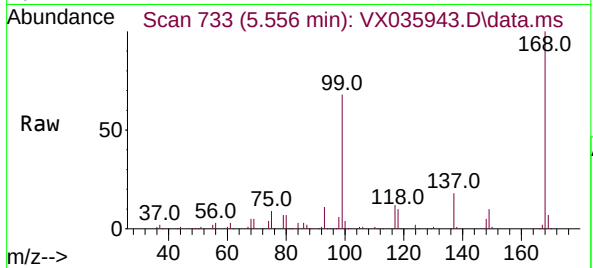




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.007 min
Lab File: VX035943.D
Acq: 31 May 2023 17:55

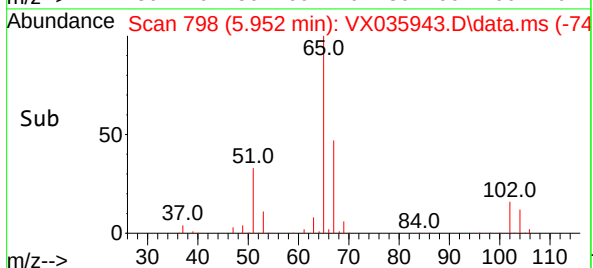
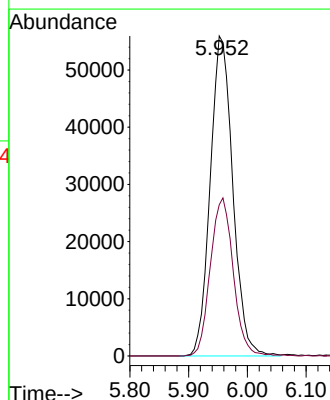
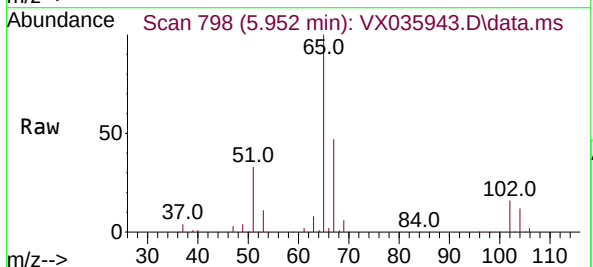
Instrument :
MSVOA_X
ClientSampleId :
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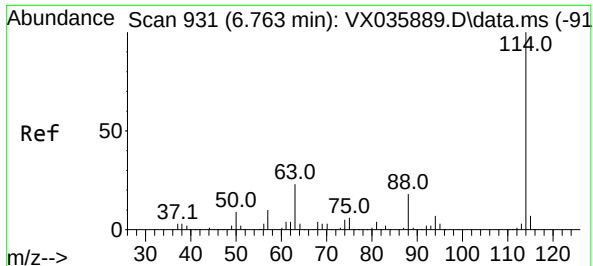
Tgt Ion:168 Resp: 194335
Ion Ratio Lower Upper
168 100
99 68.5 57.0 85.6



#33
1,2-Dichloroethane-d4
Concen: 47.373 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035943.D
Acq: 31 May 2023 17:55

Tgt Ion: 65 Resp: 149495
Ion Ratio Lower Upper
65 100
67 50.1 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: VX035943.D

Acq: 31 May 2023 17:55

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

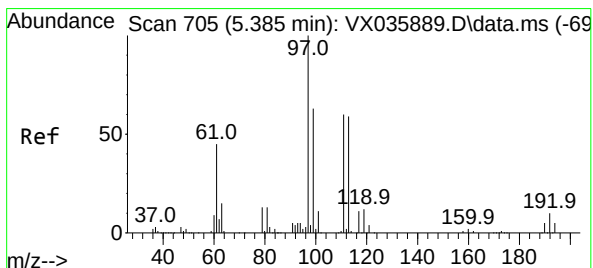
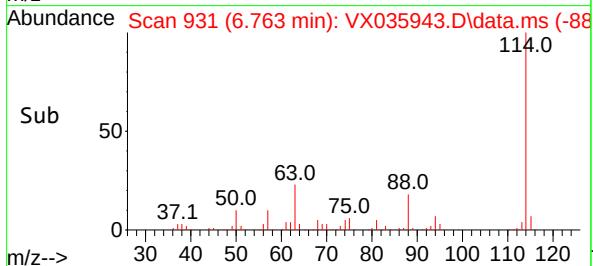
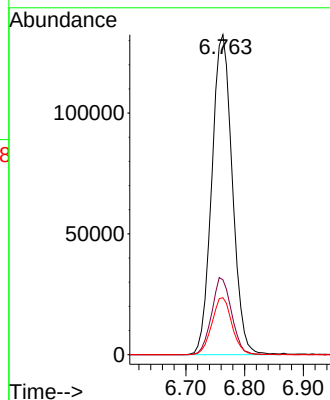
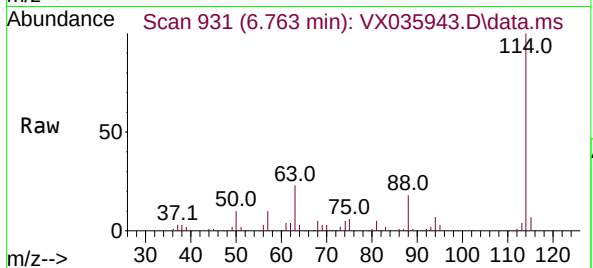
Tgt Ion:114 Resp: 321125

Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.0

88 17.8 0.0 35.2



#35

Dibromofluoromethane

Concen: 45.921 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035943.D

Acq: 31 May 2023 17:55

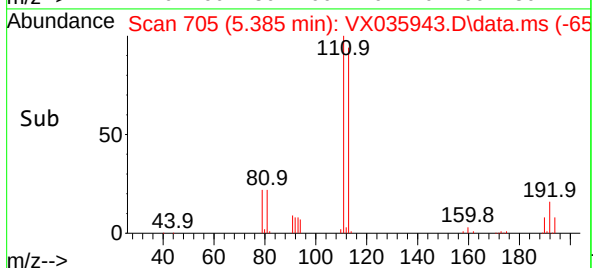
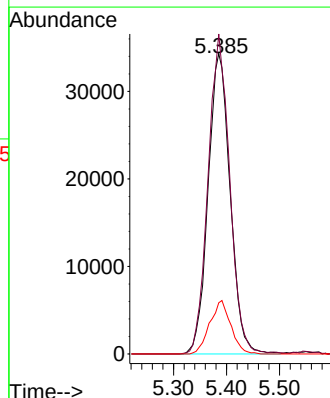
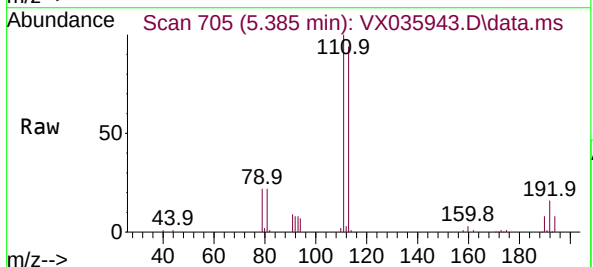
Tgt Ion:113 Resp: 99183

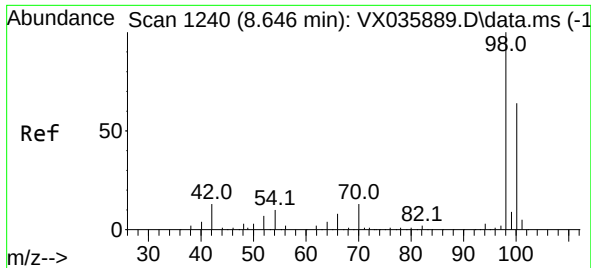
Ion Ratio Lower Upper

113 100

111 104.3 81.7 122.5

192 17.0 13.5 20.3

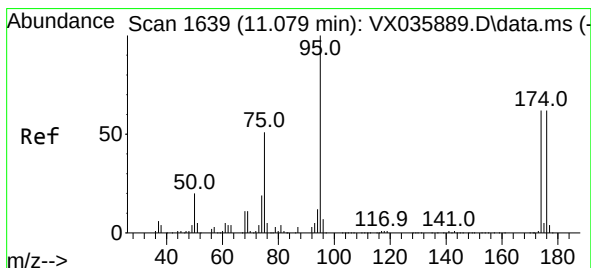
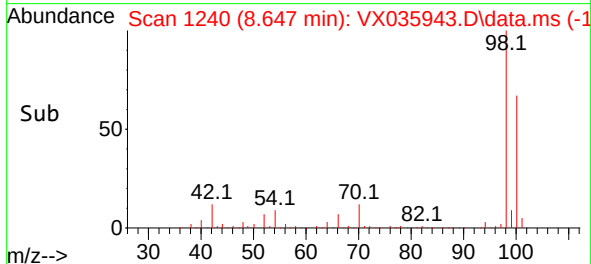
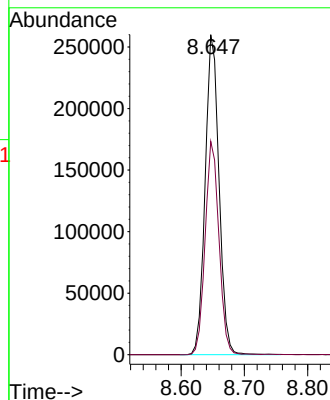
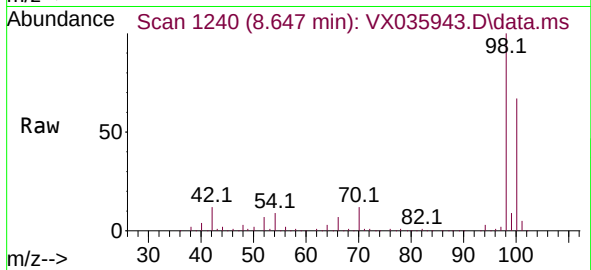




#50
Toluene-d8
Concen: 51.175 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035943.D
Acq: 31 May 2023 17:55

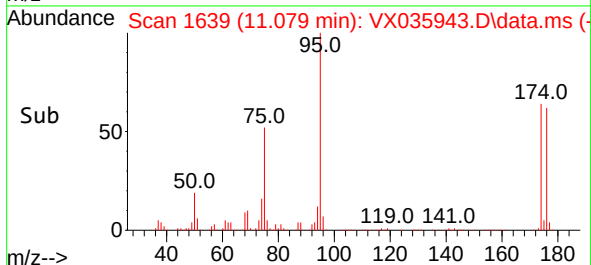
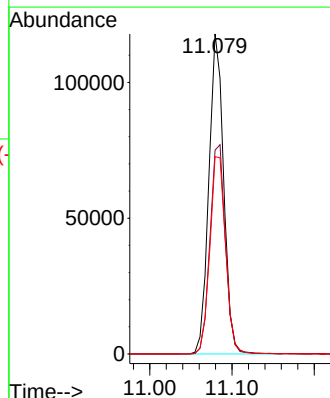
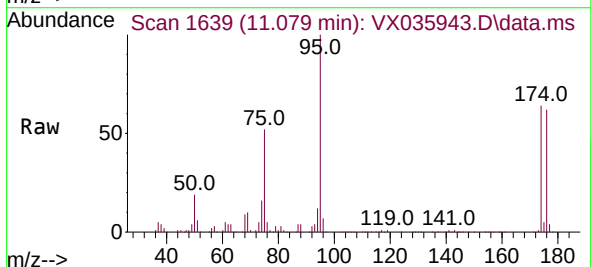
Instrument :
MSVOA_X
ClientSampleId :
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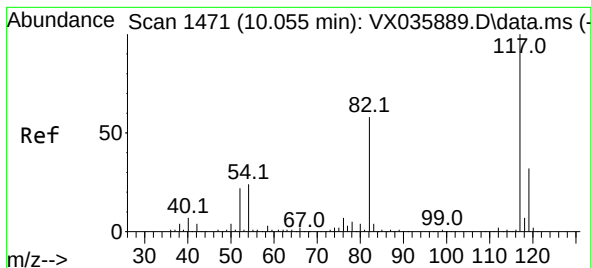
Tgt Ion: 98 Resp: 396691
Ion Ratio Lower Upper
98 100
100 66.3 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 48.203 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035943.D
Acq: 31 May 2023 17:55

Tgt Ion: 95 Resp: 147501
Ion Ratio Lower Upper
95 100
174 68.0 0.0 132.6
176 65.7 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: VX035943.D

Acq: 31 May 2023 17:55

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

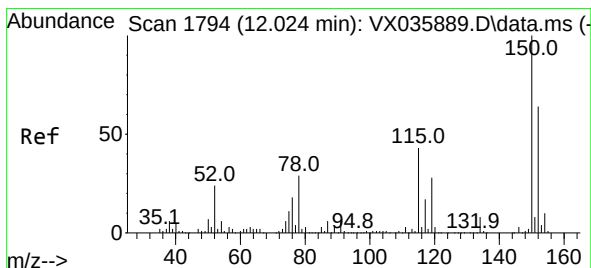
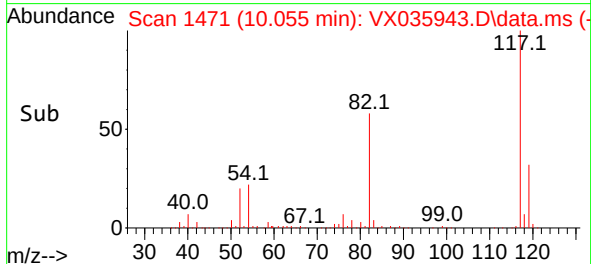
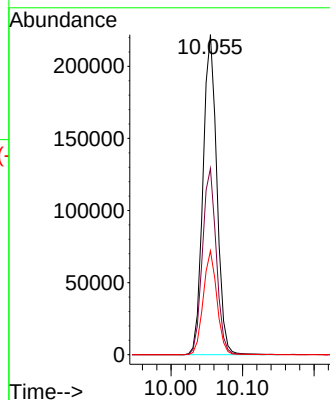
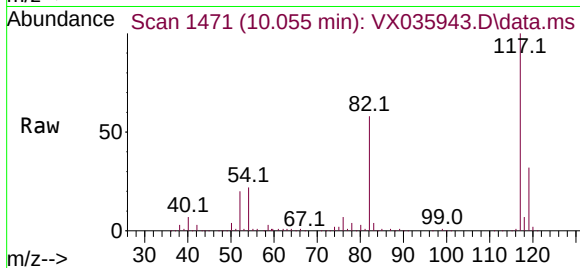
Tgt Ion:117 Resp: 298175

Ion Ratio Lower Upper

117 100

82 58.2 46.6 69.8

119 32.5 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: VX035943.D

Acq: 31 May 2023 17:55

Tgt Ion:152 Resp: 136061

Ion Ratio Lower Upper

152 100

115 62.4 45.5 136.5

150 153.5 0.0 345.2

