

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032323\
 Data File : VX034704.D
 Acq On : 23 Mar 2023 17:25
 Operator : JC/MD
 Sample : 02055-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Mar 24 05:47:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

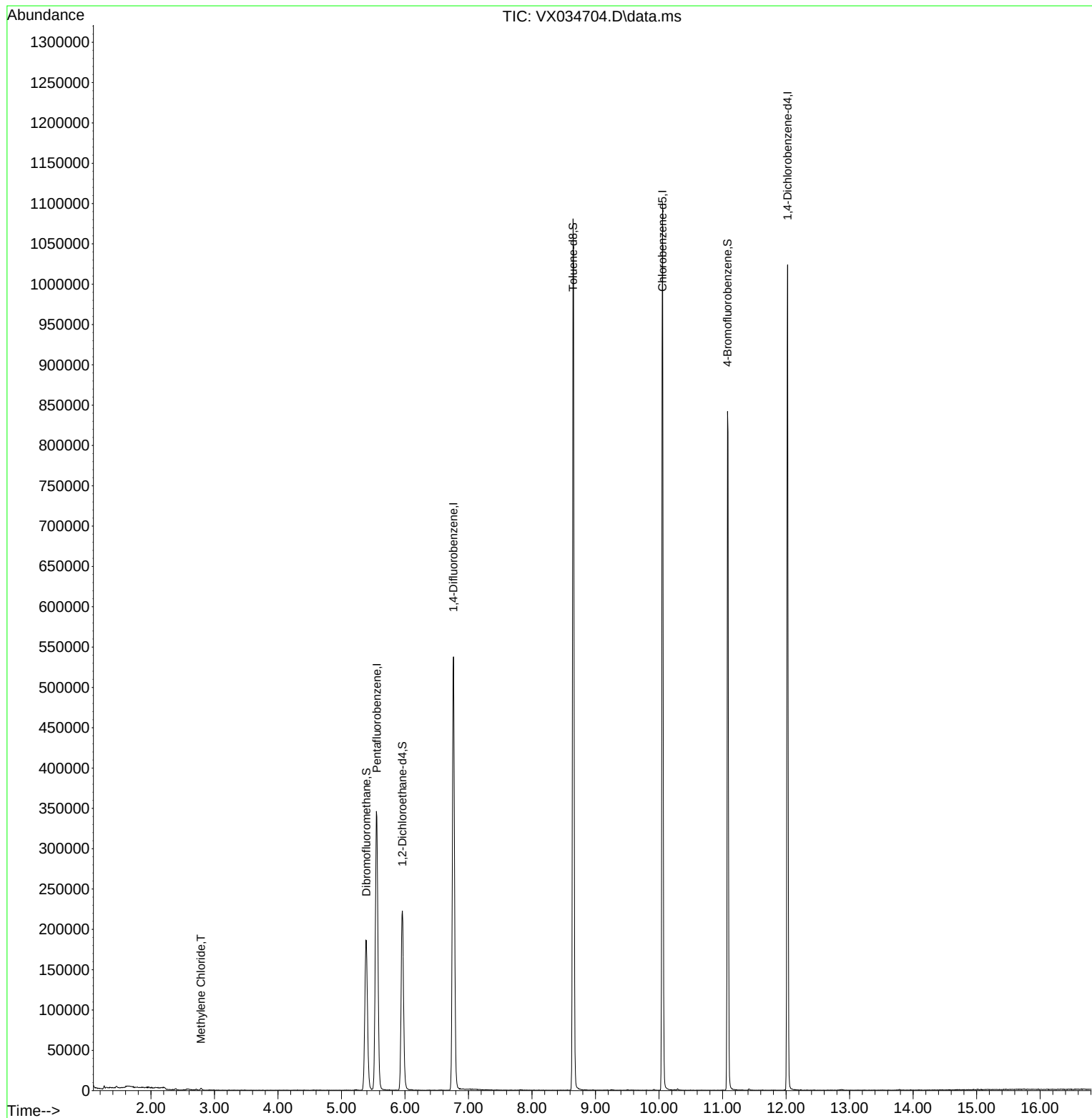
Internal Standards						
1) Pentafluorobenzene	5.555	168	316084	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	530117	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	464553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	204835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	222435	48.372	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.740%
35) Dibromofluoromethane	5.391	113	163590	46.739	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.480%
50) Toluene-d8	8.646	98	631726	48.349	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.700%
62) 4-Bromofluorobenzene	11.079	95	239521	45.384	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.760%
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.788	84	1029	0.245	ug/l #	89

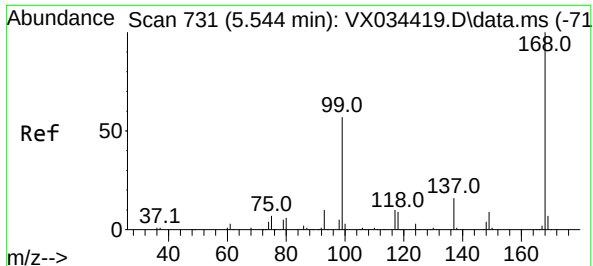
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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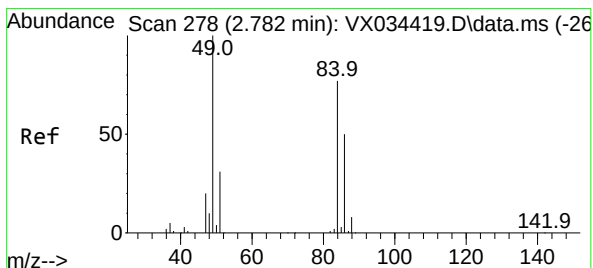
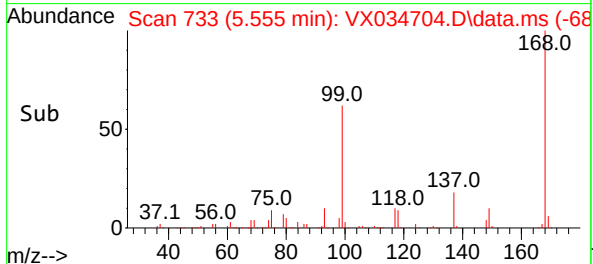
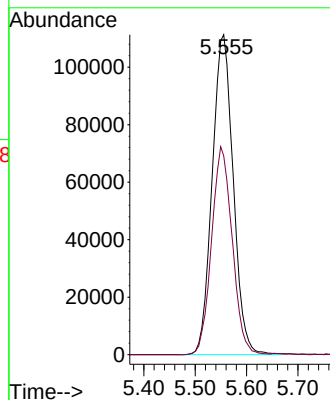
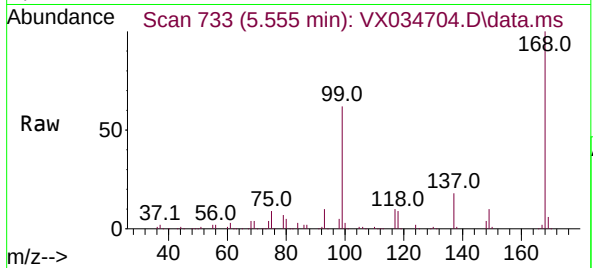




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.011 min
Lab File: VX034704.D
Acq: 23 Mar 2023 17:25

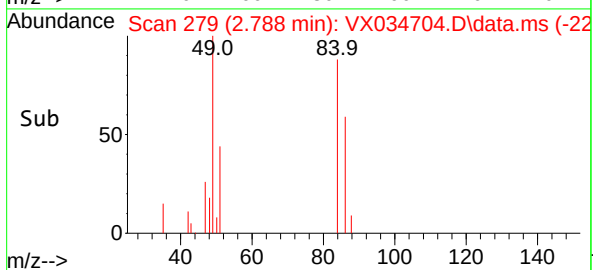
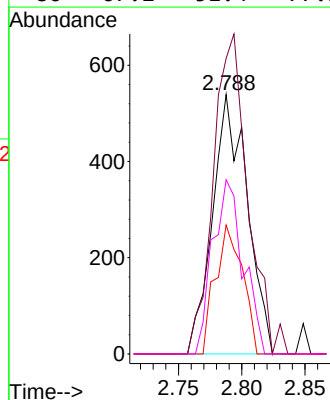
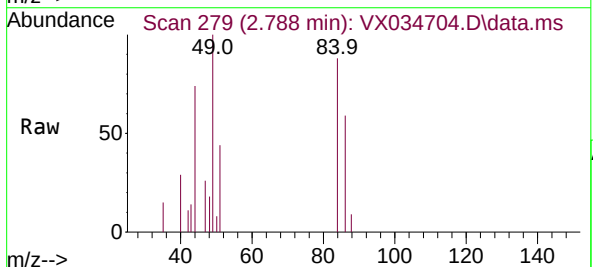
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

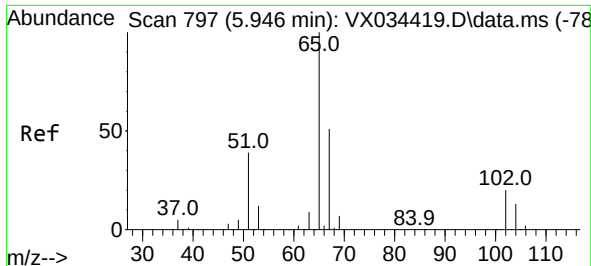
Tgt Ion:168 Resp: 316084
Ion Ratio Lower Upper
168 100
99 62.2 45.7 68.5



#20
Methylene Chloride
Concen: 0.245 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034704.D
Acq: 23 Mar 2023 17:25

Tgt Ion: 84 Resp: 1029
Ion Ratio Lower Upper
84 100
49 113.9 103.8 155.8
51 49.7 31.8 47.8#
86 67.2 51.4 77.2

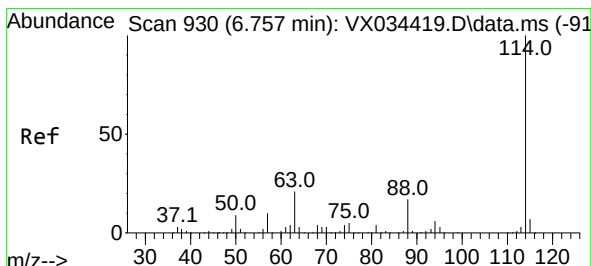
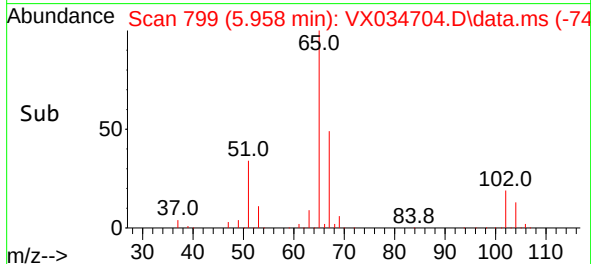
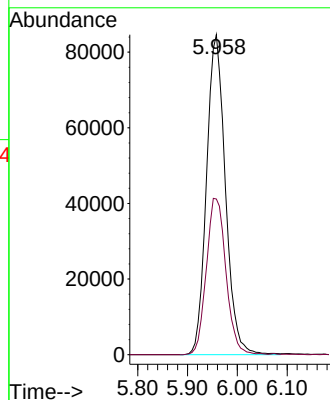
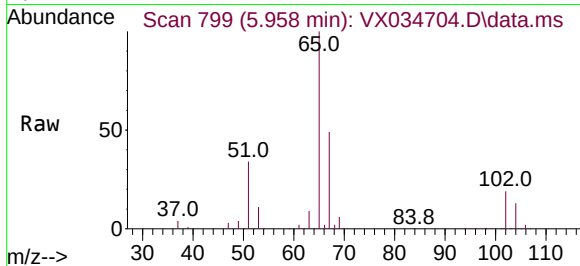




#33
 1,2-Dichloroethane-d4
 Concen: 48.372 ug/l
 RT: 5.958 min Scan# 797
 Delta R.T. 0.012 min
 Lab File: VX034704.D
 Acq: 23 Mar 2023 17:25

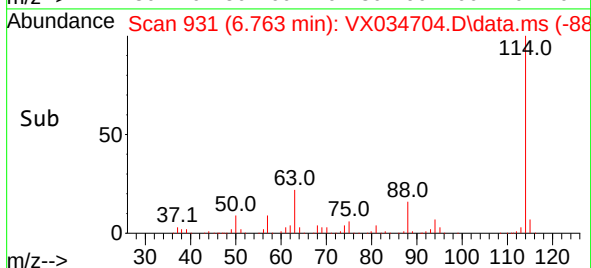
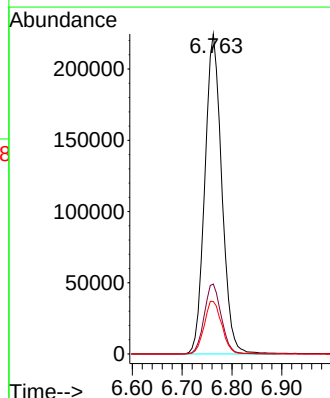
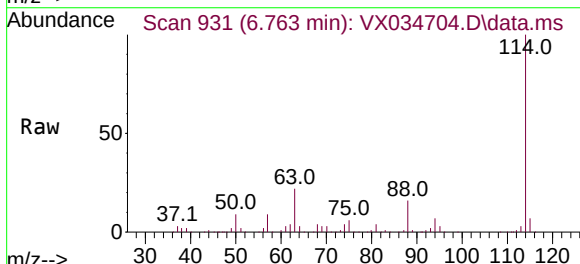
Instrument :
 MSVOA_X
 ClientSampleId :
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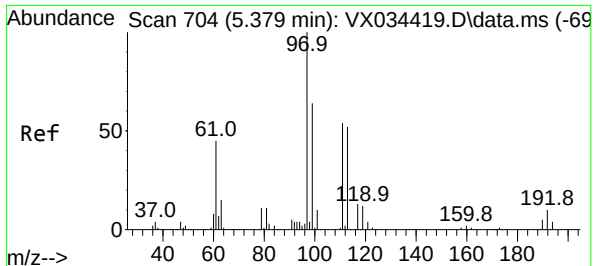
Tgt Ion: 65 Resp: 222435
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX034704.D
 Acq: 23 Mar 2023 17:25

Tgt Ion: 114 Resp: 530117
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.2
 88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.739 ug/l

RT: 5.391 min Scan# 704

Delta R.T. 0.012 min

Lab File: VX034704.D

Acq: 23 Mar 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

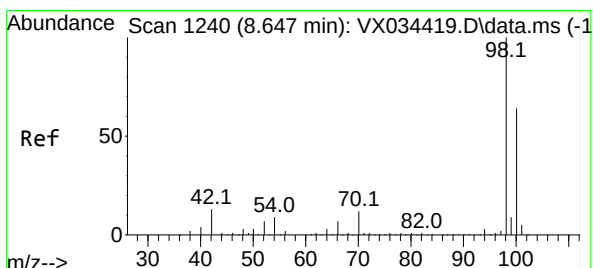
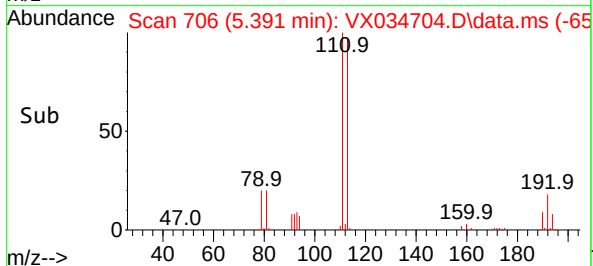
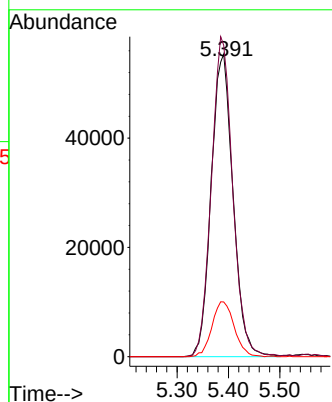
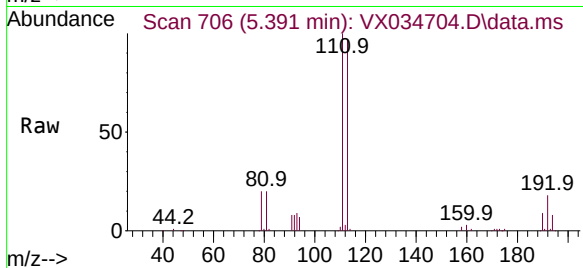
Tgt Ion:113 Resp: 163590

Ion Ratio Lower Upper

113 100

111 103.1 83.7 125.5

192 18.5 15.4 23.2



#50

Toluene-d8

Concen: 48.349 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX034704.D

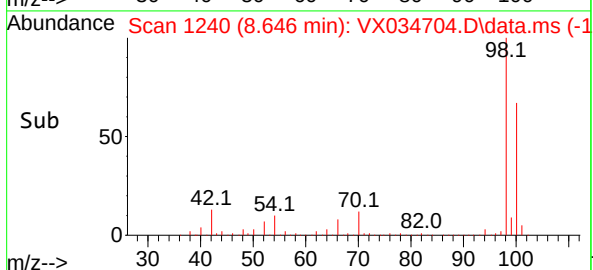
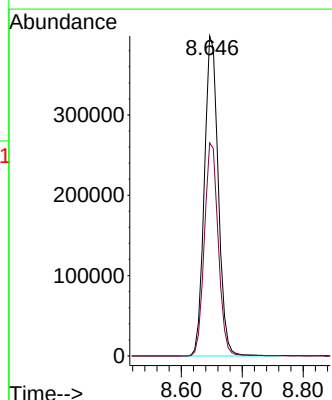
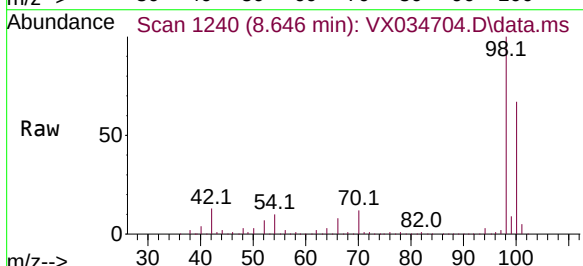
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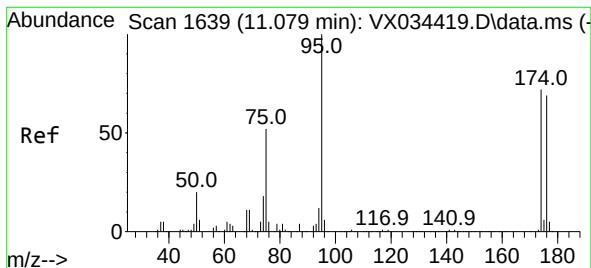
Tgt Ion: 98 Resp: 631726

Ion Ratio Lower Upper

98 100

100 66.5 52.5 78.7

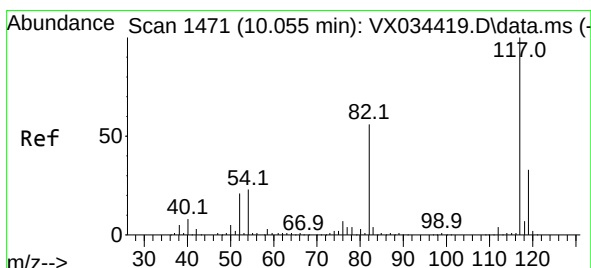
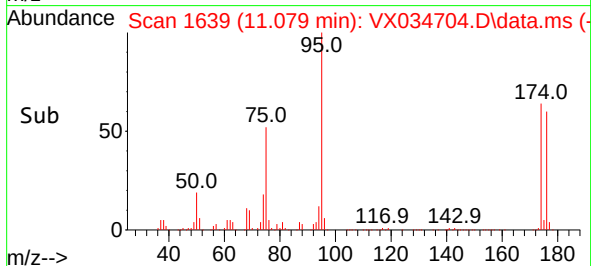
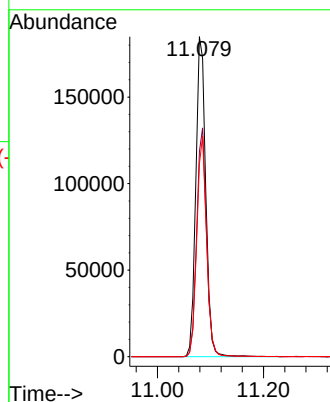
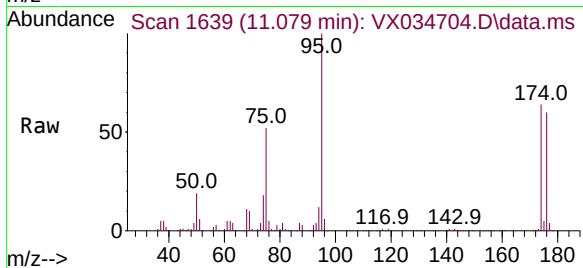




#62
4-Bromofluorobenzene
Concen: 45.384 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034704.D
Acq: 23 Mar 2023 17:25

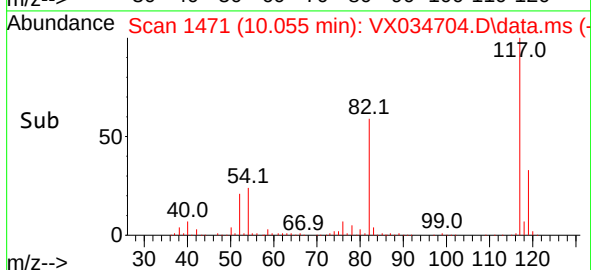
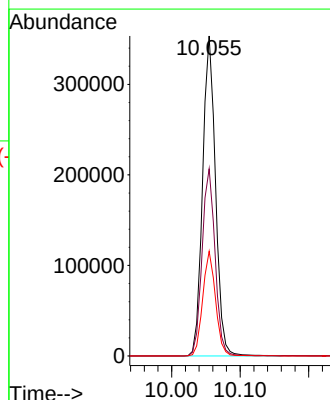
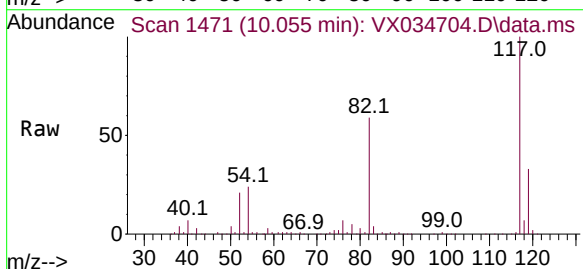
Instrument :
MSVOA_X
ClientSampleId :
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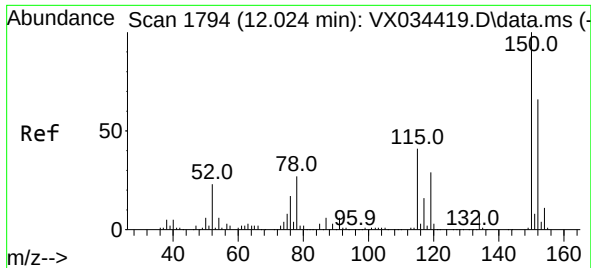
Tgt Ion: 95 Resp: 239521
Ion Ratio Lower Upper
95 100
174 70.7 0.0 147.4
176 68.1 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034704.D
Acq: 23 Mar 2023 17:25

Tgt Ion: 117 Resp: 464553
Ion Ratio Lower Upper
117 100
82 58.5 45.0 67.4
119 32.7 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034704.D

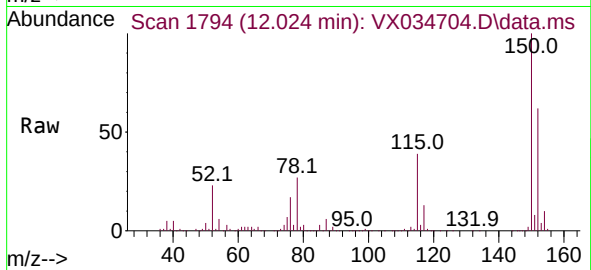
Acq: 23 Mar 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK



Tgt Ion:152 Resp: 204835

Ion Ratio Lower Upper

152 100

115 63.2 45.0 135.0

150 157.7 0.0 352.4

