

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061323\
 Data File : VX036151.D
 Acq On : 13 Jun 2023 18:00
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 14 00:58:32 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)

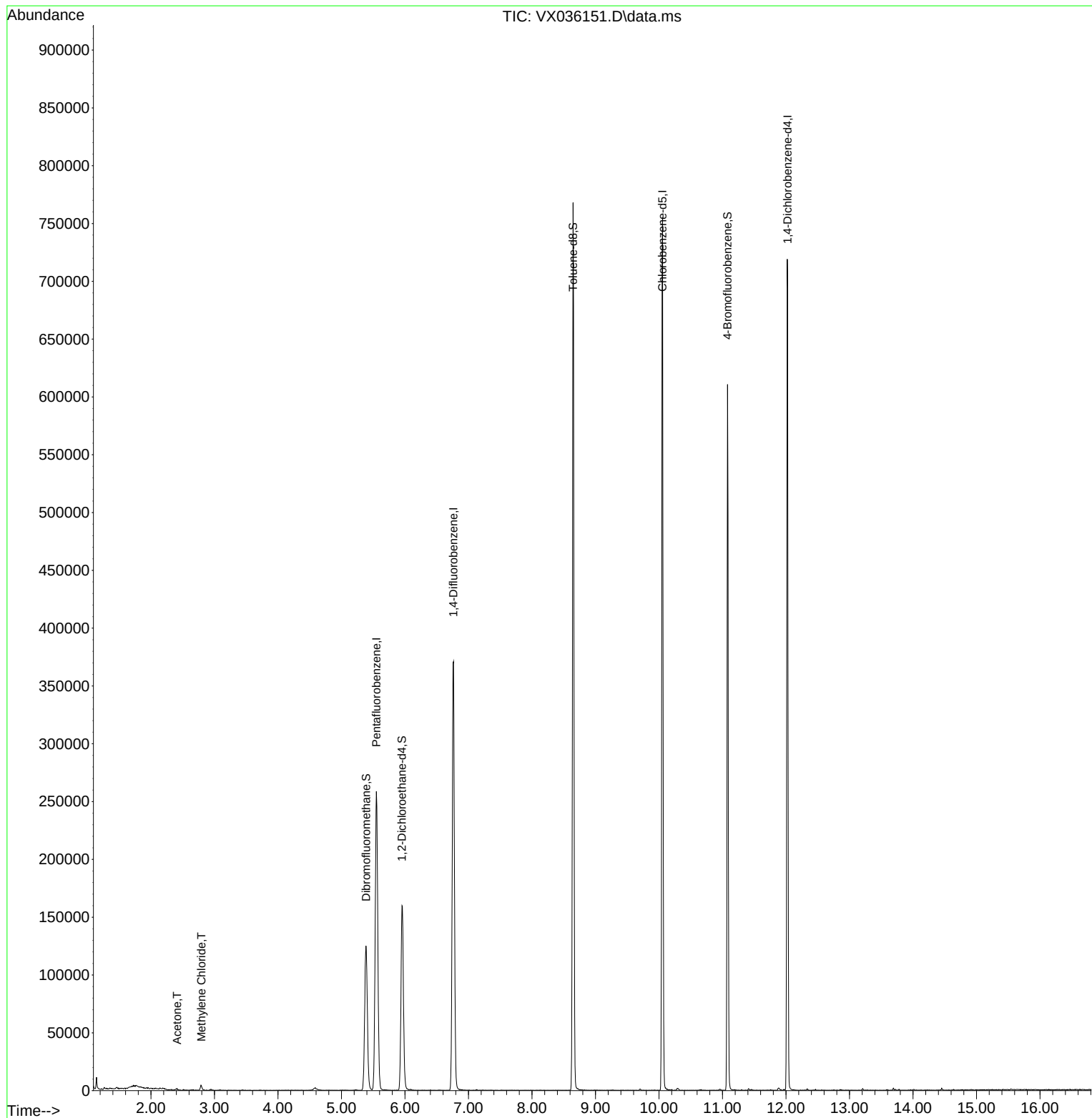
Internal Standards						
1) Pentafluorobenzene	5.550	168	216127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	353182	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	164373	46.835	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.680%
35) Dibromofluoromethane	5.385	113	109641	46.155	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.320%
50) Toluene-d8	8.647	98	422641	49.574	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.140%
62) 4-Bromofluorobenzene	11.079	95	159081	47.268	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.540%
Target Compounds						
					Qvalue	
16) Acetone	2.410	43	1489	1.028	ug/l #	76
20) Methylene Chloride	2.794	84	1958	0.702	ug/l #	74

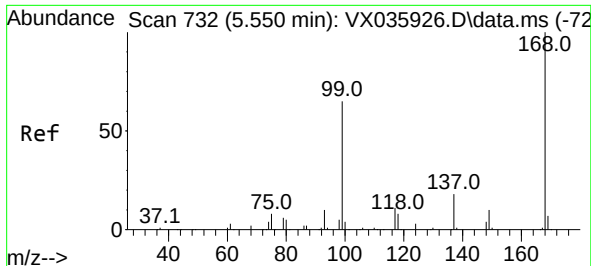
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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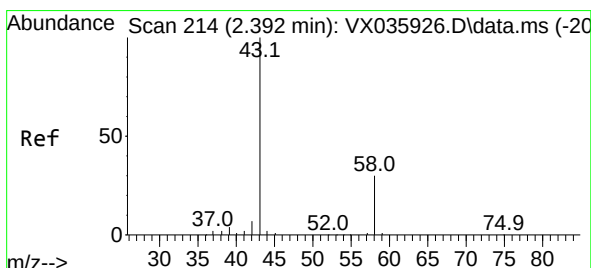
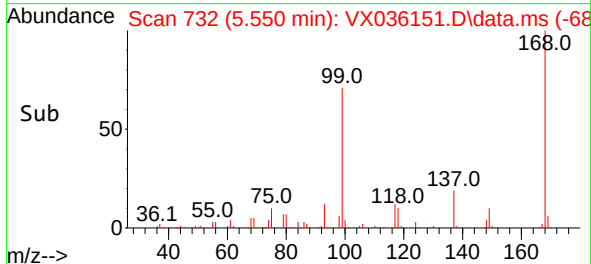
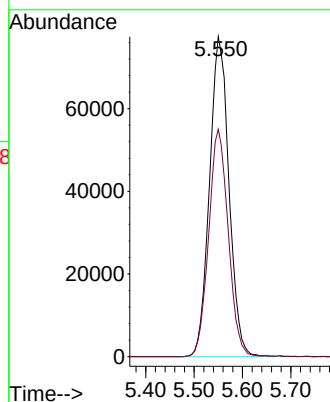
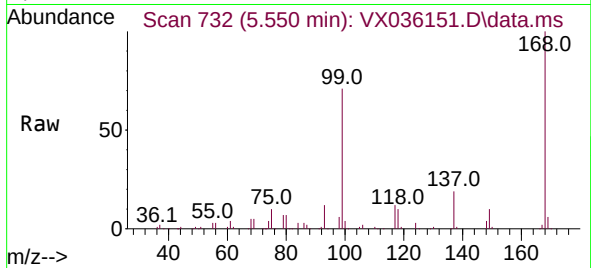




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036151.D
Acq: 13 Jun 2023 18:00

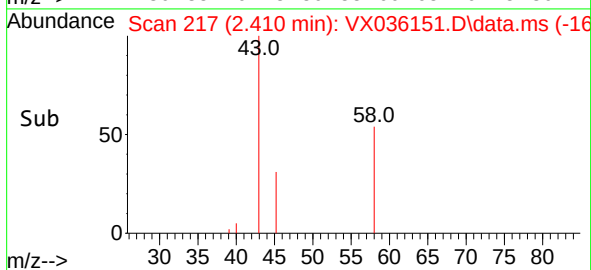
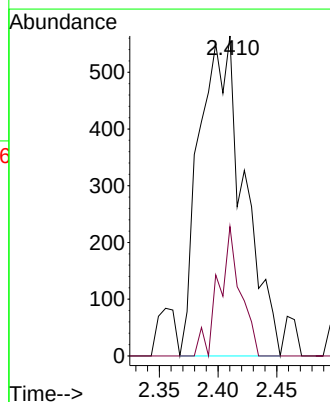
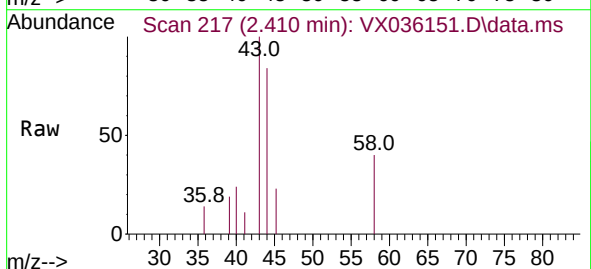
Instrument :
MSVOA_X
ClientSampleId :
IBLK

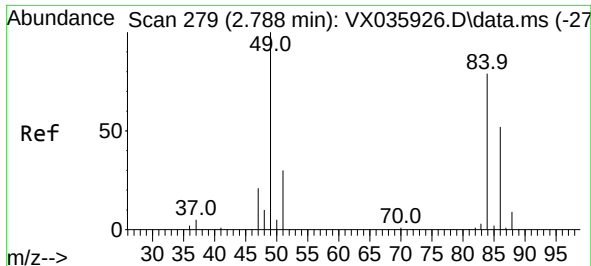
Tgt Ion:168 Resp: 216127
Ion Ratio Lower Upper
168 100
99 71.0 57.0 85.6



#16
Acetone
Concen: 1.028 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.019 min
Lab File: VX036151.D
Acq: 13 Jun 2023 18:00

Tgt Ion: 43 Resp: 1489
Ion Ratio Lower Upper
43 100
58 40.4 22.2 33.2#

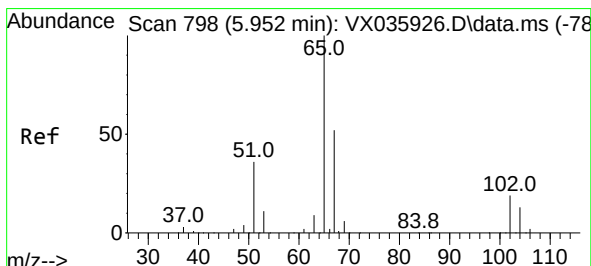
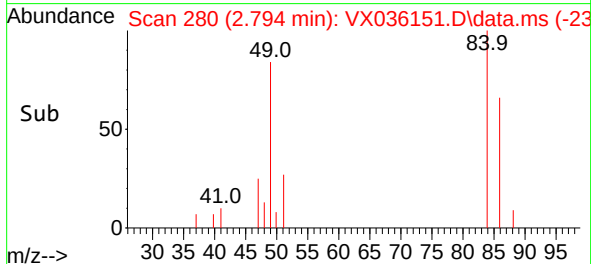
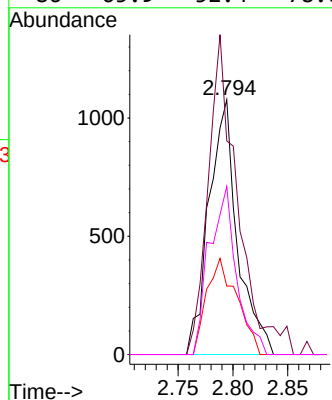
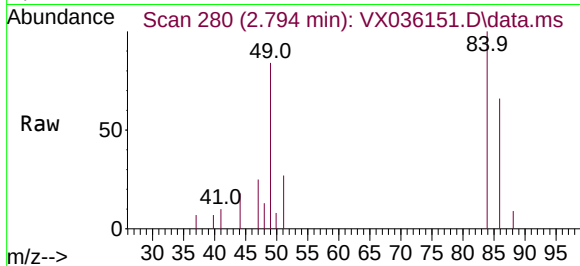




#20
Methylene Chloride
Concen: 0.702 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036151.D
Acq: 13 Jun 2023 18:00

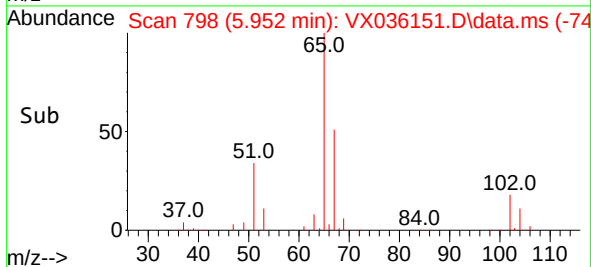
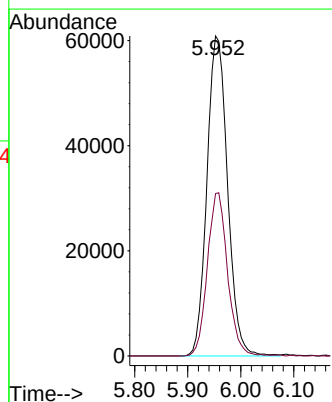
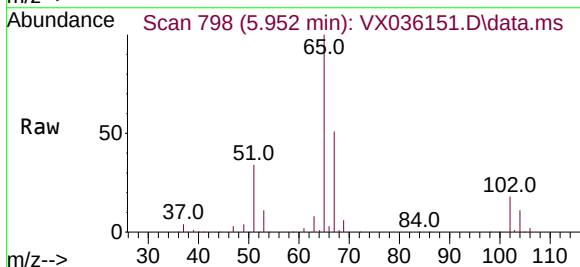
Instrument :
MSVOA_X
ClientSampleId :
IBLK

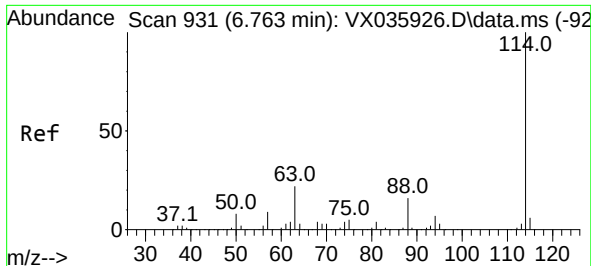
Tgt Ion:	84	Resp:	1958
Ion	Ratio	Lower	Upper
84	100		
49	83.8	104.6	156.8#
51	26.9	32.2	48.4#
86	65.9	52.4	78.6



#33
1,2-Dichloroethane-d4
Concen: 46.835 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX036151.D
Acq: 13 Jun 2023 18:00

Tgt Ion:	65	Resp:	164373
Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	99.6

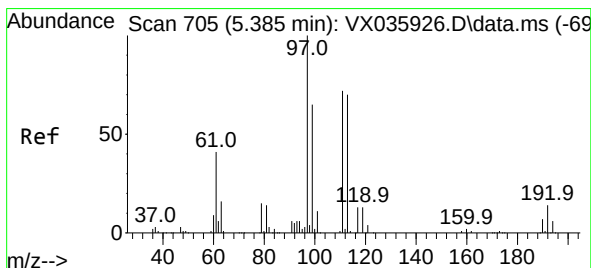
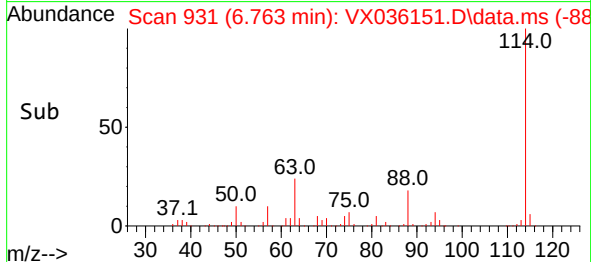
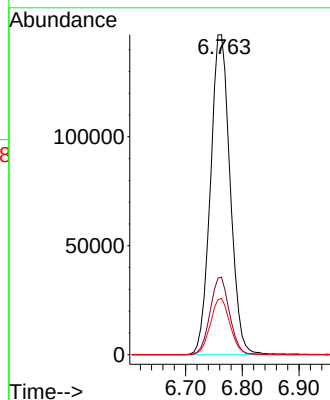
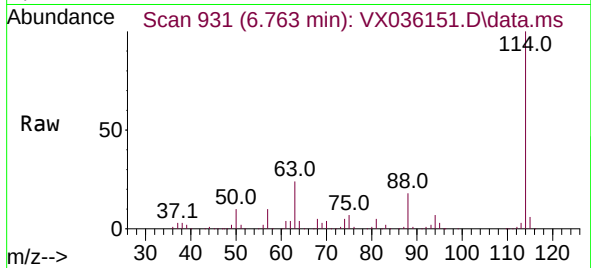




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX036151.D
Acq: 13 Jun 2023 18:00

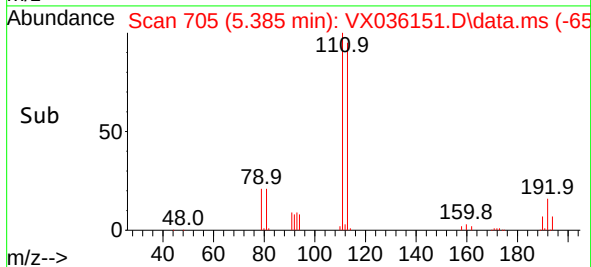
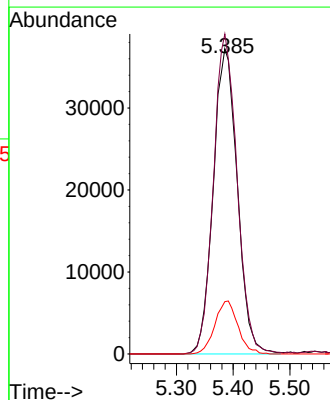
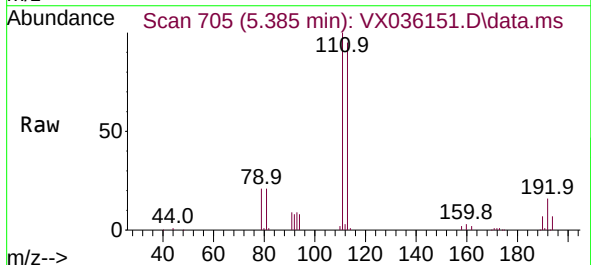
Instrument :
MSVOA_X
ClientSampleId :
IBLK

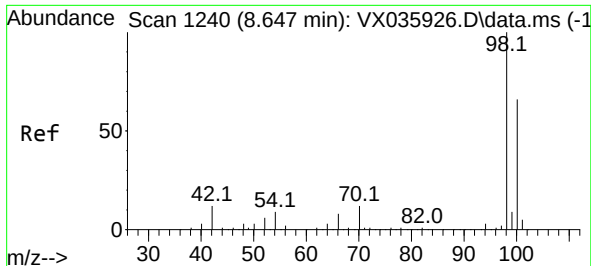
Tgt Ion:114 Resp: 353182
Ion Ratio Lower Upper
114 100
63 24.3 0.0 46.0
88 17.6 0.0 35.2



#35
Dibromofluoromethane
Concen: 46.155 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036151.D
Acq: 13 Jun 2023 18:00

Tgt Ion:113 Resp: 109641
Ion Ratio Lower Upper
113 100
111 103.0 81.7 122.5
192 16.7 13.5 20.3





#50

Toluene-d8

Concen: 49.574 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX036151.D

Acq: 13 Jun 2023 18:00

Instrument :

MSVOA_X

ClientSampleId :

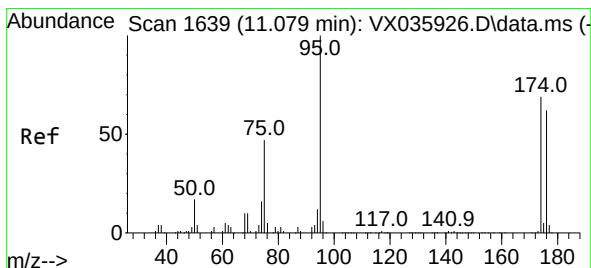
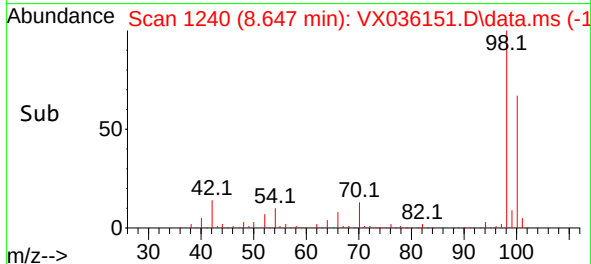
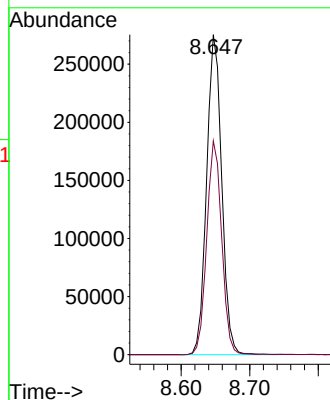
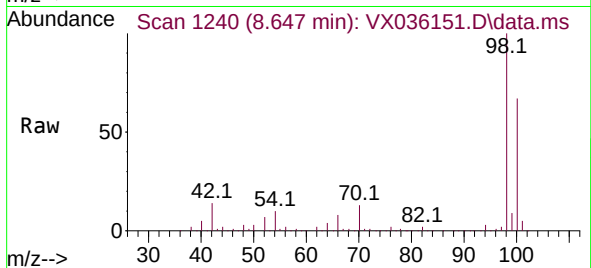
IBLK

Tgt Ion: 98 Resp: 422641

Ion Ratio Lower Upper

98 100

100 66.3 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 47.268 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036151.D

Acq: 13 Jun 2023 18:00

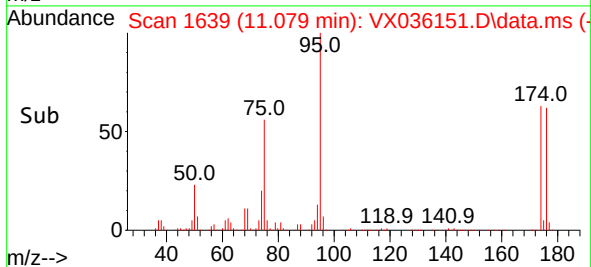
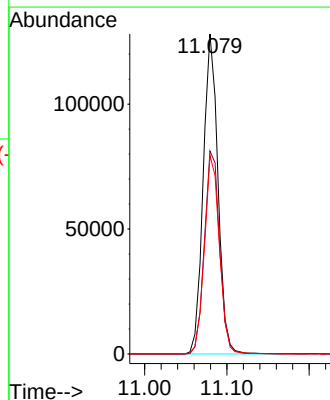
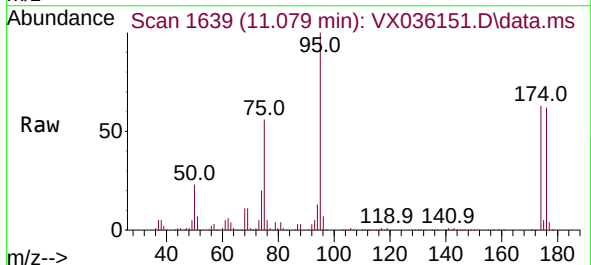
Tgt Ion: 95 Resp: 159081

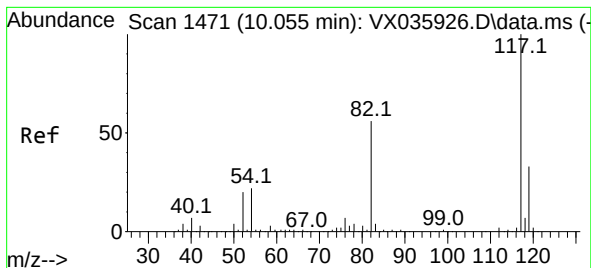
Ion Ratio Lower Upper

95 100

174 66.1 0.0 132.6

176 63.1 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: VX036151.D

Acq: 13 Jun 2023 18:00

Instrument :

MSVOA_X

ClientSampleId :

IBLK

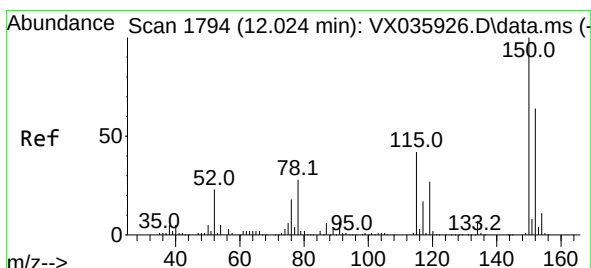
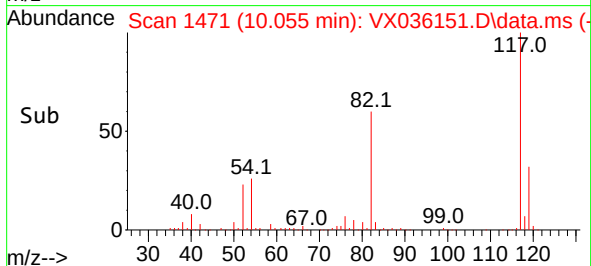
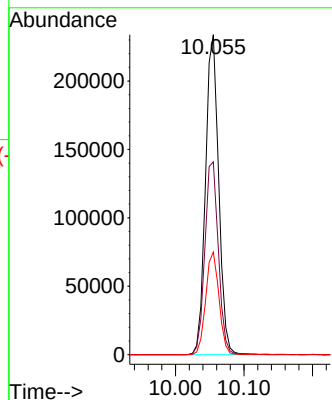
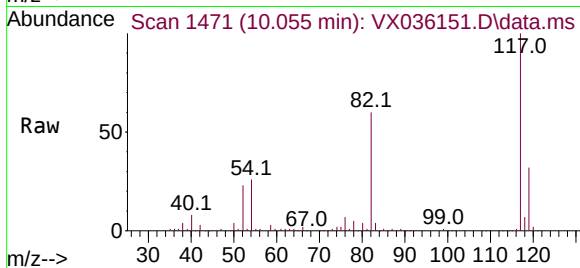
Tgt Ion:117 Resp: 313637

Ion Ratio Lower Upper

117 100

82 60.3 46.6 69.8

119 32.0 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: VX036151.D

Acq: 13 Jun 2023 18:00

Tgt Ion:152 Resp: 137343

Ion Ratio Lower Upper

152 100

115 66.4 45.5 136.5

150 156.4 0.0 345.2

