

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080923\
 Data File : VX036886.D
 Acq On : 09 Aug 2023 12:36
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 10 01:15:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

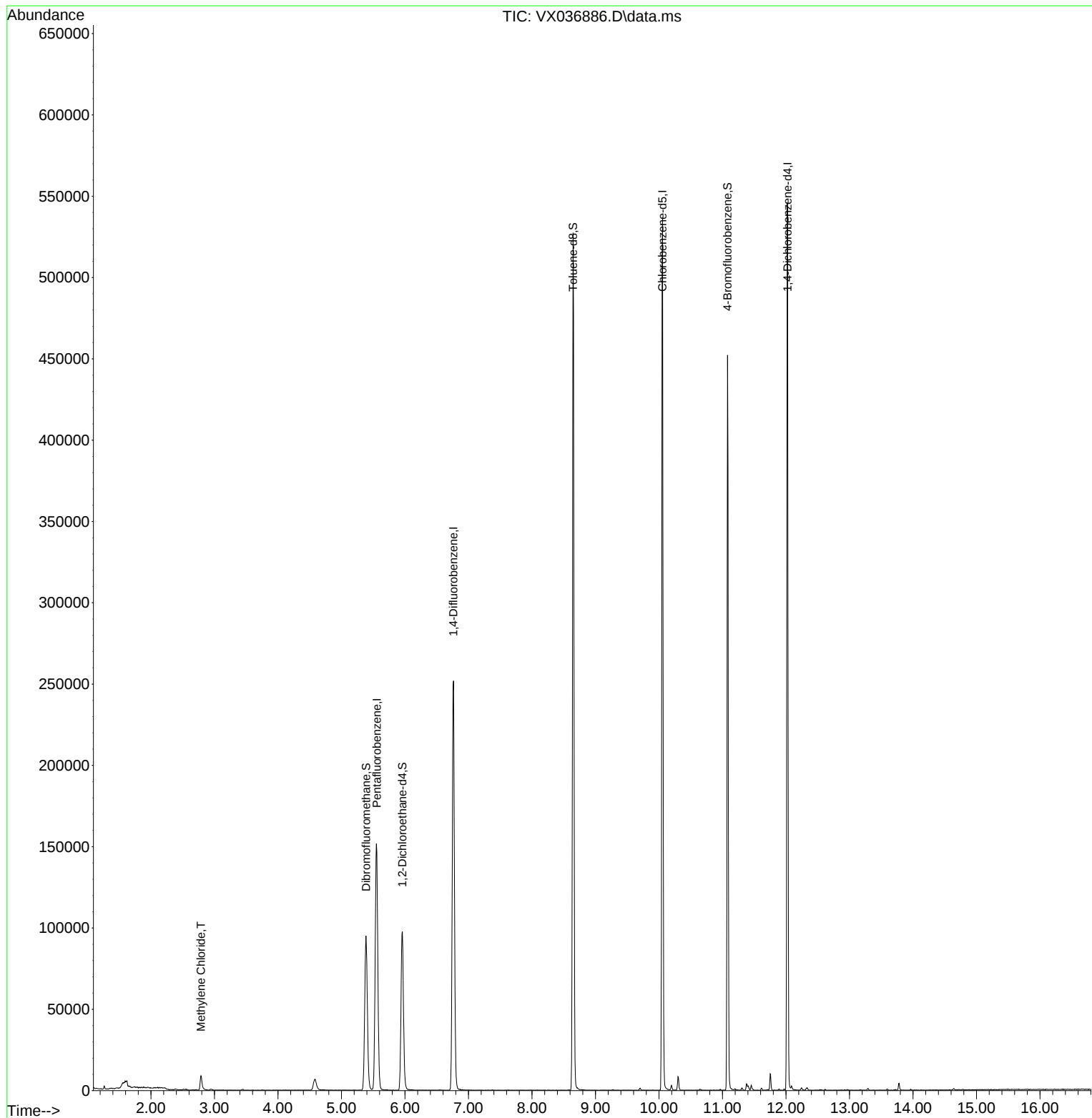
Internal Standards						
1) Pentafluorobenzene	5.556	168	141401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	260532	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98037	46.858	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.720%
35) Dibromofluoromethane	5.385	113	83056	46.381	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.760%
50) Toluene-d8	8.647	98	313040	49.294	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.580%
62) 4-Bromofluorobenzene	11.079	95	121454	50.692	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.380%
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.788	84	4998	2.589	ug/l	95

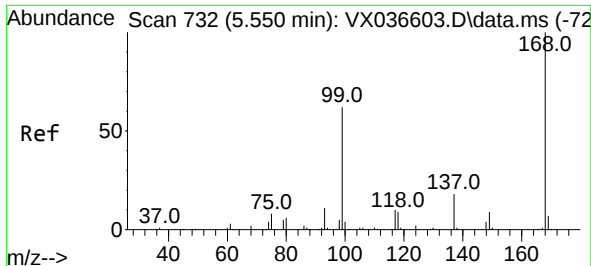
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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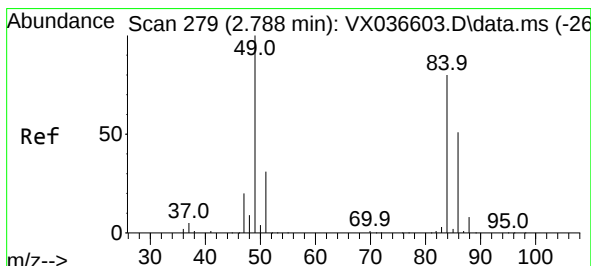
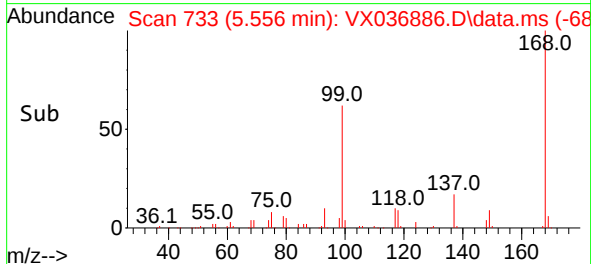
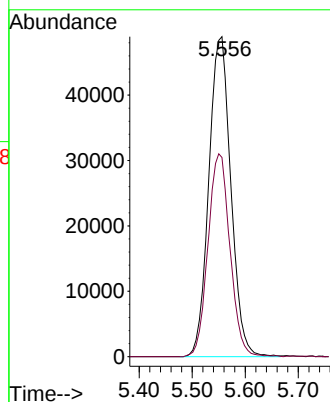
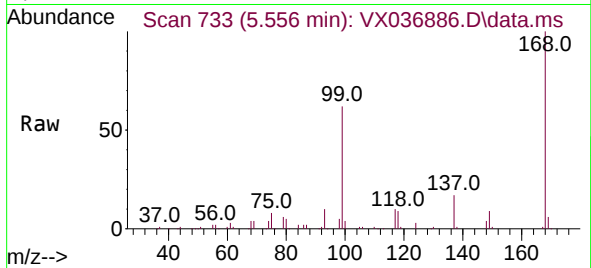




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.006 min
Lab File: VX036886.D
Acq: 09 Aug 2023 12:36

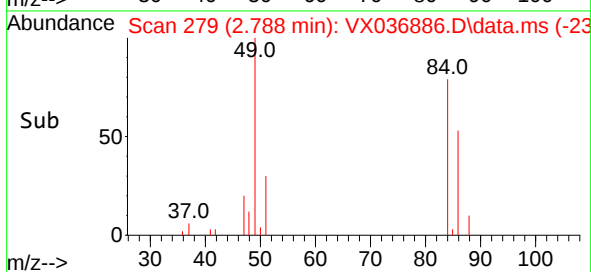
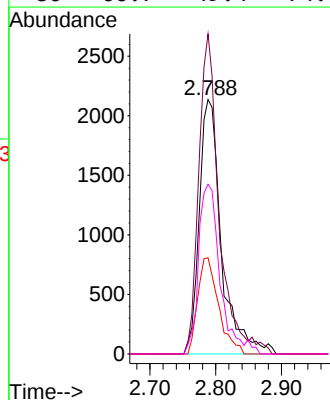
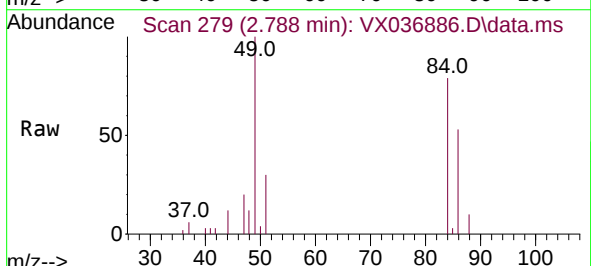
Instrument :
MSVOA_X
ClientSampleId :
IBLK

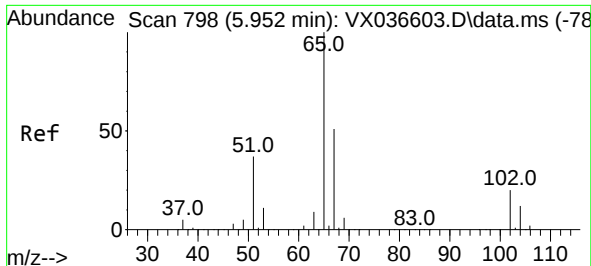
Tgt Ion:168 Resp: 141401
Ion Ratio Lower Upper
168 100
99 62.3 56.6 85.0



#20
Methylene Chloride
Concen: 2.589 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036886.D
Acq: 09 Aug 2023 12:36

Tgt Ion: 84 Resp: 4998
Ion Ratio Lower Upper
84 100
49 125.8 103.6 155.4
51 37.8 33.8 50.6
86 66.7 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 46.858 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036886.D

Acq: 09 Aug 2023 12:36

Instrument :

MSVOA_X

ClientSampleId :

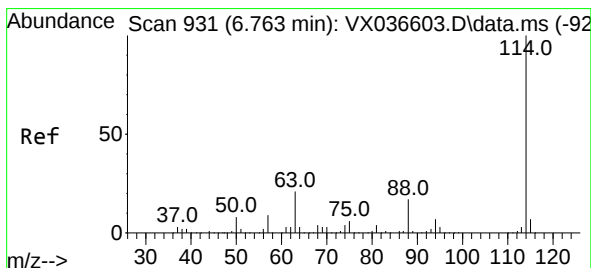
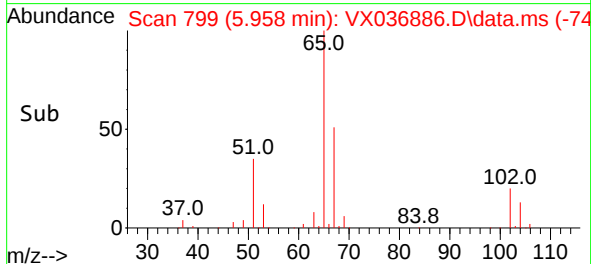
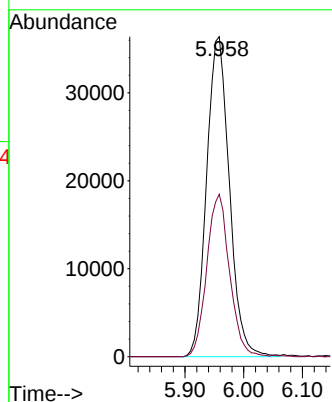
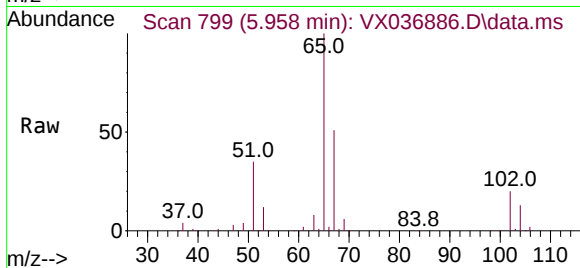
IBLK

Tgt Ion: 65 Resp: 98037

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036886.D

Acq: 09 Aug 2023 12:36

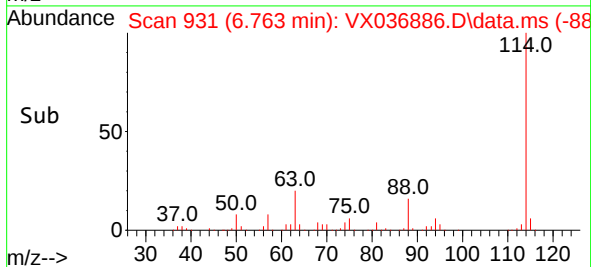
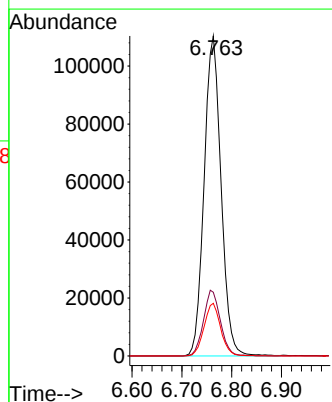
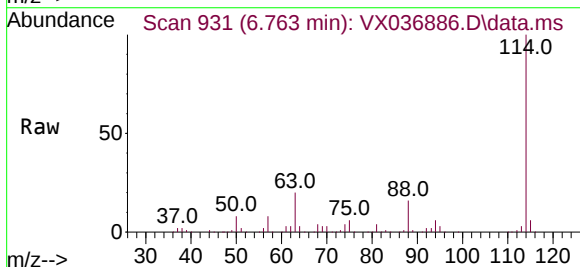
Tgt Ion: 114 Resp: 260532

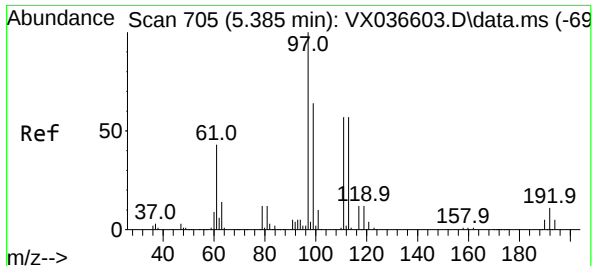
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

88 16.4 0.0 36.6

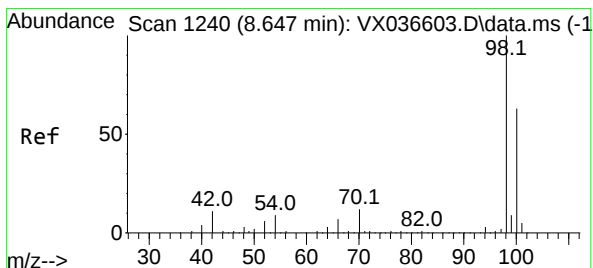
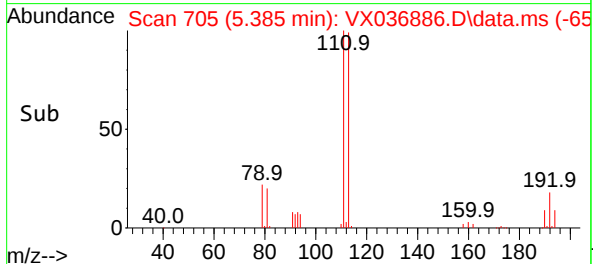
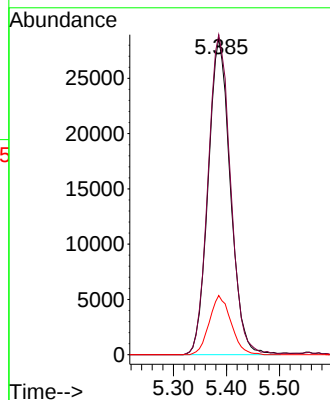
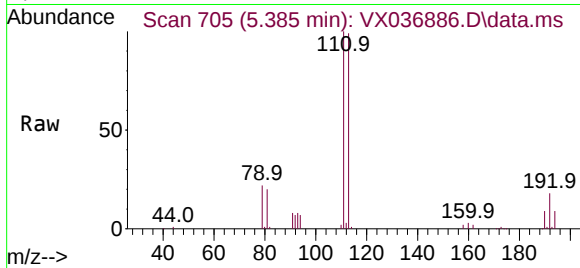




#35
Dibromofluoromethane
Concen: 46.381 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036886.D
Acq: 09 Aug 2023 12:36

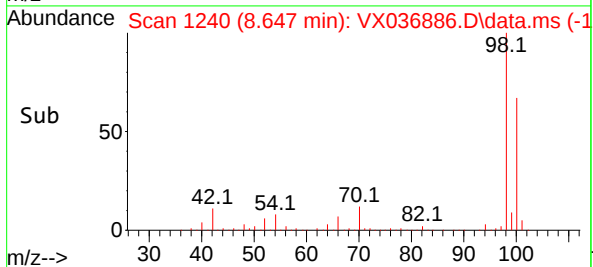
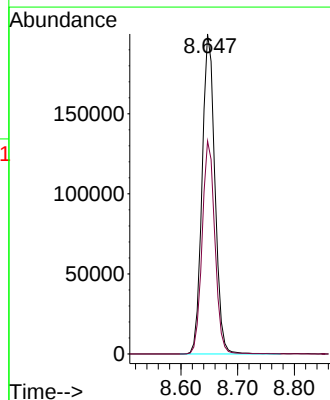
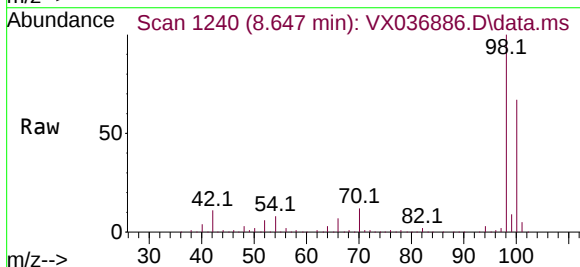
Instrument :
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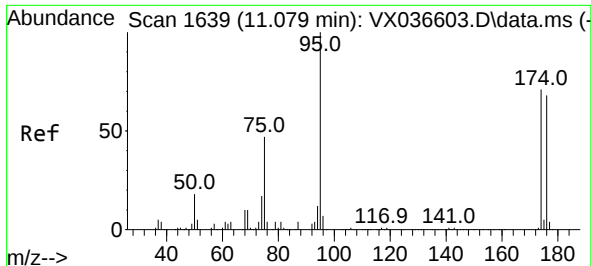
Tgt Ion:113 Resp: 83056
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.4 13.3 19.9



#50
Toluene-d8
Concen: 49.294 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036886.D
Acq: 09 Aug 2023 12:36

Tgt Ion: 98 Resp: 313040
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

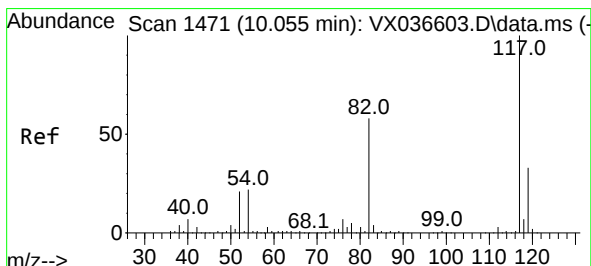
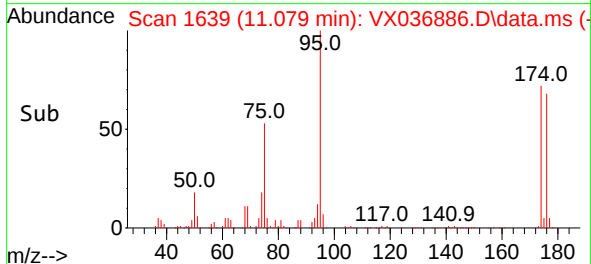
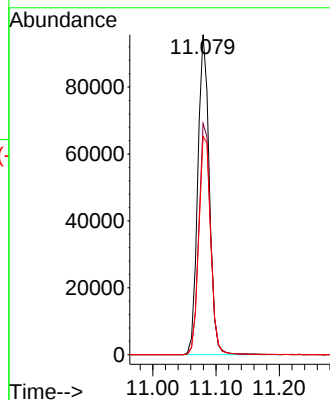
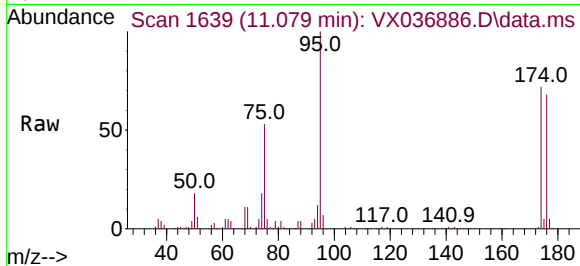




#62
4-Bromofluorobenzene
Concen: 50.692 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036886.D
Acq: 09 Aug 2023 12:36

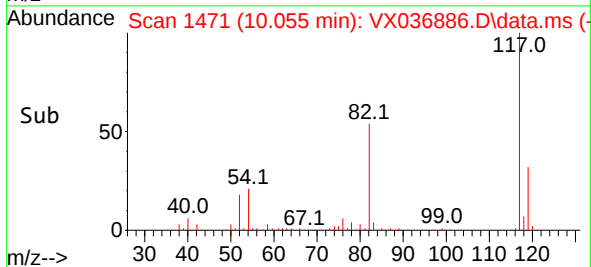
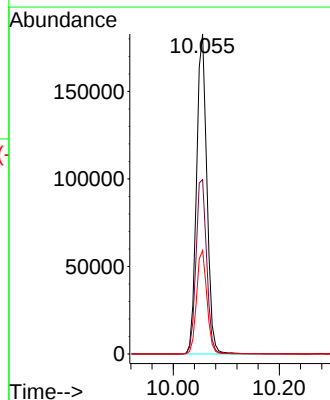
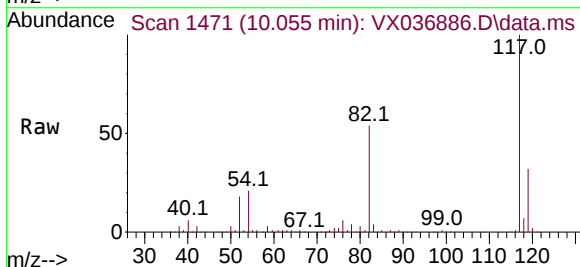
Instrument :
MSVOA_X
ClientSampleId :
IBLK

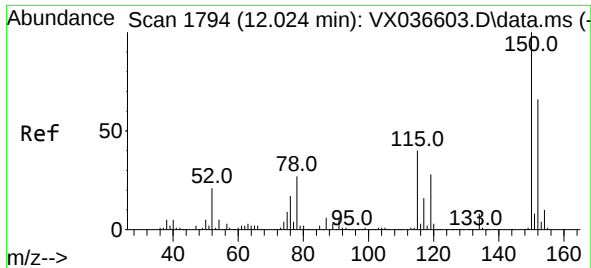
Tgt Ion: 95 Resp: 121454
Ion Ratio Lower Upper
95 100
174 73.0 0.0 135.6
176 70.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036886.D
Acq: 09 Aug 2023 12:36

Tgt Ion: 117 Resp: 246902
Ion Ratio Lower Upper
117 100
82 54.5 46.2 69.4
119 32.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036886.D

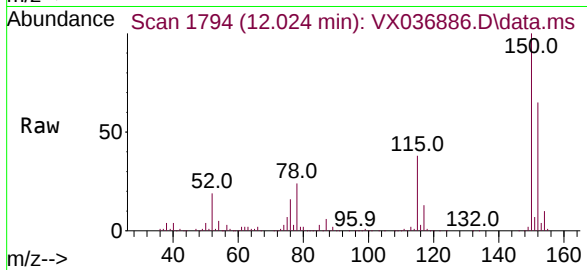
Acq: 09 Aug 2023 12:36

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:152 Resp: 114093

Ion Ratio Lower Upper

152 100

115 61.7 43.3 129.9

150 155.8 0.0 345.0

