

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080223\
 Data File : VX036780.D
 Acq On : 02 Aug 2023 19:05
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 03 07:30:59 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	136152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	248695	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111587	50.000	ug/l	0.00

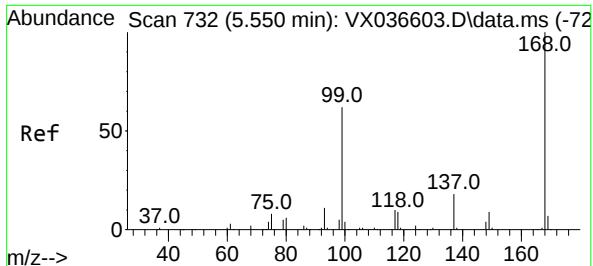
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94093	46.706	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.420%
35) Dibromofluoromethane	5.391	113	79098	46.273	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.540%
50) Toluene-d8	8.647	98	295034	48.670	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.340%
62) 4-Bromofluorobenzene	11.079	95	116483	50.932	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.860%

Target Compounds	Qvalue

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

Quant Time: Aug 03 07:30:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
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QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

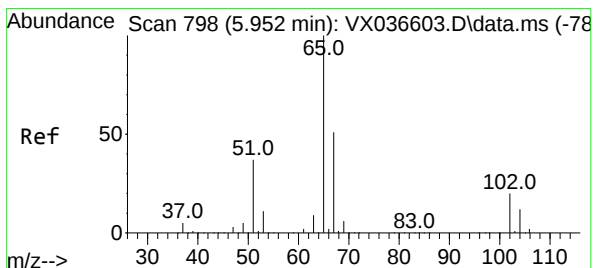
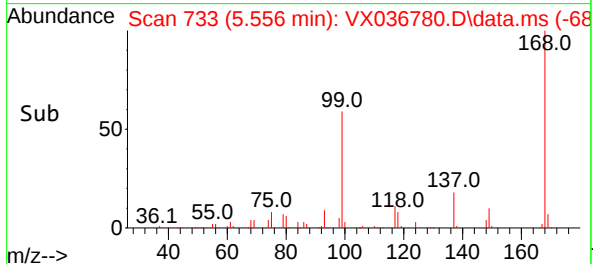
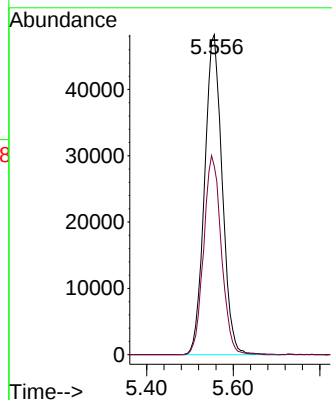
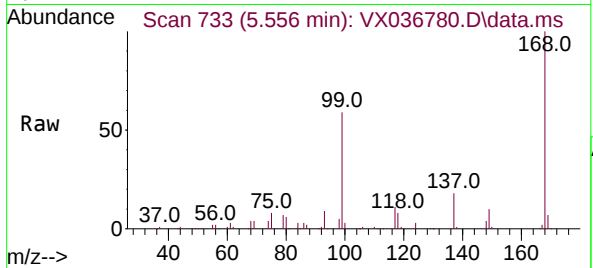




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036780.D
Acq: 02 Aug 2023 19:05

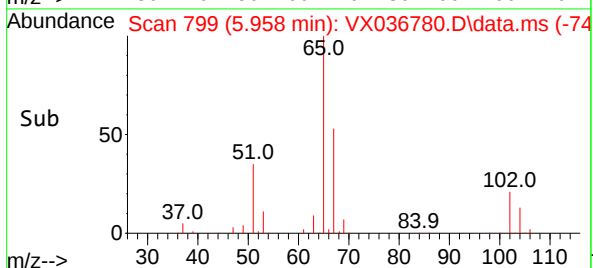
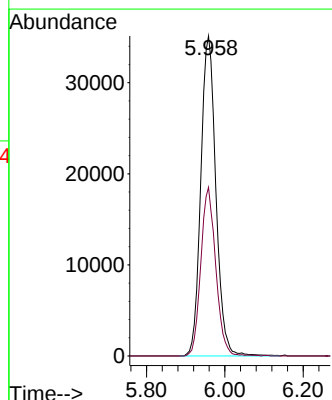
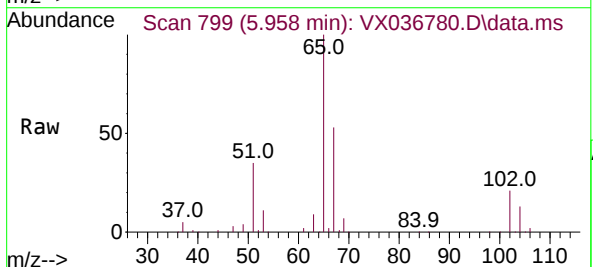
Instrument :
MSVOA_X
ClientSampleId :
IBLK

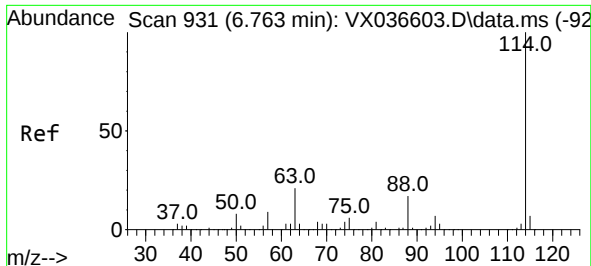
Tgt Ion:168 Resp: 136152
Ion Ratio Lower Upper
168 100
99 58.9 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 46.706 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036780.D
Acq: 02 Aug 2023 19:05

Tgt Ion: 65 Resp: 94093
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

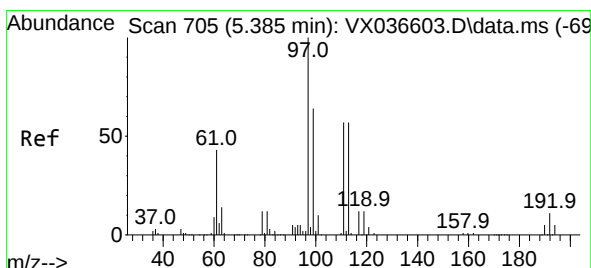
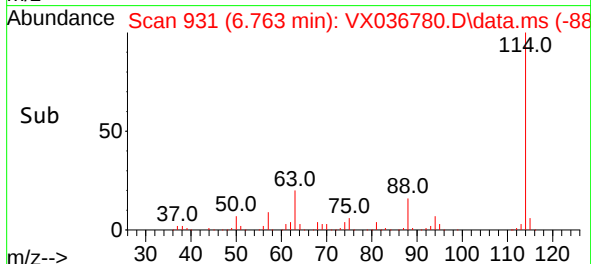
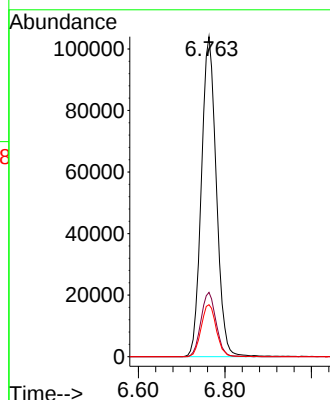
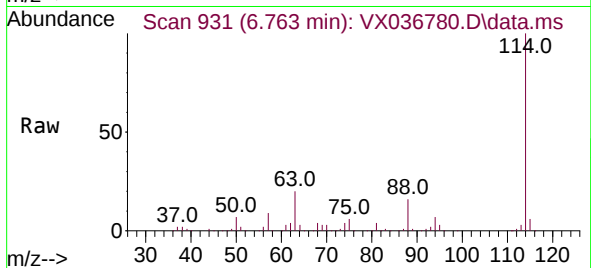




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036780.D
Acq: 02 Aug 2023 19:05

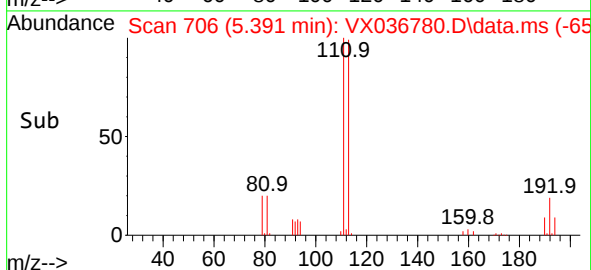
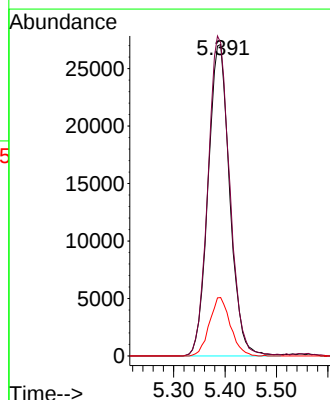
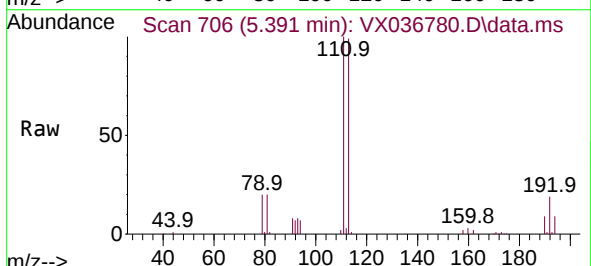
Instrument :
MSVOA_X
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IBLK

Tgt Ion:114 Resp: 248695
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.273 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036780.D
Acq: 02 Aug 2023 19:05

Tgt Ion:113 Resp: 79098
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 18.2 13.3 19.9

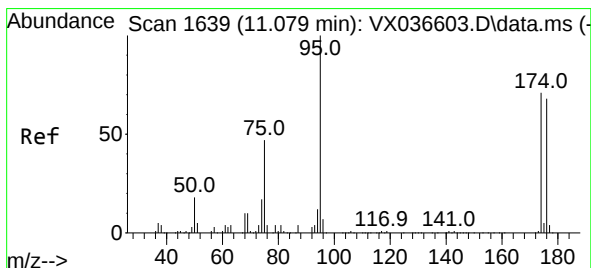
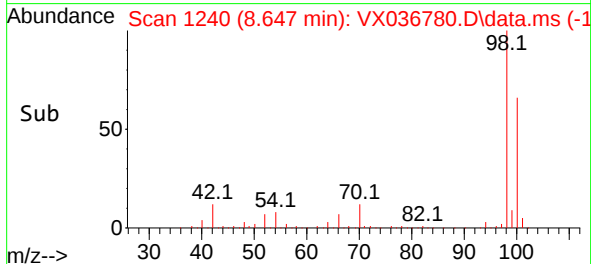
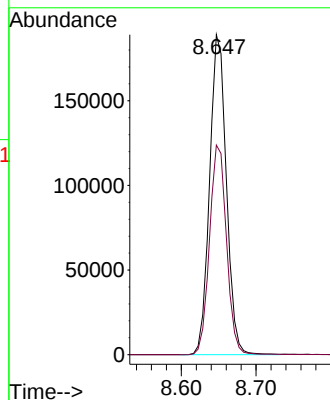
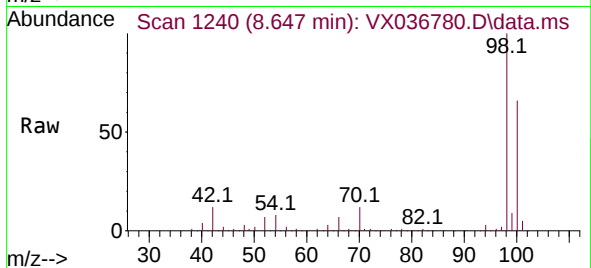




#50
Toluene-d8
Concen: 48.670 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036780.D
Acq: 02 Aug 2023 19:05

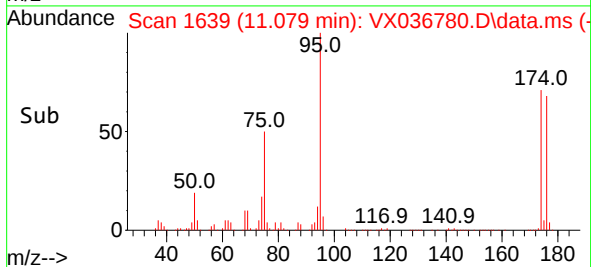
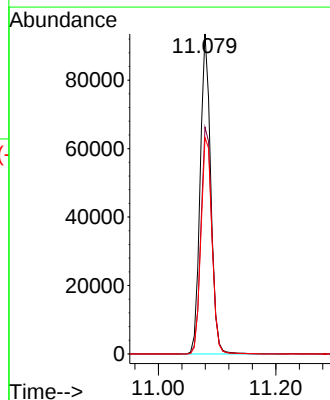
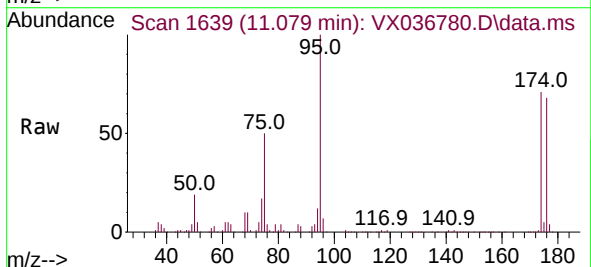
Instrument :
MSVOA_X
ClientSampleId :
IBLK

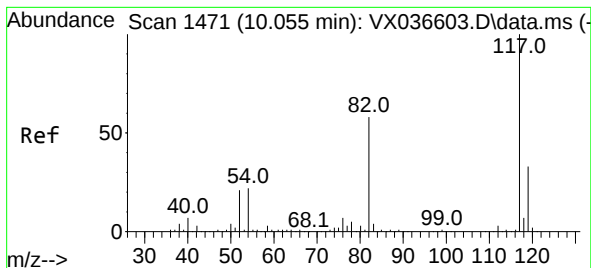
Tgt Ion: 98 Resp: 295034
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.932 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036780.D
Acq: 02 Aug 2023 19:05

Tgt Ion: 95 Resp: 116483
Ion Ratio Lower Upper
95 100
174 74.0 0.0 135.6
176 70.9 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: VX036780.D

Acq: 02 Aug 2023 19:05

Instrument :

MSVOA_X

ClientSampleId :

IBLK

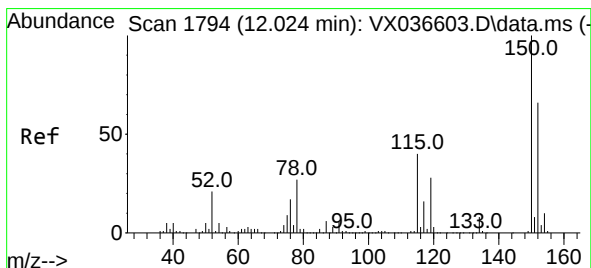
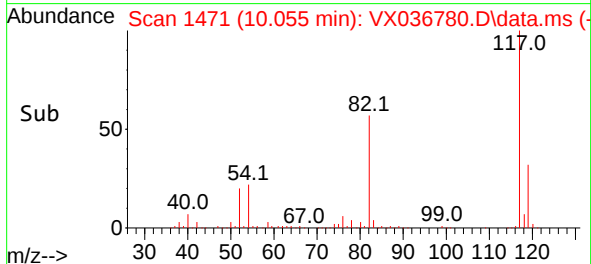
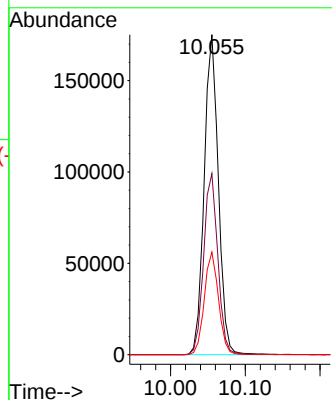
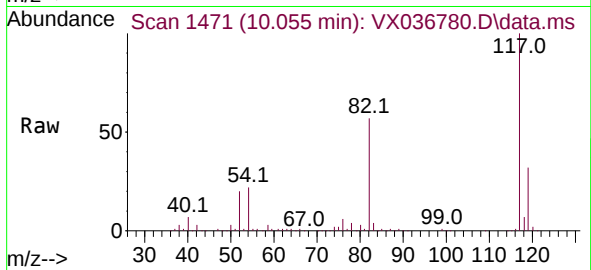
Tgt Ion:117 Resp: 230706

Ion Ratio Lower Upper

117 100

82 56.6 46.2 69.4

119 32.0 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036780.D

Acq: 02 Aug 2023 19:05

Tgt Ion:152 Resp: 111587

Ion Ratio Lower Upper

152 100

115 62.3 43.3 129.9

150 157.2 0.0 345.0

