

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081723\
 Data File : VX037064.D
 Acq On : 17 Aug 2023 16:22
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 18 06:08:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 05:51:31 2023
 Response via : Initial Calibration

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

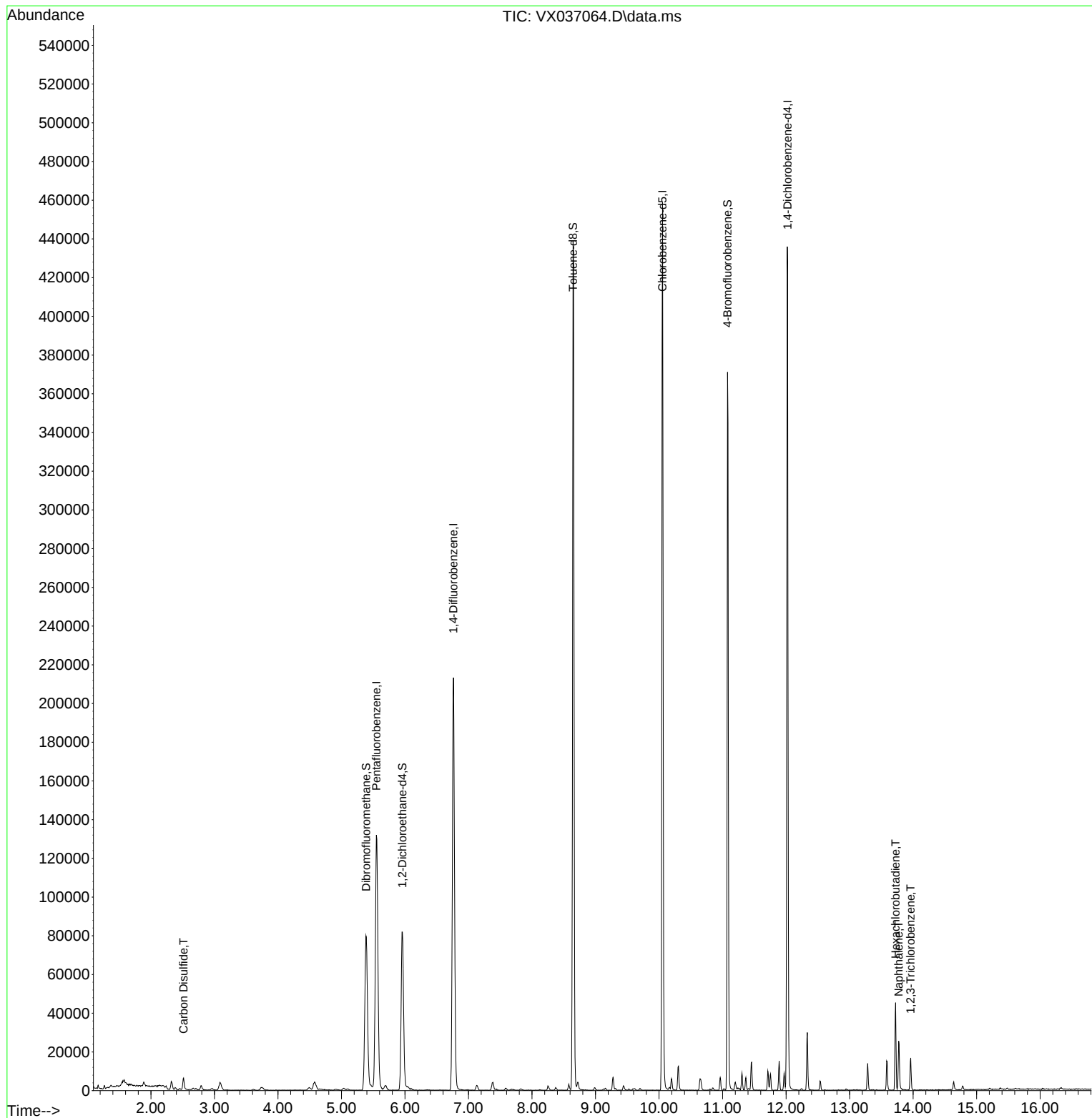
Internal Standards						
1) Pentafluorobenzene	5.550	168	122029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222673	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82989	47.173	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.340%
35) Dibromofluoromethane	5.385	113	71171	48.261	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.520%
50) Toluene-d8	8.647	98	267221	49.954	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.900%
62) 4-Bromofluorobenzene	11.079	95	104188	49.561	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.120%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	2.514	76	7987	2.500	ug/l #	93
94) Hexachlorobutadiene	13.725	225	6112	9.185	ug/l	98
95) Naphthalene	13.774	128	18671	2.475	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	4128	2.412	ug/l	99

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

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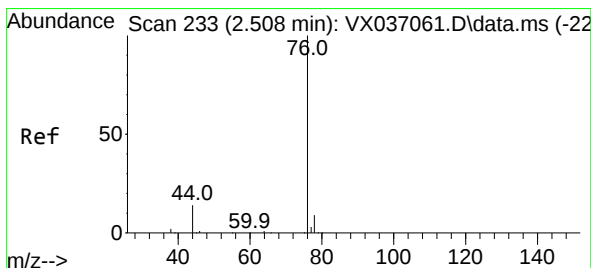
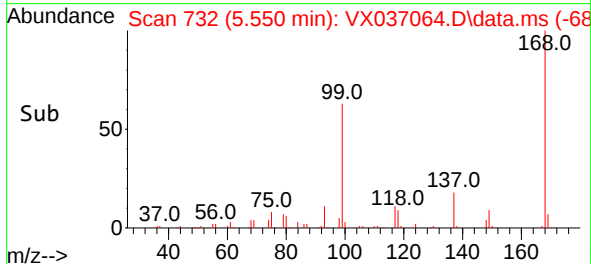
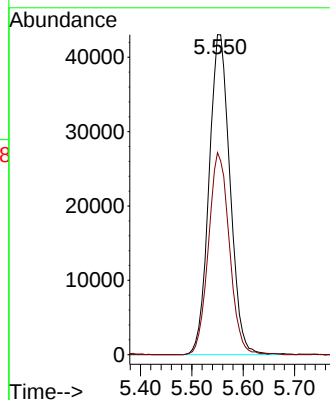
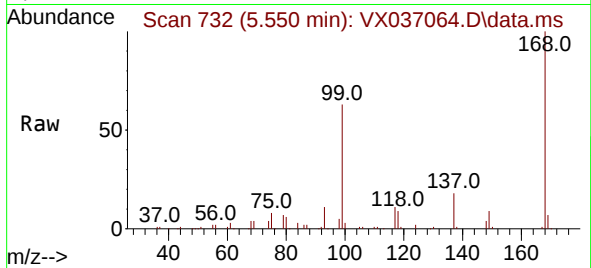




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037064.D
Acq: 17 Aug 2023 16:22

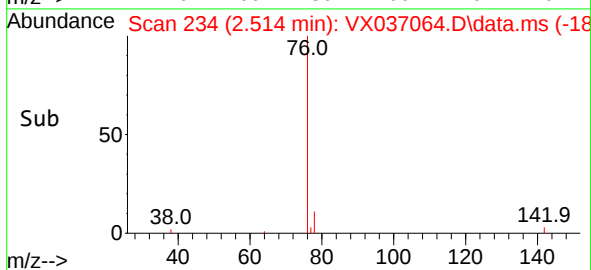
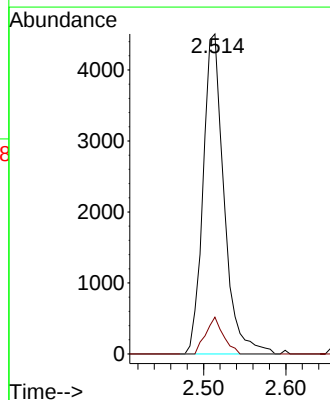
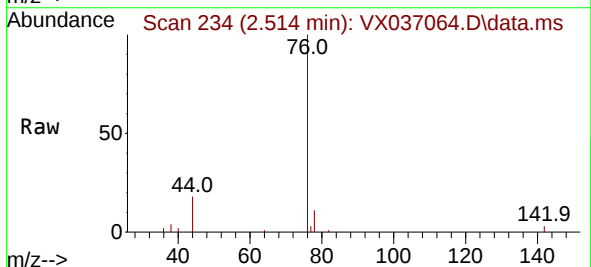
Instrument :
MSVOA_X
ClientSampleId :
IBLK

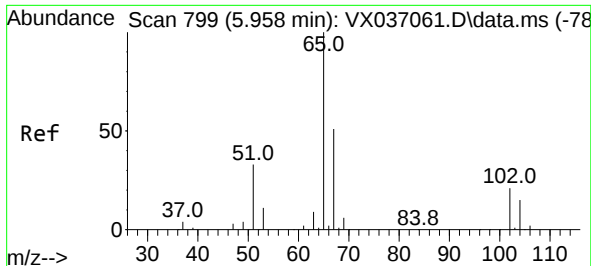
Tgt Ion:168 Resp: 122029
Ion Ratio Lower Upper
168 100
99 63.1 56.6 85.0



#17
Carbon Disulfide
Concen: 2.500 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX037064.D
Acq: 17 Aug 2023 16:22

Tgt Ion: 76 Resp: 7987
Ion Ratio Lower Upper
76 100
78 11.5 7.0 10.6#

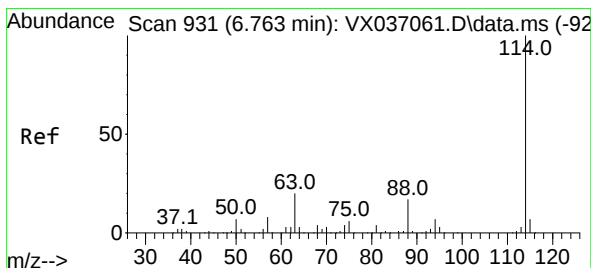
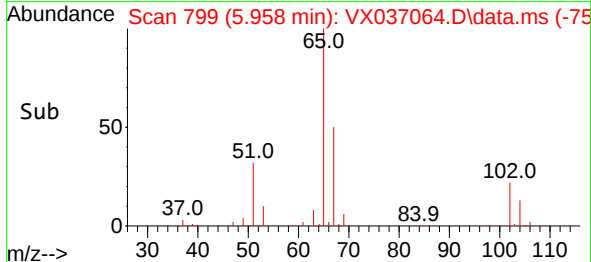
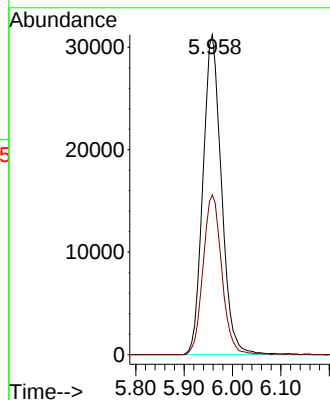
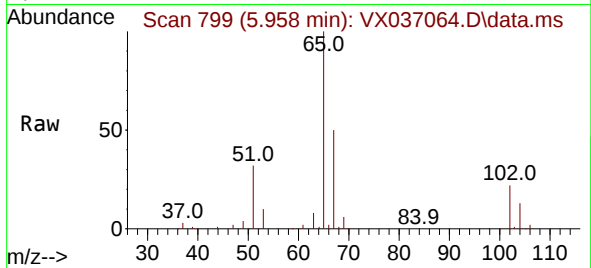




#33
 1,2-Dichloroethane-d4
 Concen: 47.173 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037064.D
 Acq: 17 Aug 2023 16:22

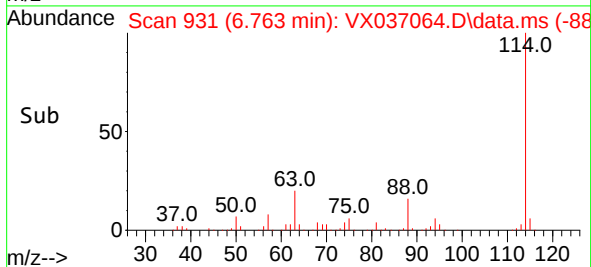
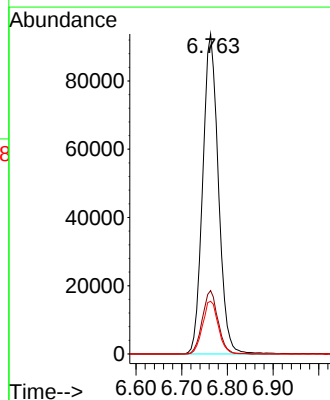
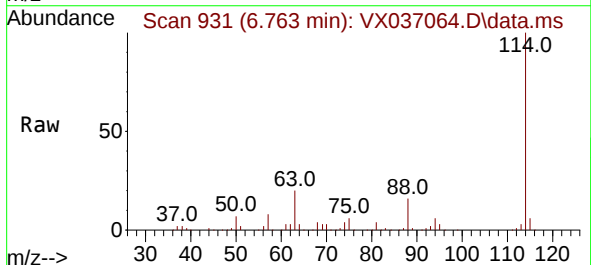
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

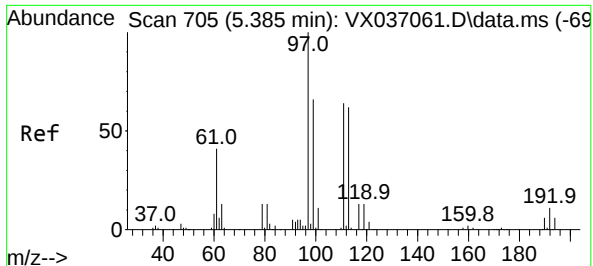
Tgt Ion: 65 Resp: 82989
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX037064.D
 Acq: 17 Aug 2023 16:22

Tgt Ion: 114 Resp: 222673
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 45.0
 88 16.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.261 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037064.D

Acq: 17 Aug 2023 16:22

Instrument :

MSVOA_X

ClientSampleId :

IBLK

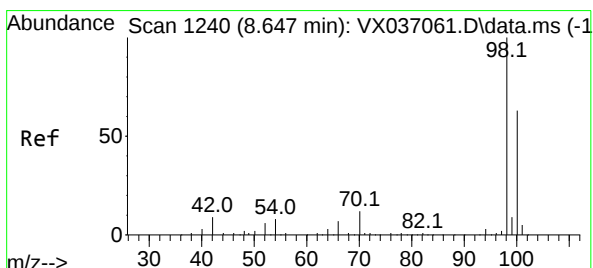
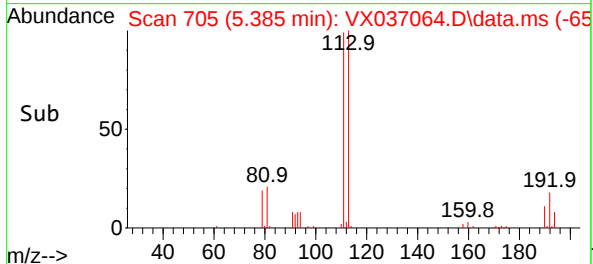
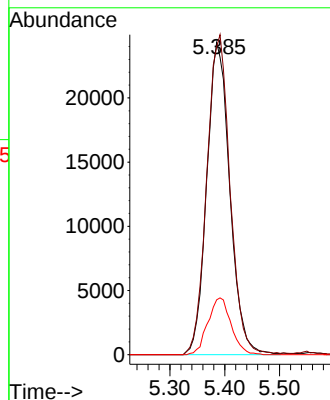
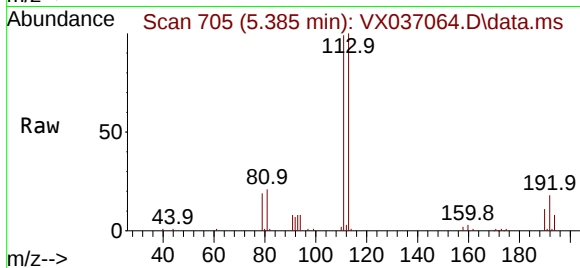
Tgt Ion:113 Resp: 71171

Ion Ratio Lower Upper

113 100

111 103.4 82.9 124.3

192 18.3 13.3 19.9



#50

Toluene-d8

Concen: 49.954 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037064.D

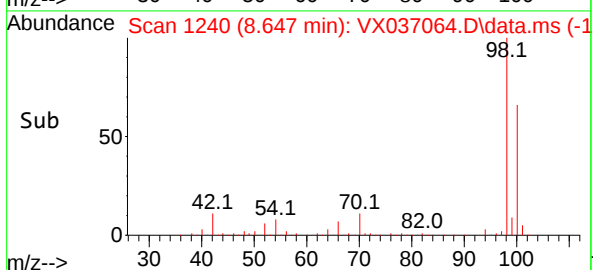
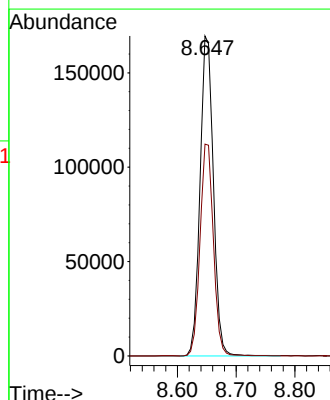
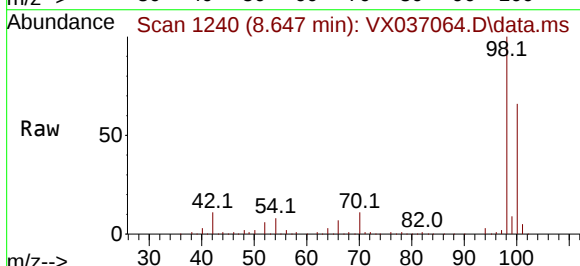
Acq: 17 Aug 2023 16:22

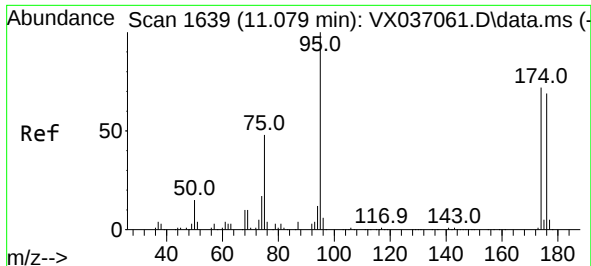
Tgt Ion: 98 Resp: 267221

Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7

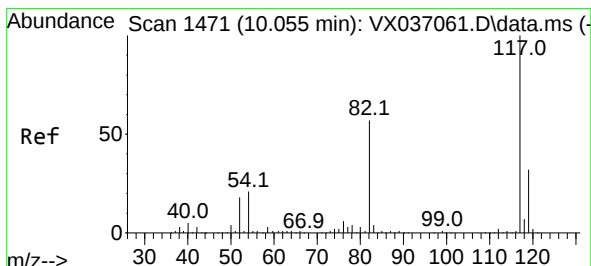
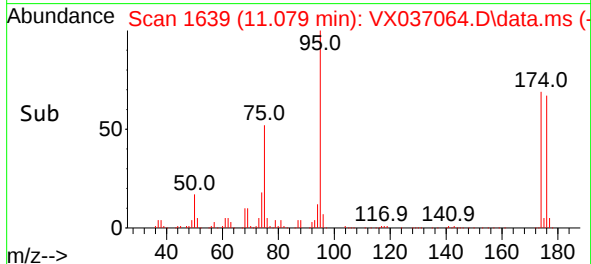
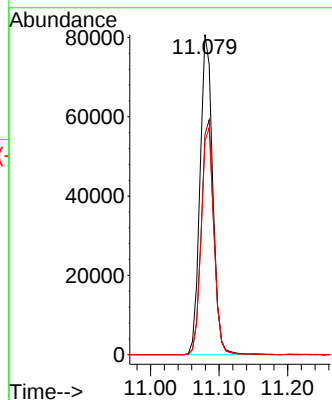
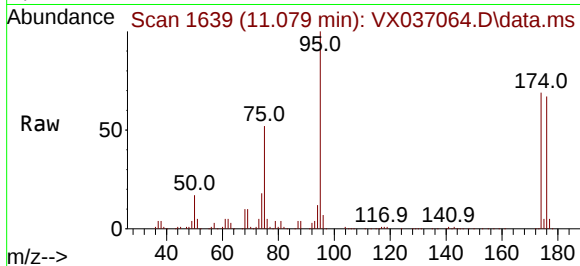




#62
4-Bromofluorobenzene
Concen: 49.561 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037064.D
Acq: 17 Aug 2023 16:22

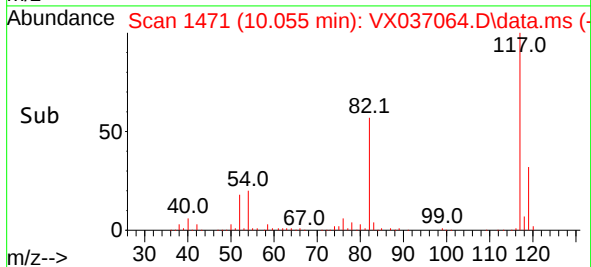
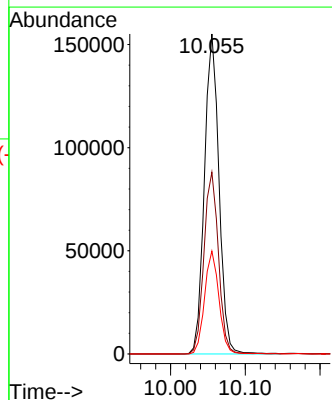
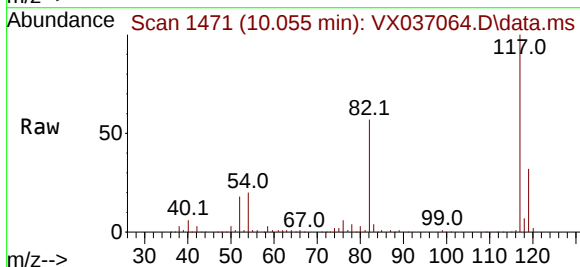
Instrument :
MSVOA_X
ClientSampleId :
IBLK

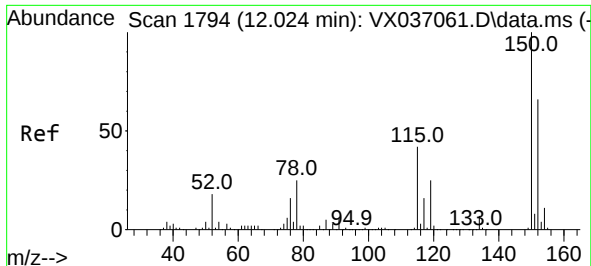
Tgt Ion: 95 Resp: 104188
Ion Ratio Lower Upper
95 100
174 73.0 0.0 135.6
176 71.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037064.D
Acq: 17 Aug 2023 16:22

Tgt Ion: 117 Resp: 209931
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 32.2 25.5 38.3

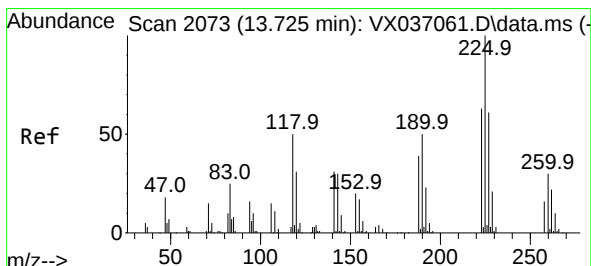
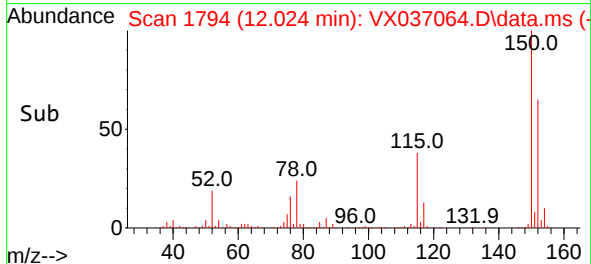
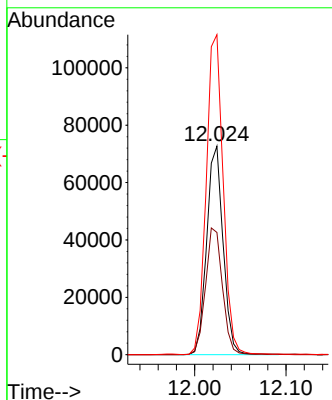
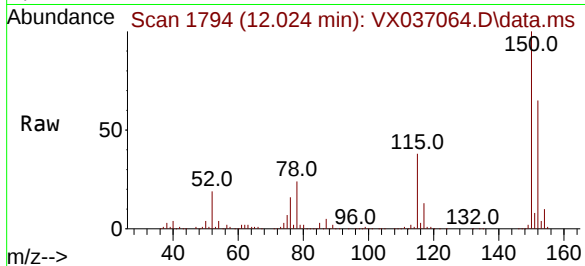




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX037064.D
 Acq: 17 Aug 2023 16:22

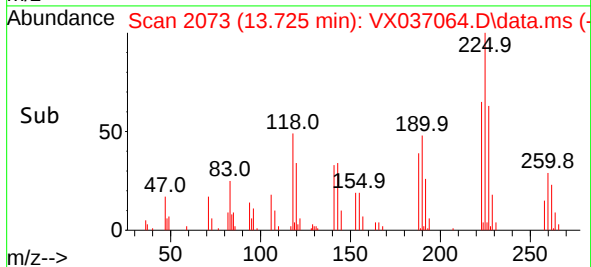
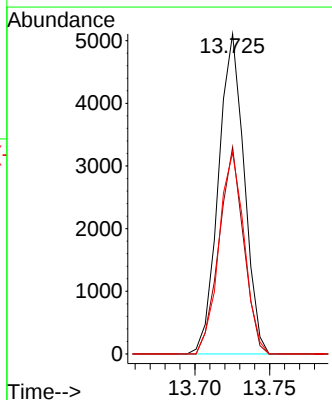
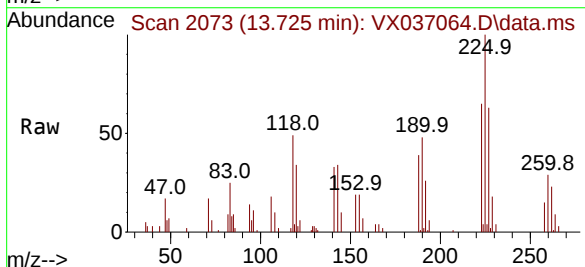
Instrument :
 MSVOA_X
 ClientSampleId :
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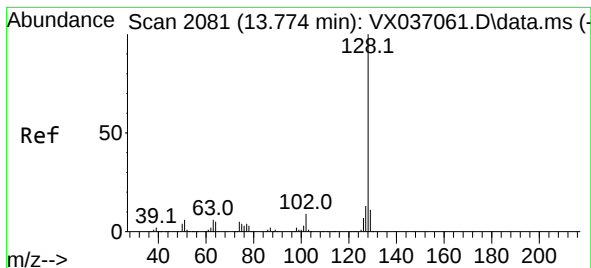
Tgt Ion:152 Resp: 90456
 Ion Ratio Lower Upper
 152 100
 115 62.9 43.3 129.9
 150 158.5 0.0 345.0



#94
 Hexachlorobutadiene
 Concen: 9.185 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX037064.D
 Acq: 17 Aug 2023 16:22

Tgt Ion:225 Resp: 6112
 Ion Ratio Lower Upper
 225 100
 223 61.4 31.1 93.2
 227 62.2 32.5 97.5





#95

Naphthalene

Concen: 2.475 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX037064.D

Acq: 17 Aug 2023 16:22

Instrument :

MSVOA_X

ClientSampleId :

IBLK

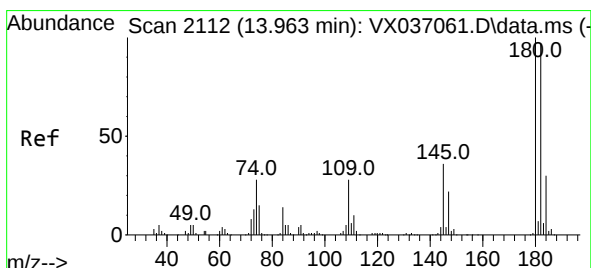
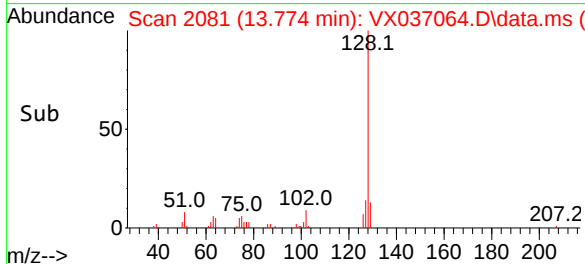
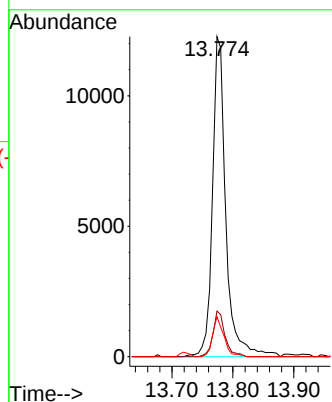
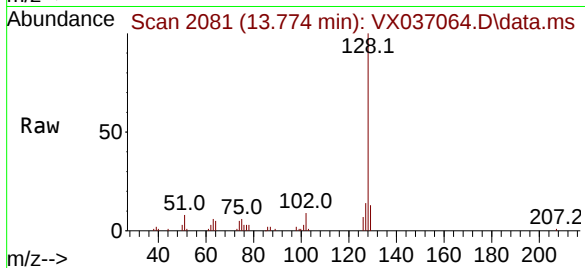
Tgt Ion:128 Resp: 18671

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.6 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 2.412 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX037064.D

Acq: 17 Aug 2023 16:22

Tgt Ion:180 Resp: 4128

Ion Ratio Lower Upper

180 100

182 94.1 46.9 140.6

145 33.8 17.8 53.5

