

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112223\
 Data File : VX039007.D
 Acq On : 22 Nov 2023 16:55
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Nov 23 01:35:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

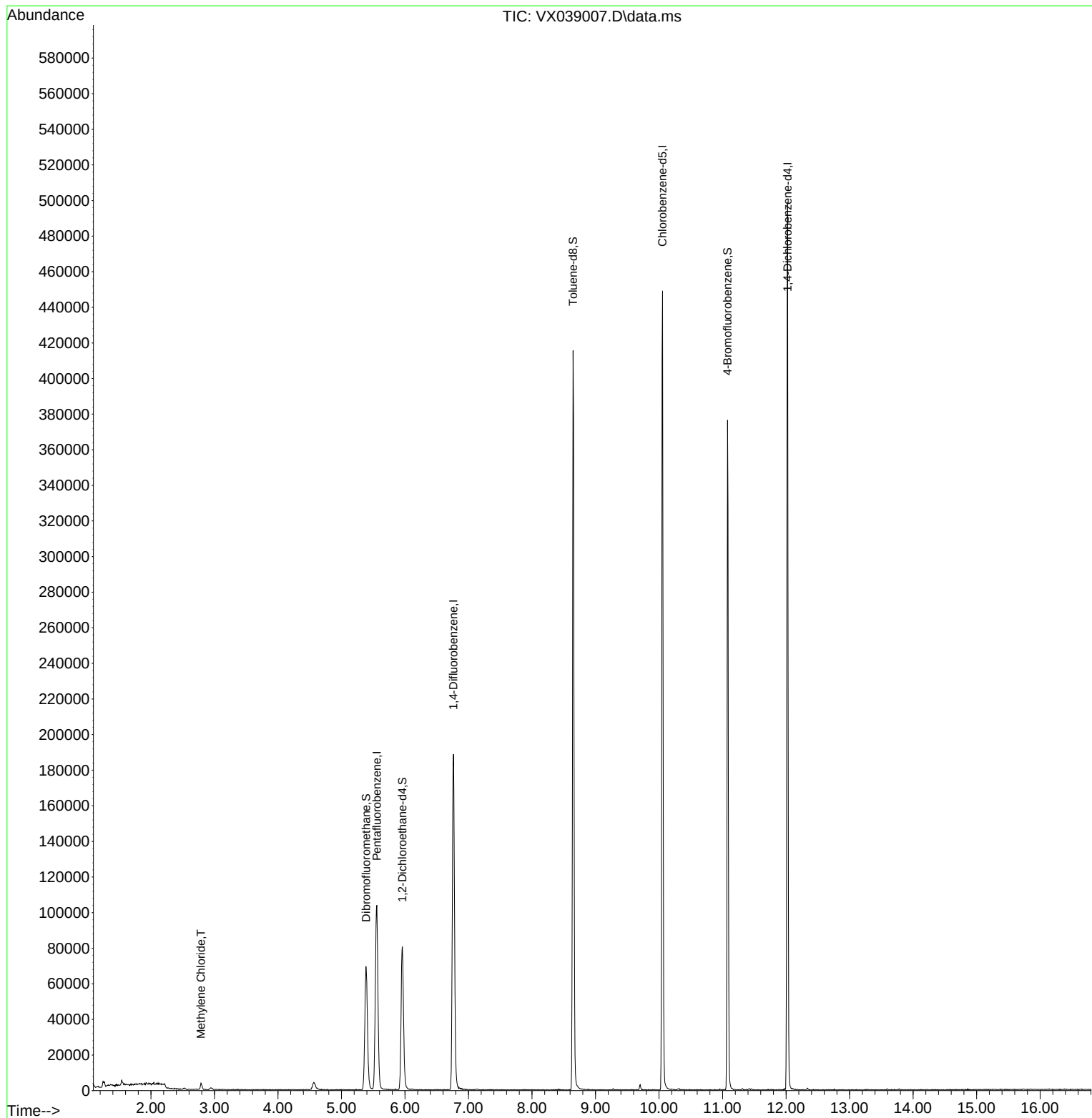
Internal Standards						
1) Pentafluorobenzene	5.556	168	90968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189430	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78247	53.381	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.760%	
35) Dibromofluoromethane	5.385	113	61265	44.781	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 89.560%	
50) Toluene-d8	8.647	98	240464	45.939	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 91.880%#	
62) 4-Bromofluorobenzene	11.079	95	102265	48.805	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.600%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.788	84	1599	1.137	ug/l	96

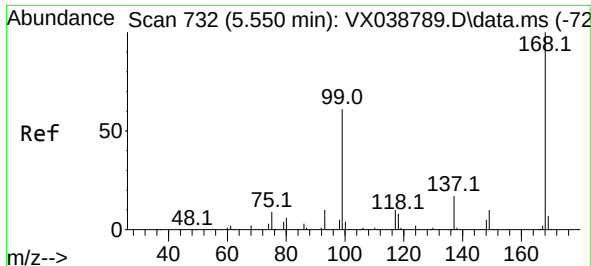
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX039007.D

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Instrument :

MSVOA_X

ClientSampleId :

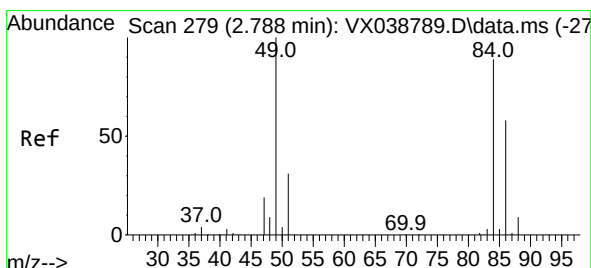
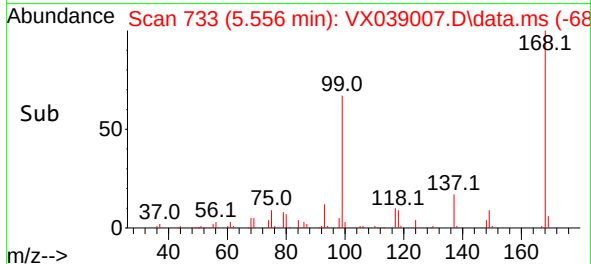
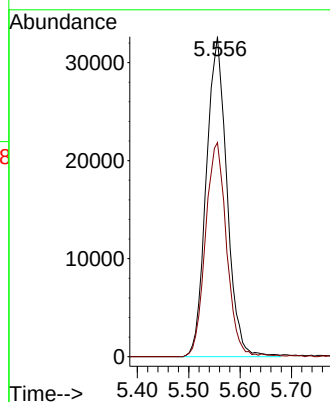
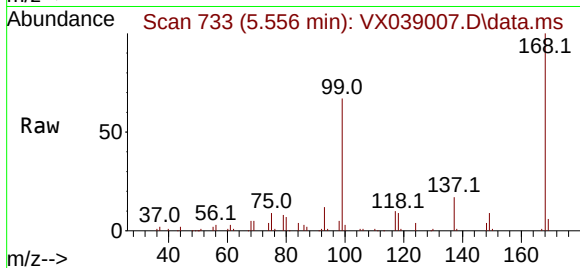
IBLK

Tgt Ion:168 Resp: 90968

Ion Ratio Lower Upper

168 100

99 66.9 56.6 85.0



#20

Methylene Chloride

Concen: 1.137 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX039007.D

Acq: 22 Nov 2023 16:55

Tgt Ion: 84 Resp: 1599

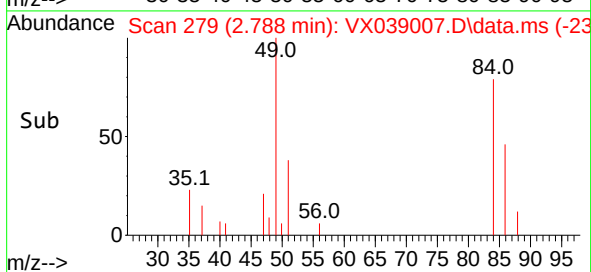
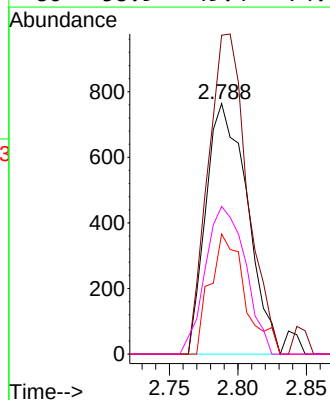
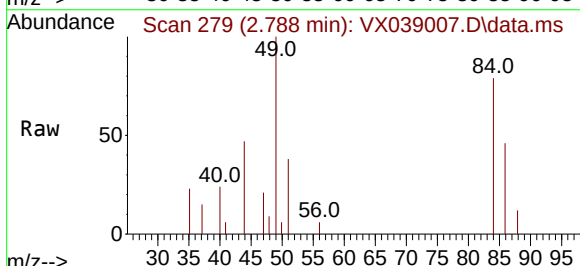
Ion Ratio Lower Upper

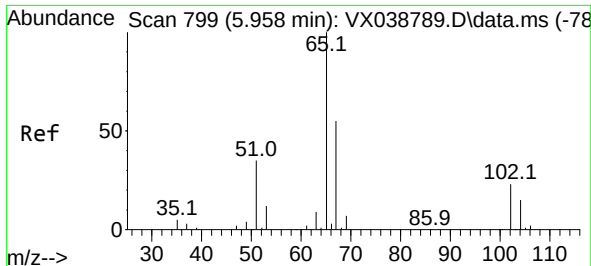
84 100

49 127.2 103.6 155.4

51 47.9 33.8 50.6

86 58.9 49.4 74.0

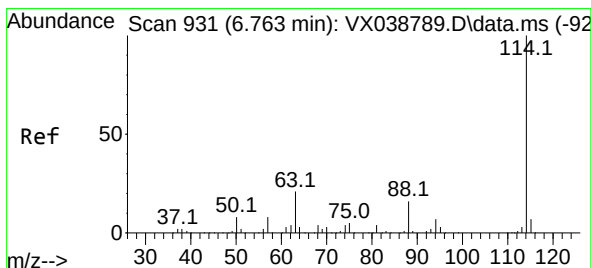
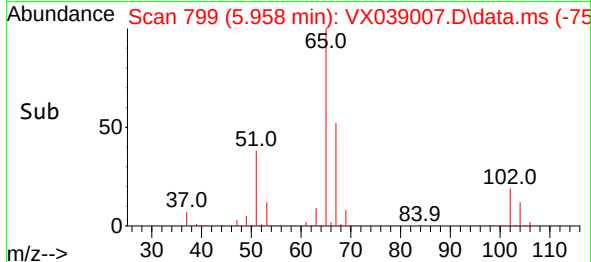
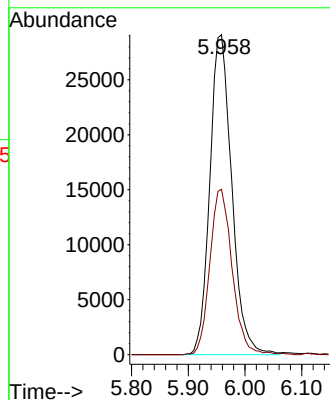
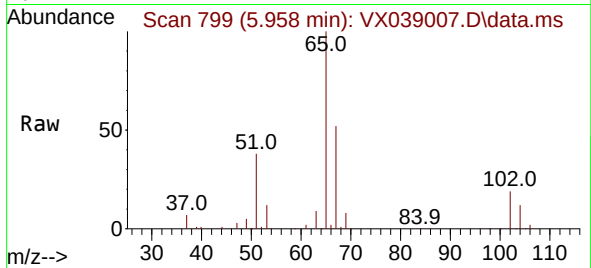




#33
1,2-Dichloroethane-d4
Concen: 53.381 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX039007.D
Acq: 22 Nov 2023 16:55

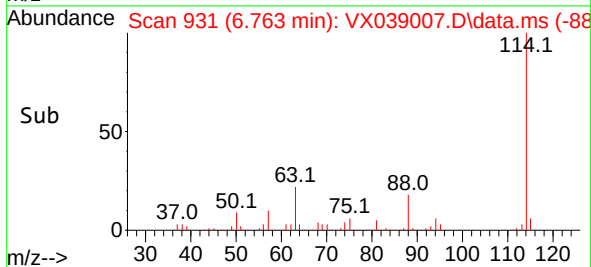
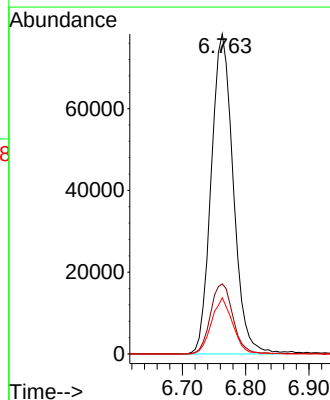
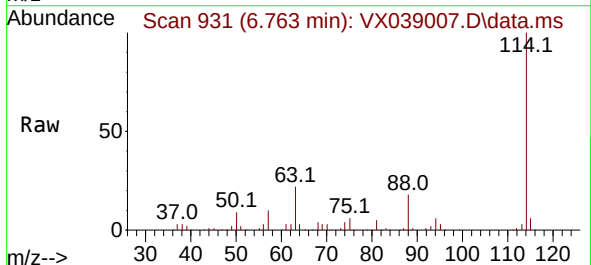
Instrument :
MSVOA_X
ClientSampleId :
IBLK

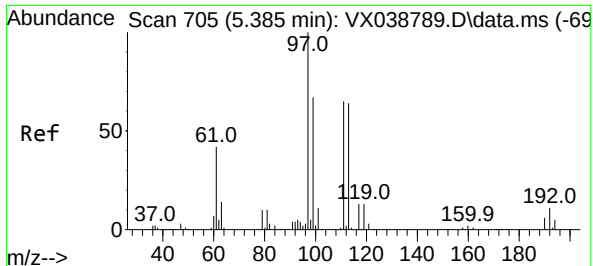
Tgt Ion: 65 Resp: 78247
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX039007.D
Acq: 22 Nov 2023 16:55

Tgt Ion: 114 Resp: 189430
Ion Ratio Lower Upper
114 100
63 21.9 0.0 45.0
88 17.6 0.0 36.6

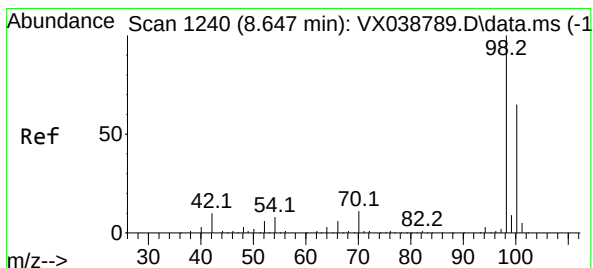
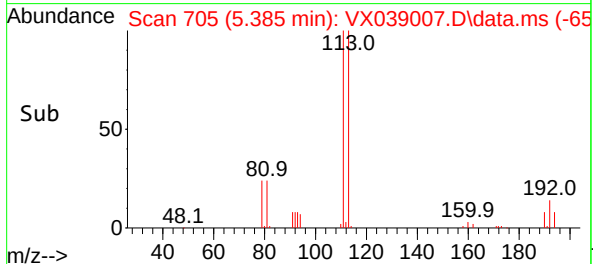
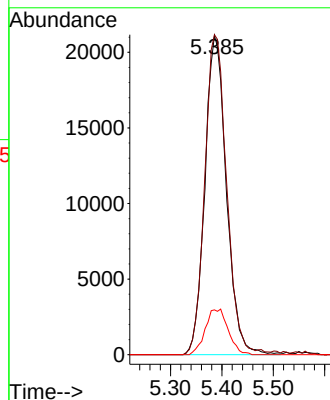
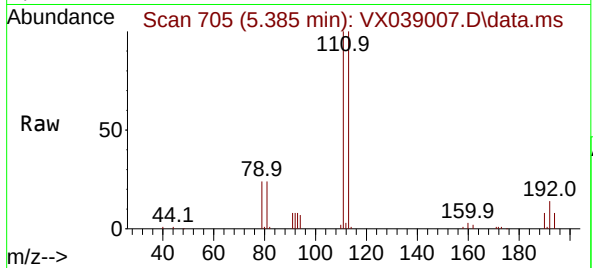




#35
Dibromofluoromethane
Concen: 44.781 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039007.D
Acq: 22 Nov 2023 16:55

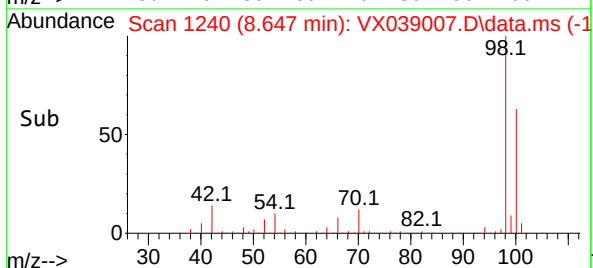
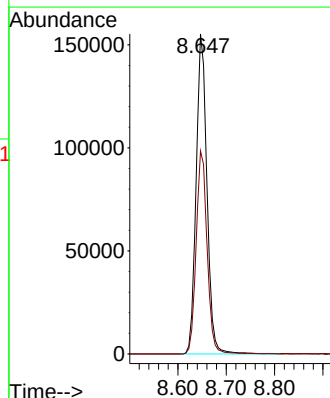
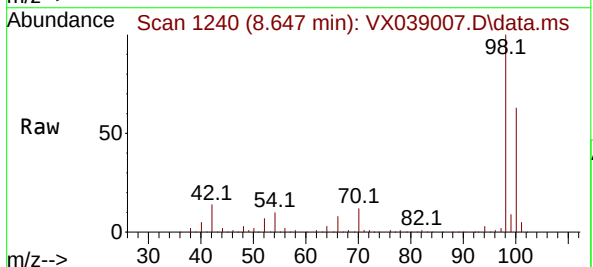
Instrument :
MSVOA_X
ClientSampleId :
IBLK

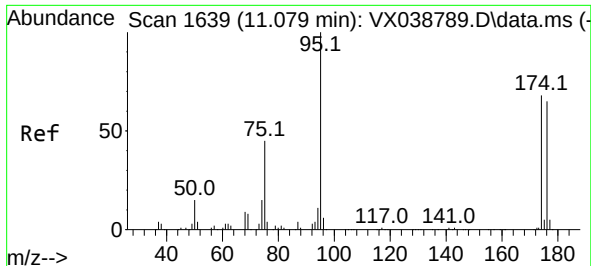
Tgt Ion:113 Resp: 61265
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 15.2 13.3 19.9



#50
Toluene-d8
Concen: 45.939 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039007.D
Acq: 22 Nov 2023 16:55

Tgt Ion: 98 Resp: 240464
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7

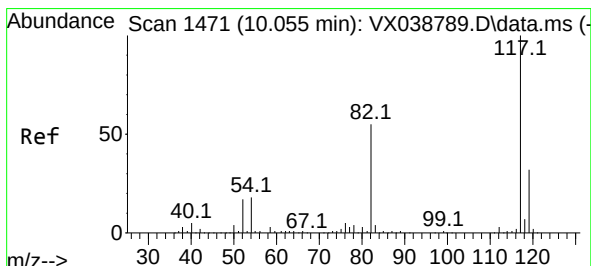
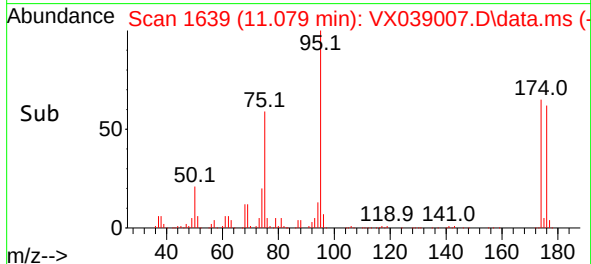
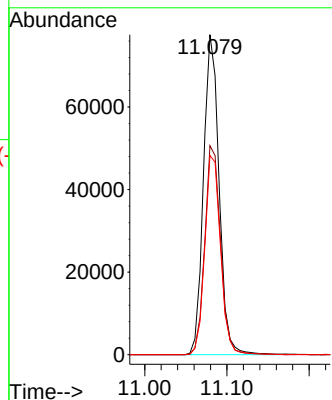
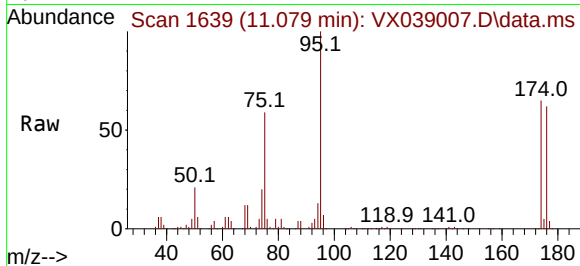




#62
4-Bromofluorobenzene
Concen: 48.805 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039007.D
Acq: 22 Nov 2023 16:55

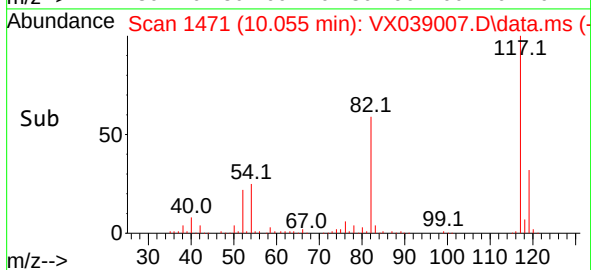
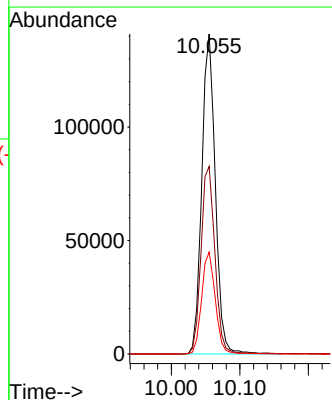
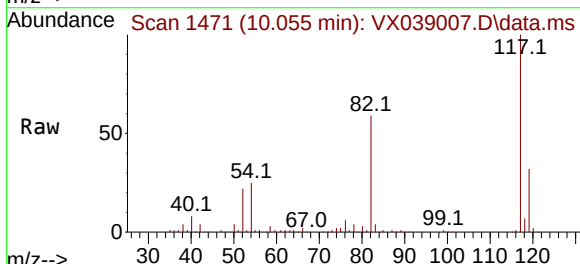
Instrument :
MSVOA_X
ClientSampleId :
IBLK

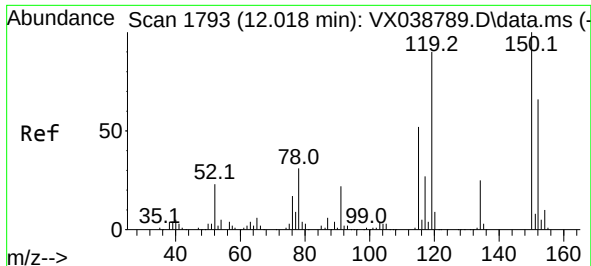
Tgt Ion: 95 Resp: 102265
Ion Ratio Lower Upper
95 100
174 66.3 0.0 135.6
176 63.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039007.D
Acq: 22 Nov 2023 16:55

Tgt Ion: 117 Resp: 193901
Ion Ratio Lower Upper
117 100
82 58.6 46.2 69.4
119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX039007.D

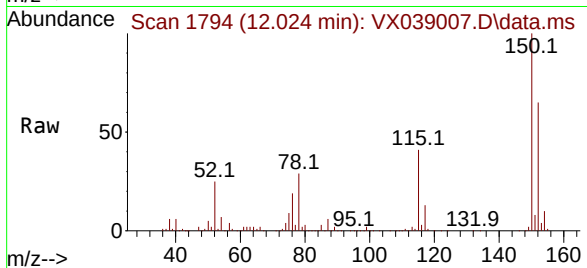
Acq: 22 Nov 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:152 Resp: 97256

Ion Ratio Lower Upper

152 100

115 65.9 43.3 129.9

150 156.7 0.0 345.0

