

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030223\
 Data File : VX034305.D
 Acq On : 02 Mar 2023 14:04
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 03 00:23:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

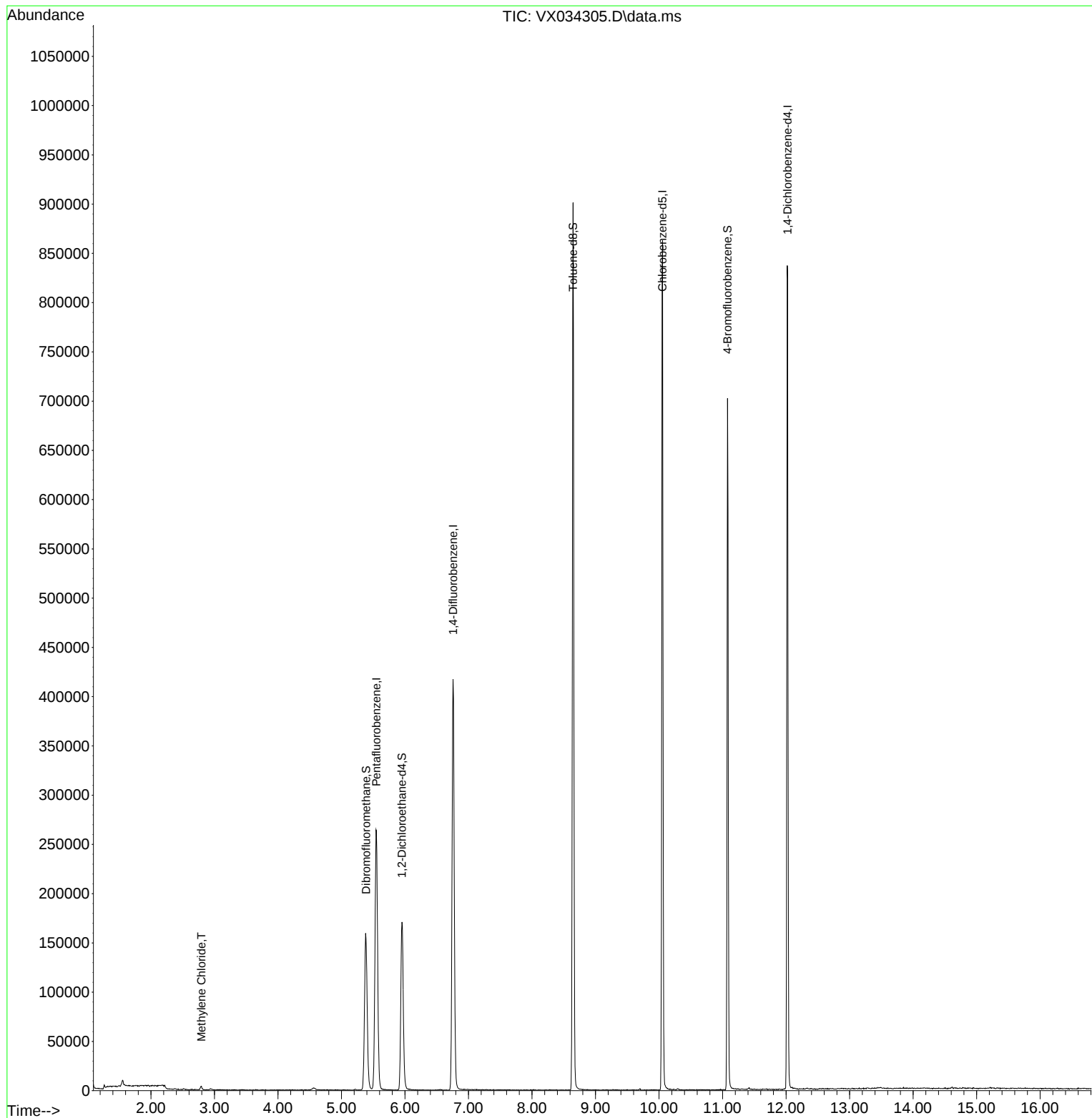
Internal Standards						
1) Pentafluorobenzene	5.550	168	265031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	438961	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	394312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	159558	44.702	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.400%
35) Dibromofluoromethane	5.385	113	137325	48.048	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.100%
50) Toluene-d8	8.647	98	529846	51.635	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.260%
62) 4-Bromofluorobenzene	11.079	95	183183	46.670	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.340%
Target Compounds						
20) Methylene Chloride	2.794	84	1721	0.519	ug/l	Qvalue # 84

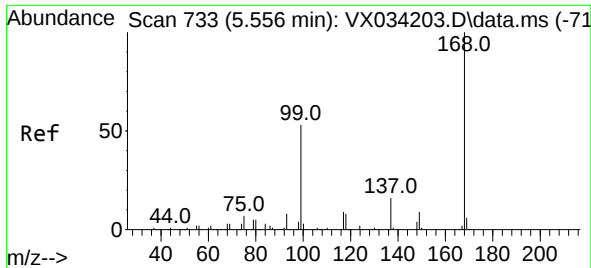
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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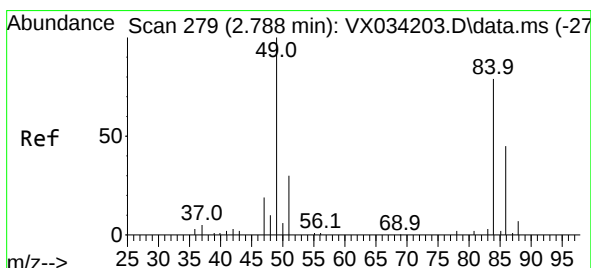
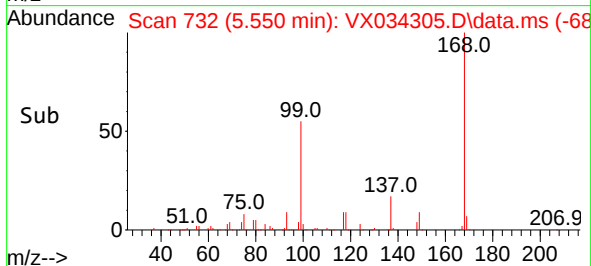
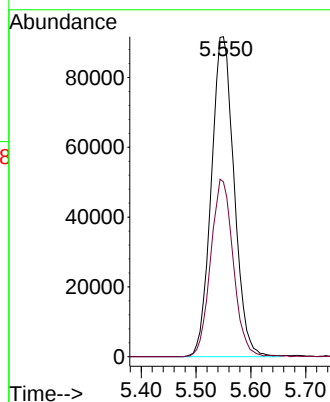
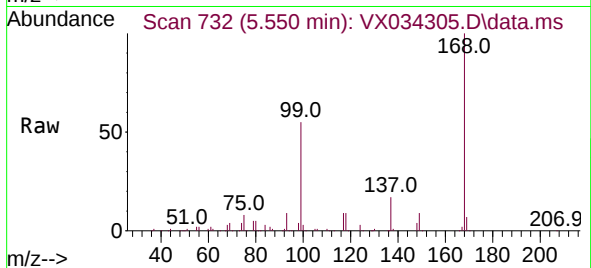




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034305.D
Acq: 02 Mar 2023 14:04

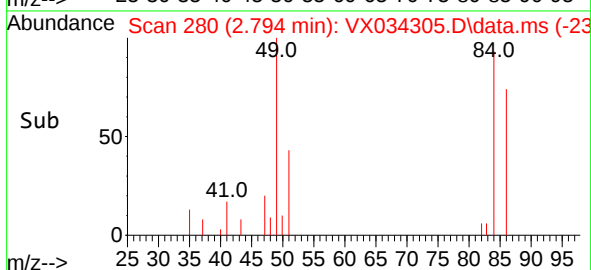
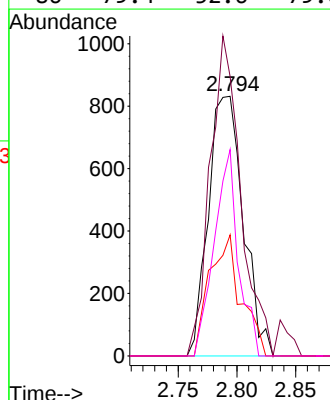
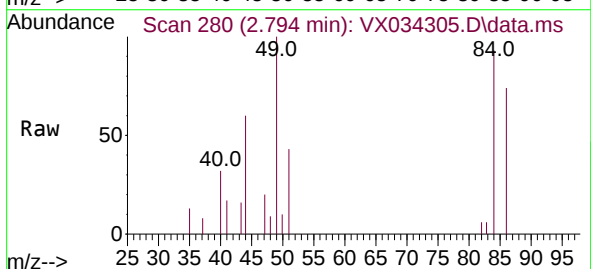
Instrument :
MSVOA_X
ClientSampleId :
IBLK

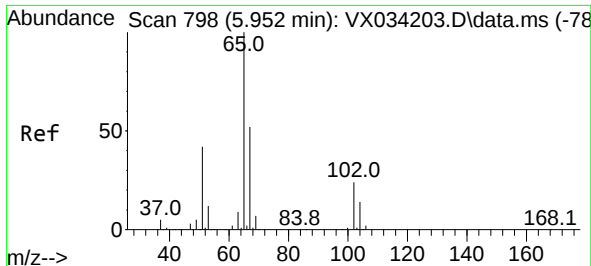
Tgt Ion:168 Resp: 265031
Ion Ratio Lower Upper
168 100
99 54.6 39.6 59.4



#20
Methylene Chloride
Concen: 0.519 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX034305.D
Acq: 02 Mar 2023 14:04

Tgt Ion: 84 Resp: 1721
Ion Ratio Lower Upper
84 100
49 107.6 101.1 151.7
51 46.6 31.0 46.6#
86 79.4 52.6 79.0#





#33

1,2-Dichloroethane-d4

Concen: 44.702 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034305.D

Acq: 02 Mar 2023 14:04

Instrument :

MSVOA_X

ClientSampleId :

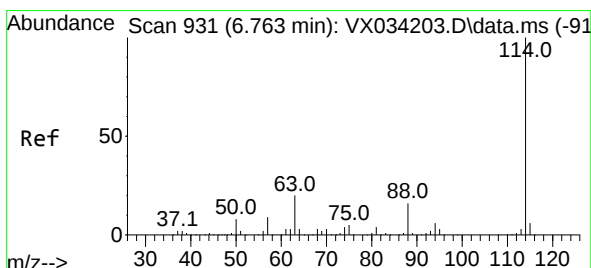
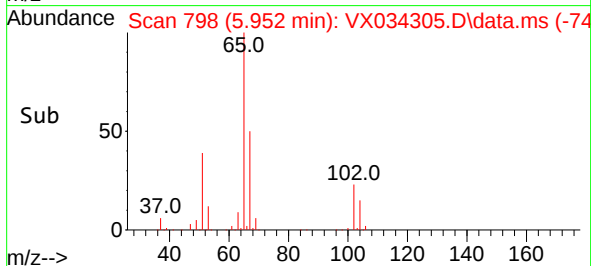
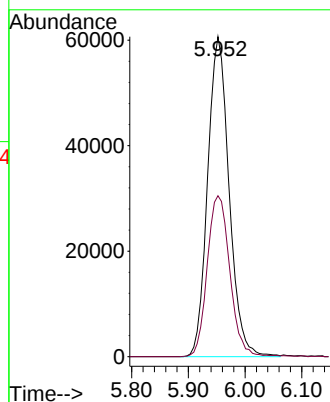
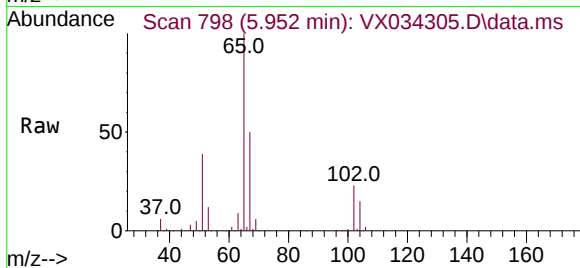
IBLK

Tgt Ion: 65 Resp: 159558

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034305.D

Acq: 02 Mar 2023 14:04

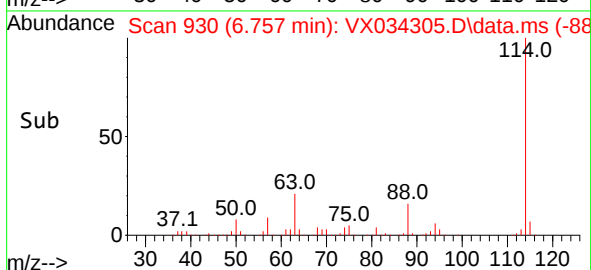
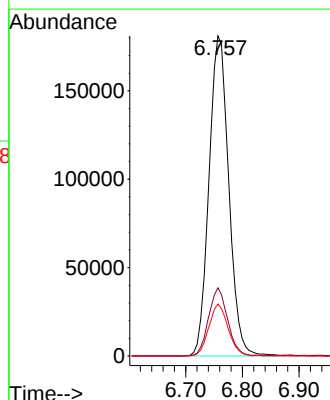
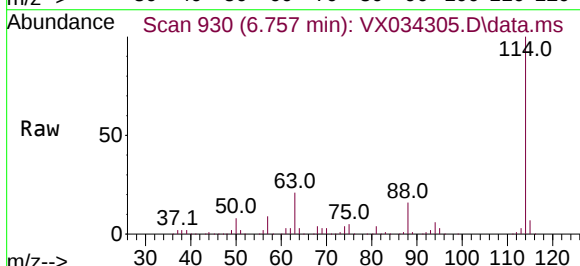
Tgt Ion: 114 Resp: 438961

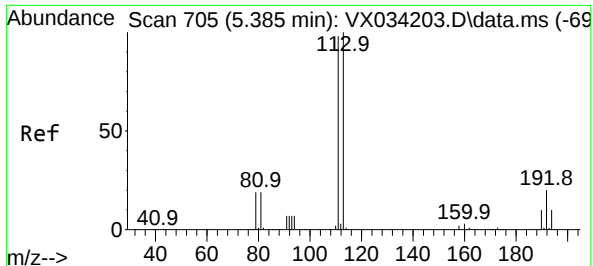
Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.4

88 16.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.048 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034305.D

Acq: 02 Mar 2023 14:04

Instrument :

MSVOA_X

ClientSampleId :

IBLK

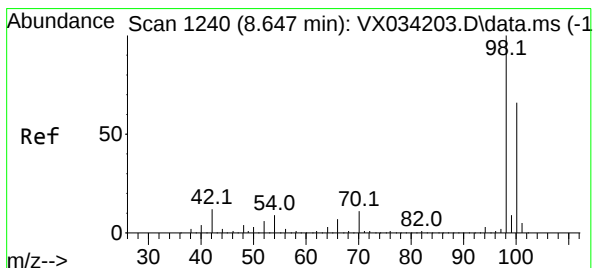
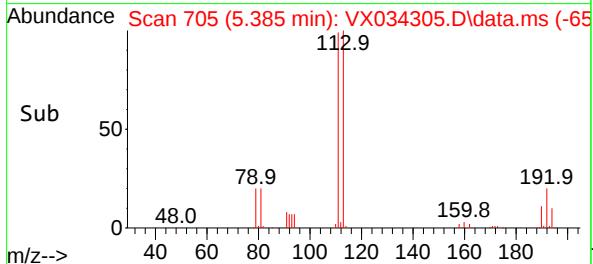
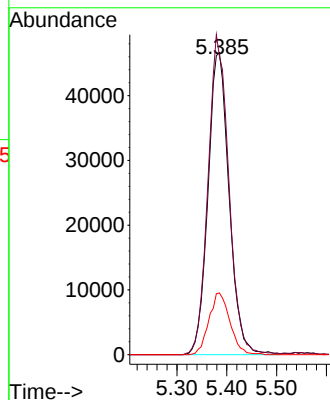
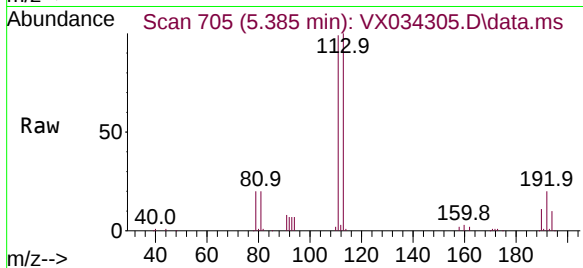
Tgt Ion:113 Resp: 137325

Ion Ratio Lower Upper

113 100

111 104.3 83.0 124.6

192 20.3 19.0 28.4



#50

Toluene-d8

Concen: 51.635 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034305.D

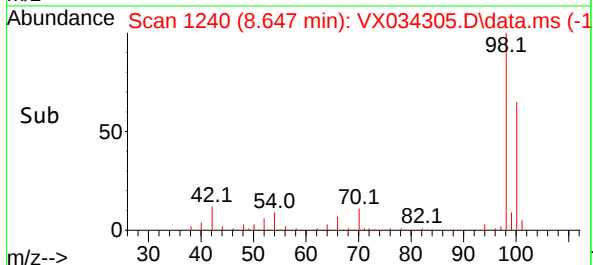
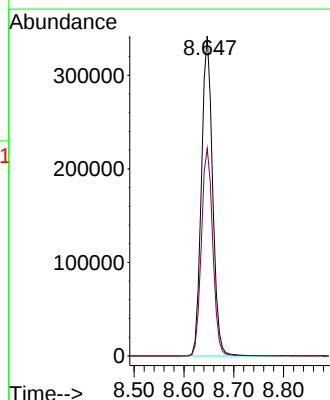
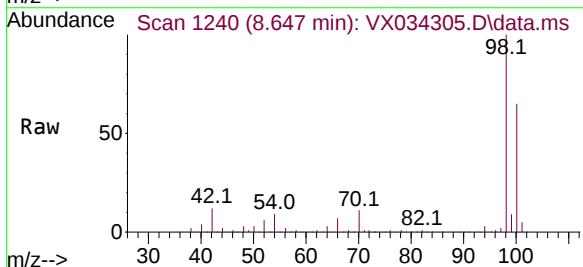
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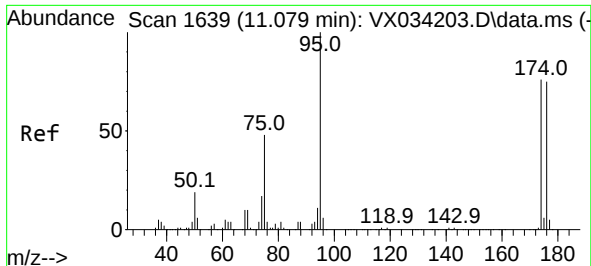
Tgt Ion: 98 Resp: 529846

Ion Ratio Lower Upper

98 100

100 66.3 53.6 80.4

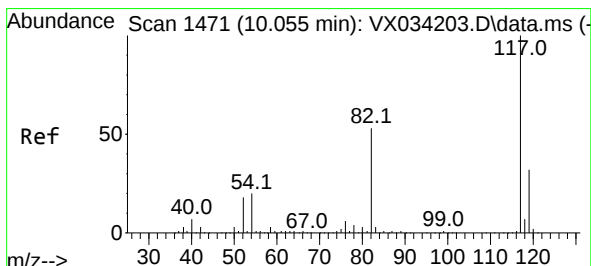
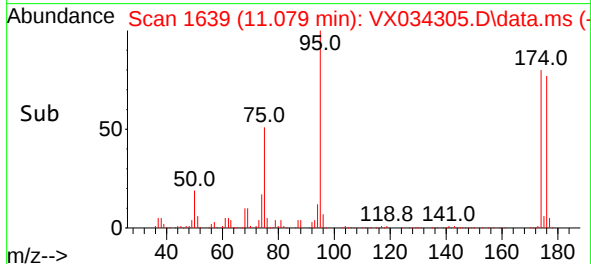
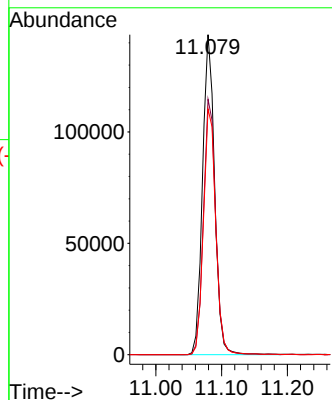
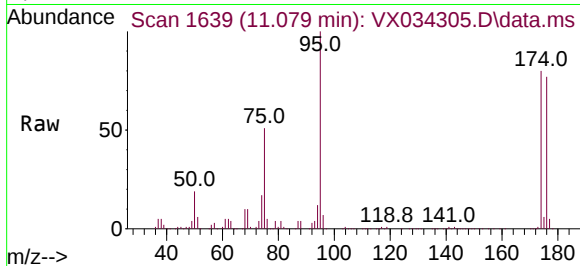




#62
4-Bromofluorobenzene
Concen: 46.670 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034305.D
Acq: 02 Mar 2023 14:04

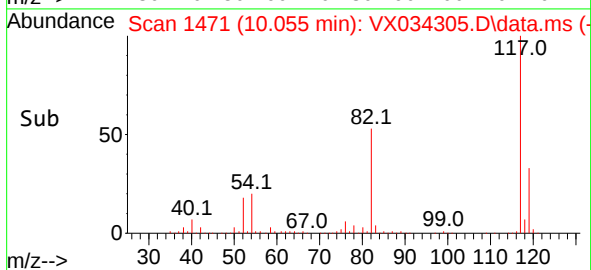
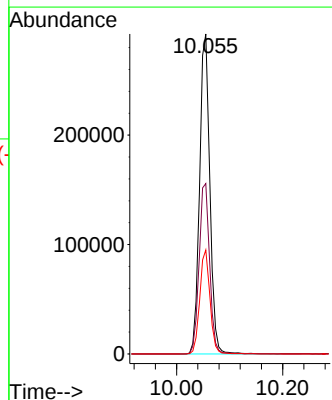
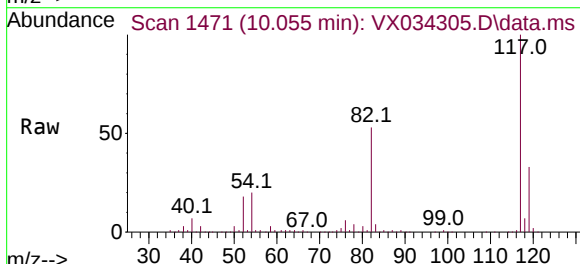
Instrument :
MSVOA_X
ClientSampleId :
IBLK

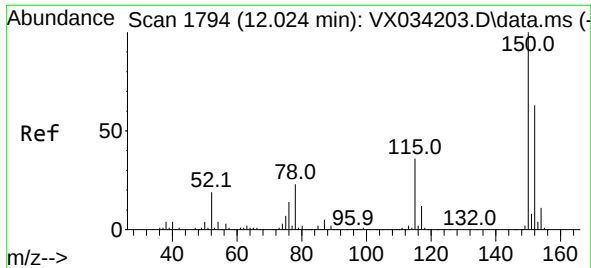
Tgt Ion: 95 Resp: 183183
Ion Ratio Lower Upper
95 100
174 80.9 0.0 184.4
176 78.3 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034305.D
Acq: 02 Mar 2023 14:04

Tgt Ion: 117 Resp: 394312
Ion Ratio Lower Upper
117 100
82 53.2 40.6 60.8
119 32.5 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034305.D

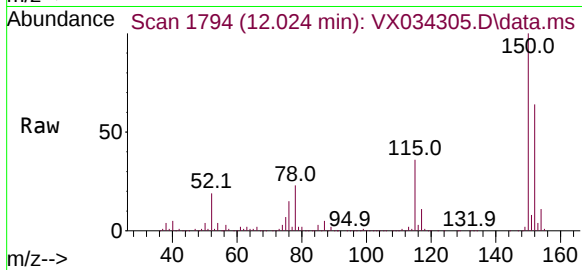
Acq: 02 Mar 2023 14:04

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:152 Resp: 180869

Ion Ratio Lower Upper

152 100

115 58.2 38.7 116.1

150 156.8 0.0 348.2

