

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021123\
 Data File : VX034099.D
 Acq On : 09 Feb 2023 12:27
 Operator : JC/MD
 Sample : 01509-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-04B-18-28-020823

Quant Time: Feb 10 01:07:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

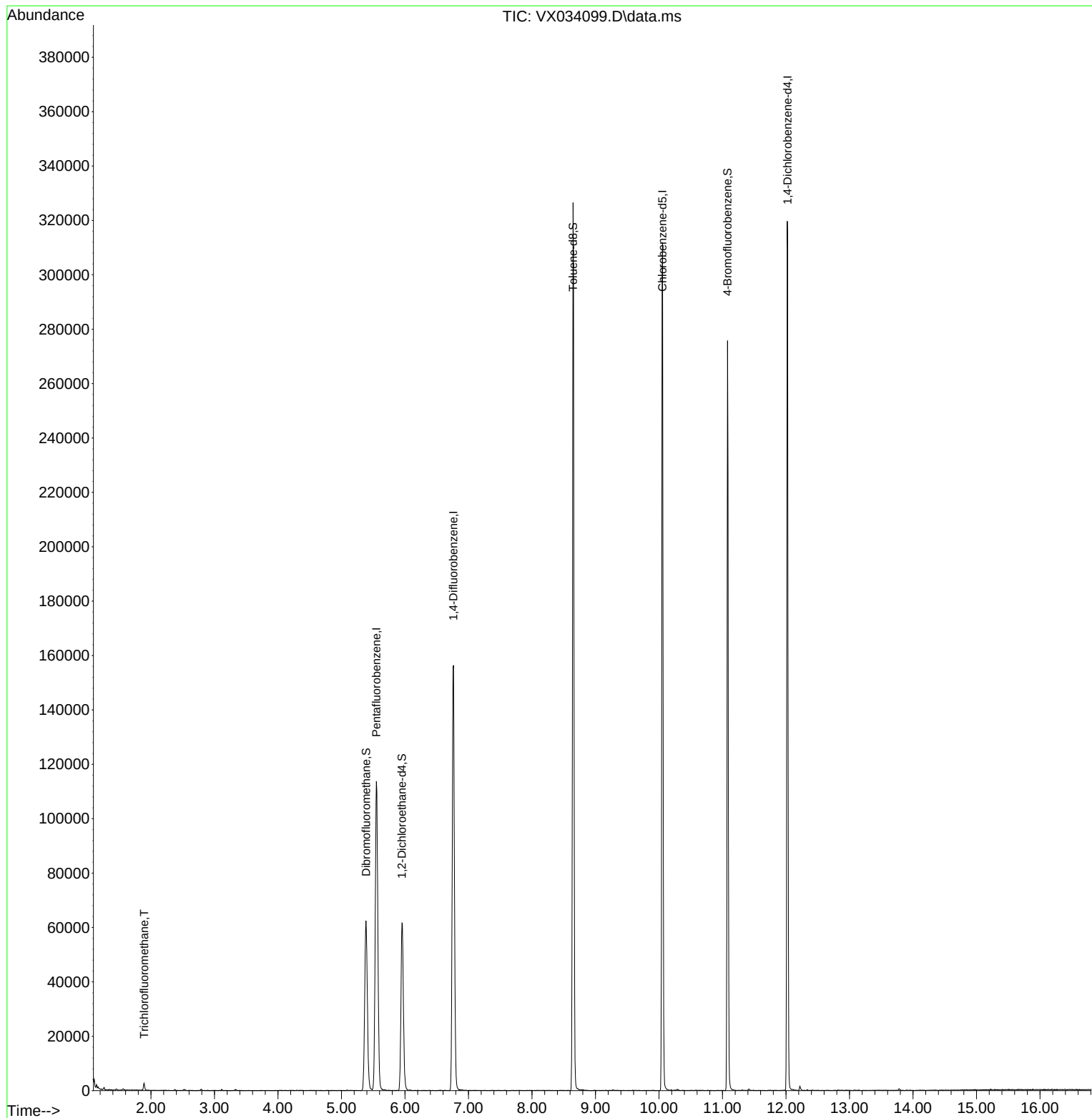
Internal Standards						
1) Pentafluorobenzene	5.550	168	124856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	173375	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	154848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60984	50.665	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.320%
35) Dibromofluoromethane	5.385	113	54819	49.681	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.360%
50) Toluene-d8	8.647	98	197392	49.652	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.300%
62) 4-Bromofluorobenzene	11.079	95	70411	49.590	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.180%
Target Compounds						
7) Trichlorofluoromethane	1.892	101	1686	1.056	ug/l	94

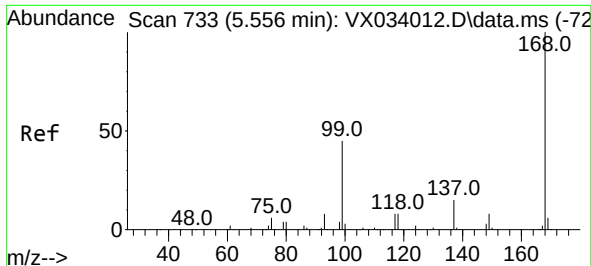
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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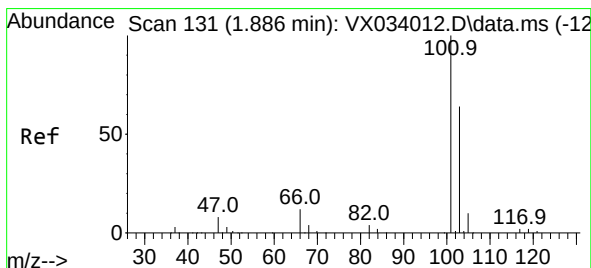
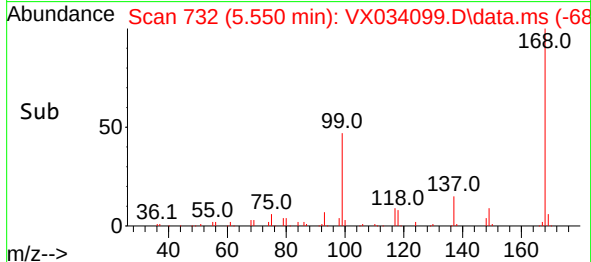
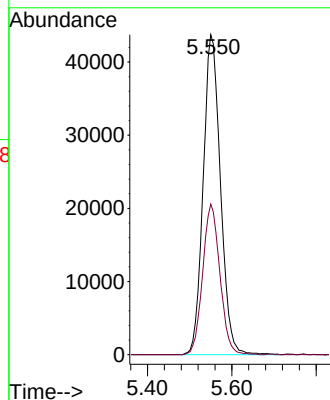
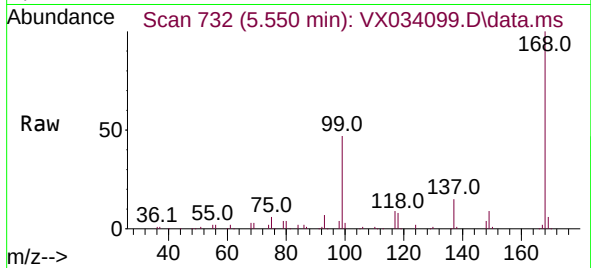




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034099.D
Acq: 09 Feb 2023 12:27

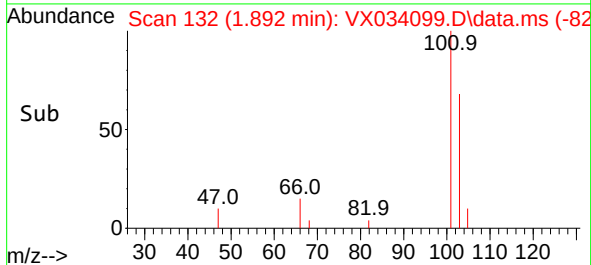
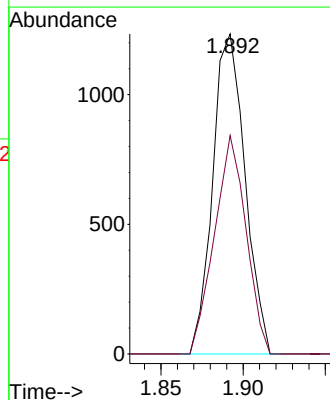
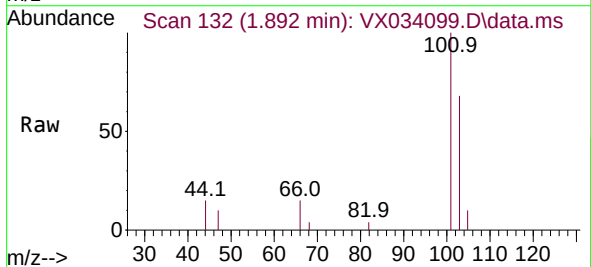
Instrument :
MSVOA_X
ClientSampleId :
OW-04B-18-28-020823

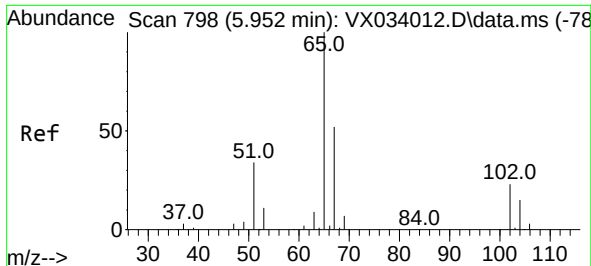
Tgt Ion:168 Resp: 124856
Ion Ratio Lower Upper
168 100
99 47.0 39.6 59.4



#7
Trichlorofluoromethane
Concen: 1.056 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX034099.D
Acq: 09 Feb 2023 12:27

Tgt Ion:101 Resp: 1686
Ion Ratio Lower Upper
101 100
103 68.2 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 50.665 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034099.D

Acq: 09 Feb 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

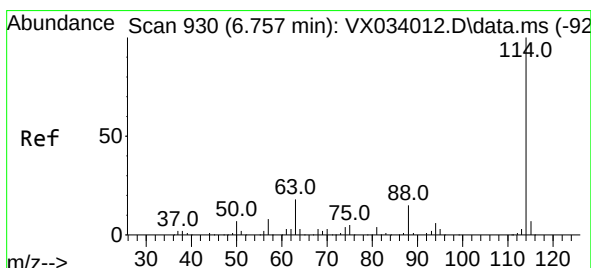
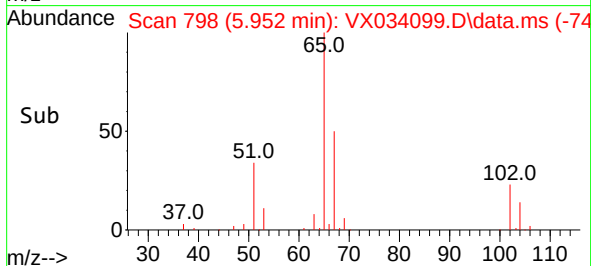
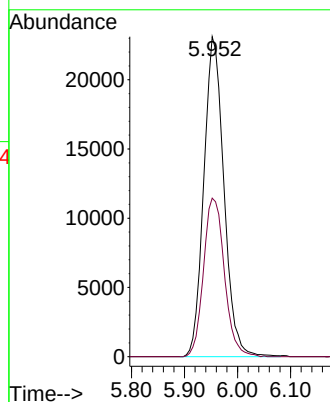
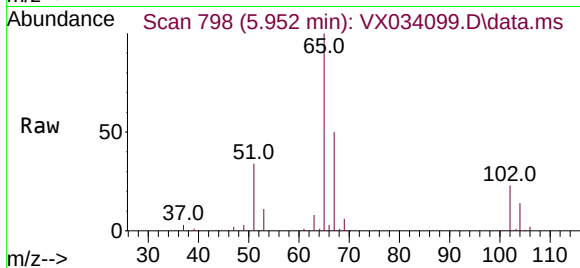
OW-04B-18-28-020823

Tgt Ion: 65 Resp: 60984

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034099.D

Acq: 09 Feb 2023 12:27

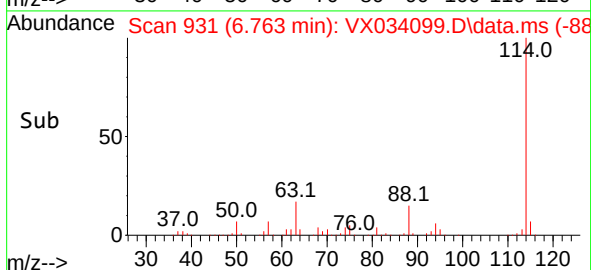
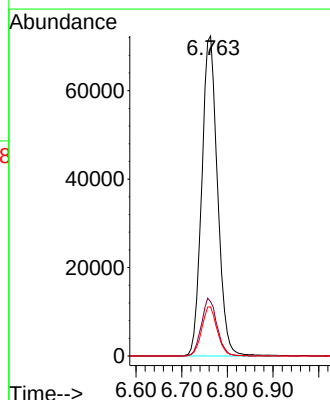
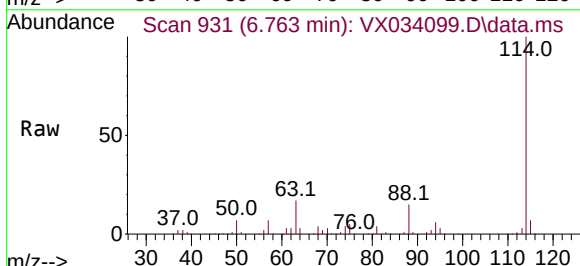
Tgt Ion: 114 Resp: 173375

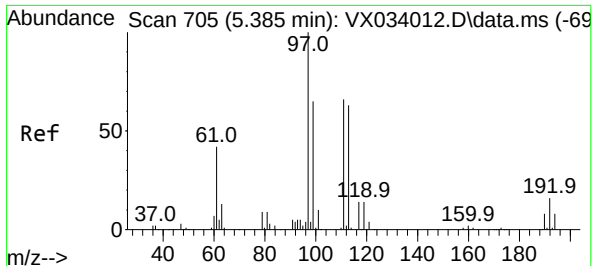
Ion Ratio Lower Upper

114 100

63 17.0 0.0 37.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.681 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034099.D

Acq: 09 Feb 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

OW-04B-18-28-020823

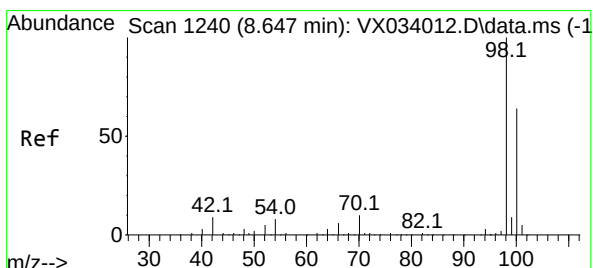
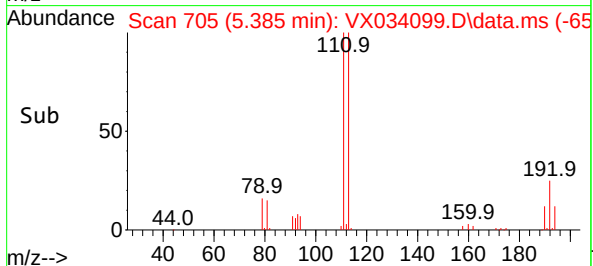
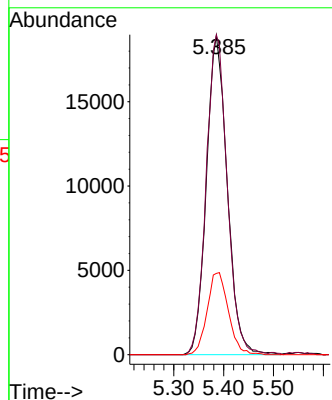
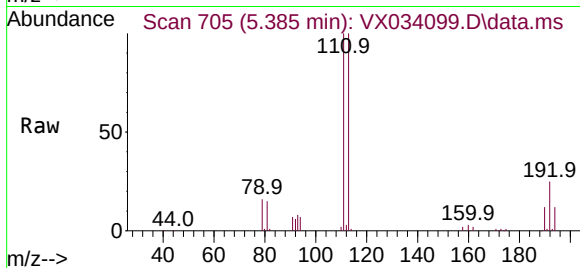
Tgt Ion:113 Resp: 54819

Ion Ratio Lower Upper

113 100

111 101.1 83.0 124.6

192 26.2 19.0 28.4



#50

Toluene-d8

Concen: 49.652 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034099.D

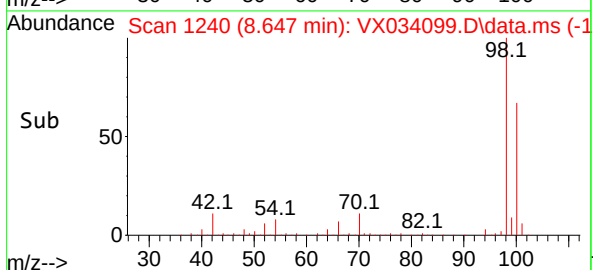
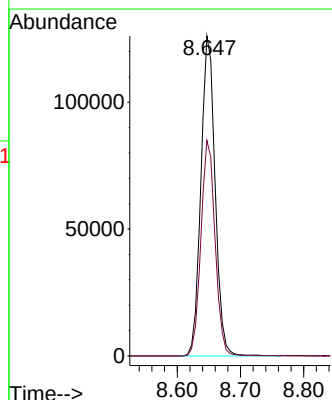
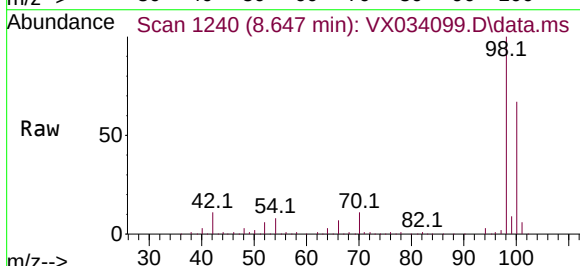
Acq: 09 Feb 2023 12:27

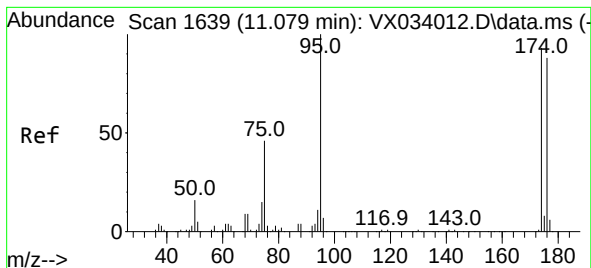
Tgt Ion: 98 Resp: 197392

Ion Ratio Lower Upper

98 100

100 67.3 53.6 80.4





#62

4-Bromofluorobenzene

Concen: 49.590 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034099.D

Acq: 09 Feb 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

OW-04B-18-28-020823

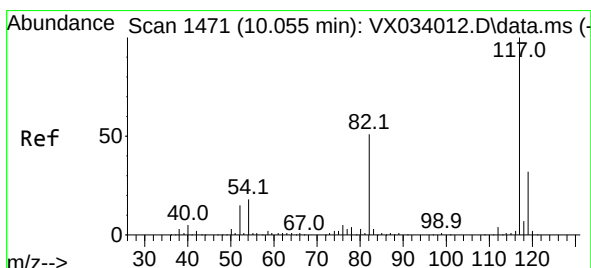
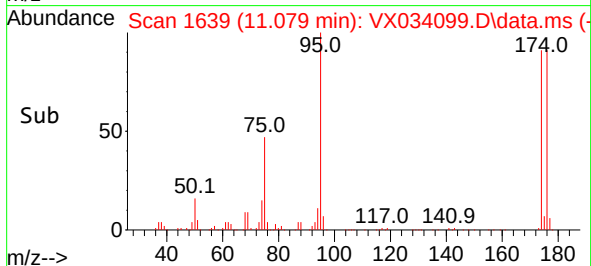
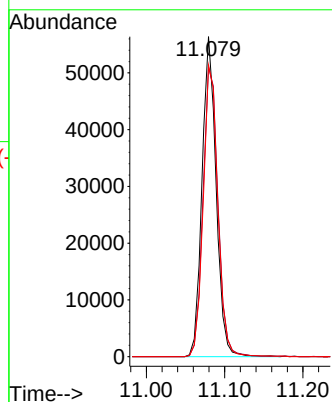
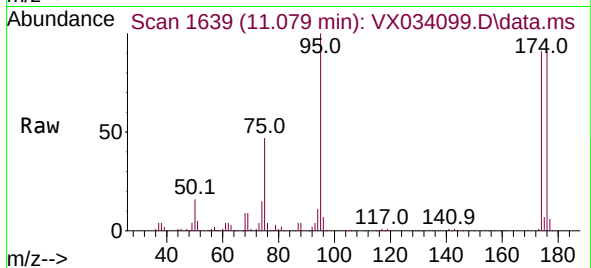
Tgt Ion: 95 Resp: 70411

Ion Ratio Lower Upper

95 100

174 96.4 0.0 184.4

176 94.4 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: VX034099.D

Acq: 09 Feb 2023 12:27

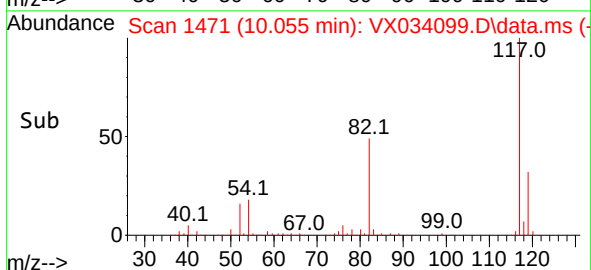
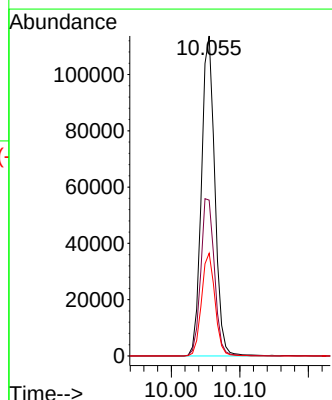
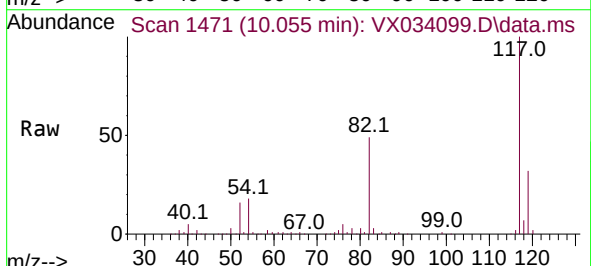
Tgt Ion: 117 Resp: 154848

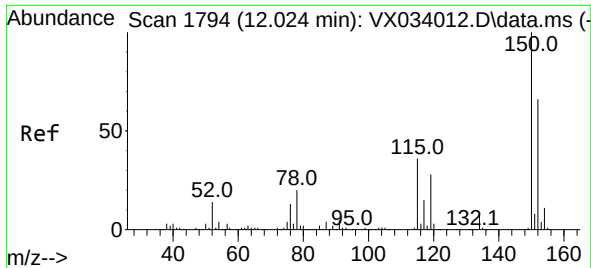
Ion Ratio Lower Upper

117 100

82 48.7 40.6 60.8

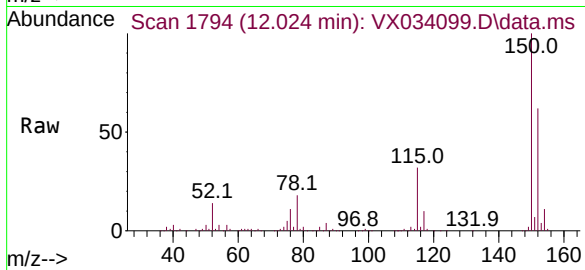
119 32.1 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034099.D
 Acq: 09 Feb 2023 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-04B-18-28-020823



Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.6	38.7	116.1
150	158.3	0.0	348.2

