

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101422\
 Data File : VX032143.D
 Acq On : 14 Oct 2022 18:33
 Operator : JC/MD
 Sample : N5146-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Oct 17 02:28:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

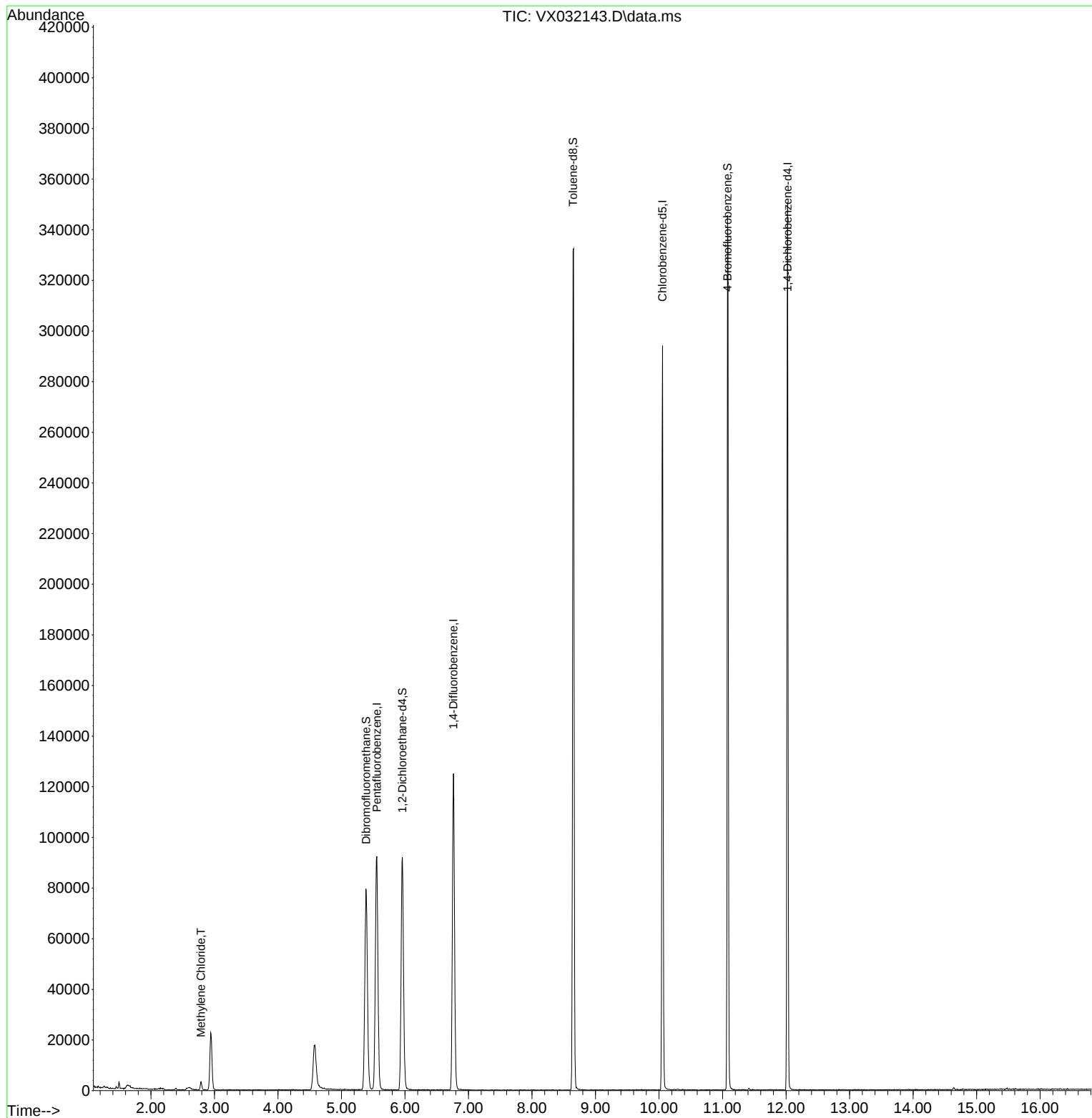
Internal Standards						
1) Pentafluorobenzene	5.556	168	83015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	122310	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89156	52.003	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.000%
35) Dibromofluoromethane	5.385	113	66312	47.897	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.800%
50) Toluene-d8	8.647	98	200478	40.242	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	80.480%#
62) 4-Bromofluorobenzene	11.079	95	88357	50.168	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.340%
Target Compounds						
20) Methylene Chloride	2.788	84	1423	0.929	ug/l	95

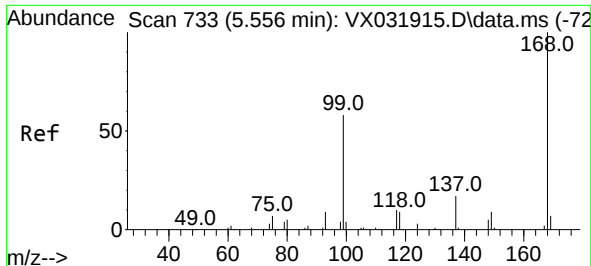
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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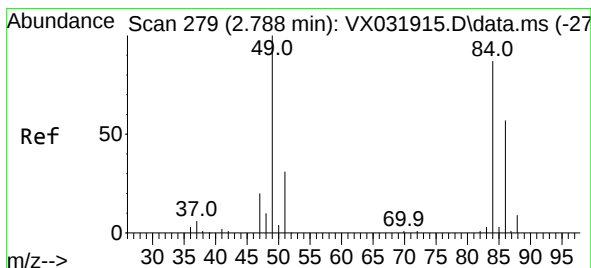
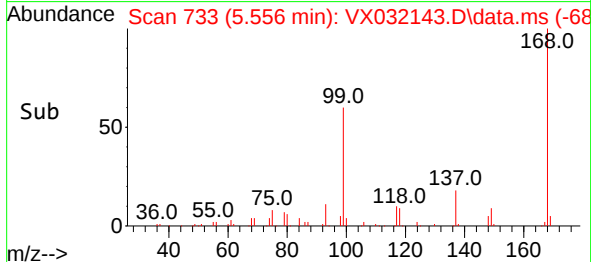
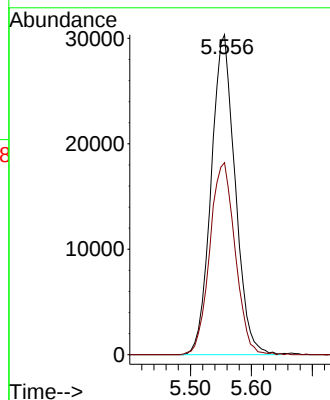
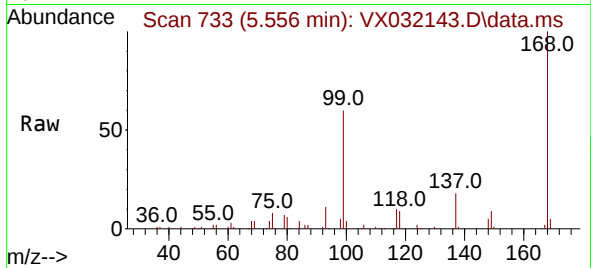




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032143.D
Acq: 14 Oct 2022 18:33

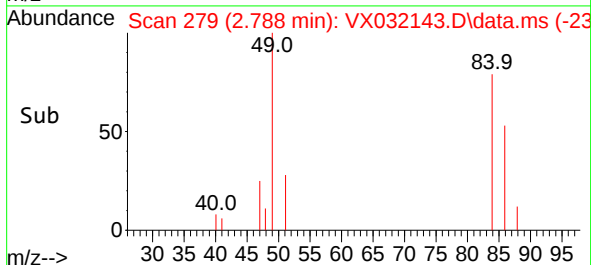
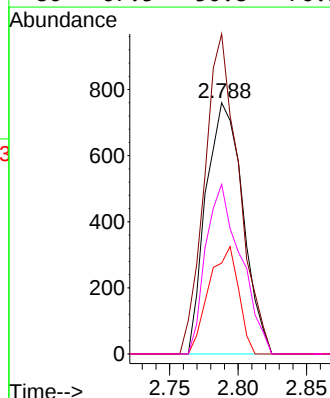
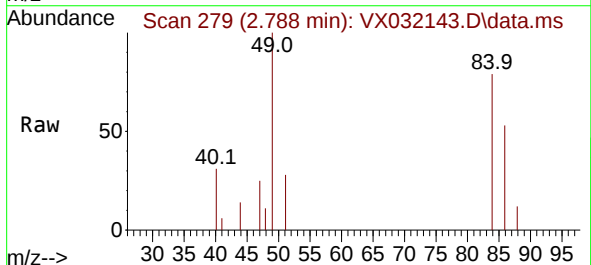
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

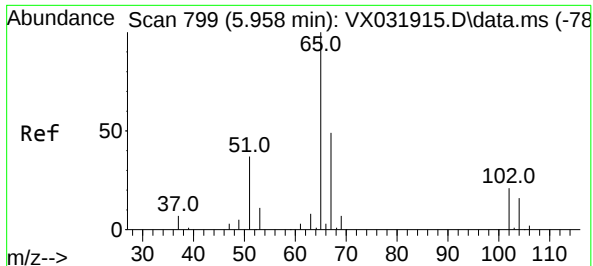
Tgt Ion:168 Resp: 83015
Ion Ratio Lower Upper
168 100
99 60.0 48.8 73.2



#20
Methylene Chloride
Concen: 0.929 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032143.D
Acq: 14 Oct 2022 18:33

Tgt Ion: 84 Resp: 1423
Ion Ratio Lower Upper
84 100
49 127.4 105.9 158.9
51 36.2 32.2 48.2
86 67.5 50.8 76.2





#33

1,2-Dichloroethane-d4

Concen: 52.003 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032143.D

Acq: 14 Oct 2022 18:33

Instrument :

MSVOA_X

ClientSampleId :

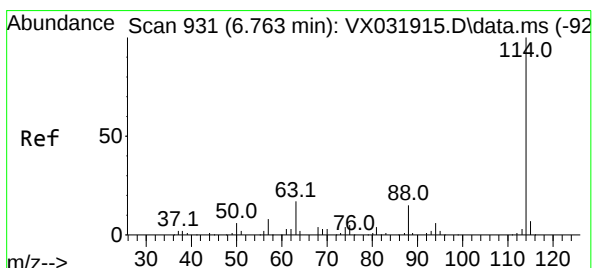
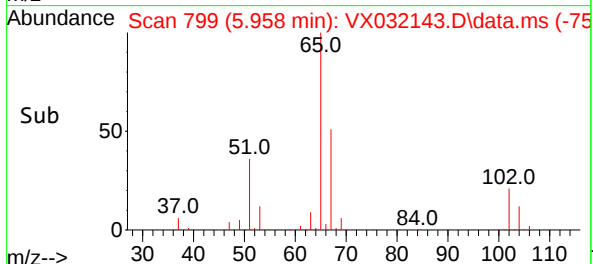
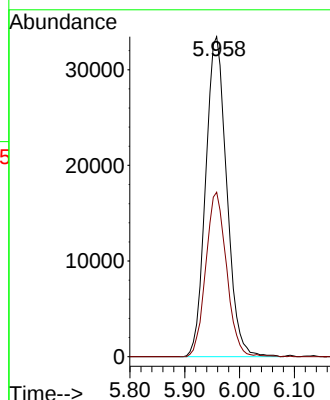
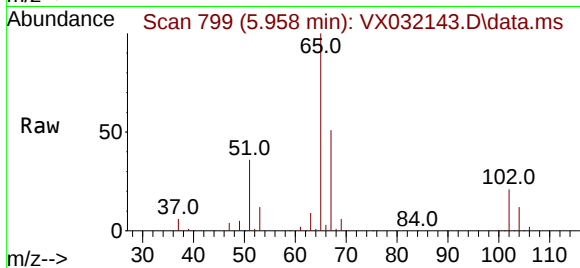
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 65 Resp: 89156

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032143.D

Acq: 14 Oct 2022 18:33

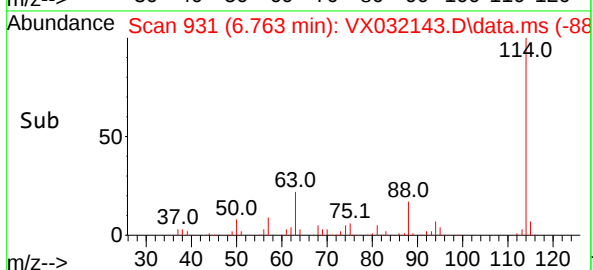
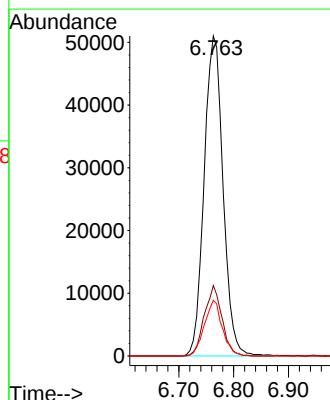
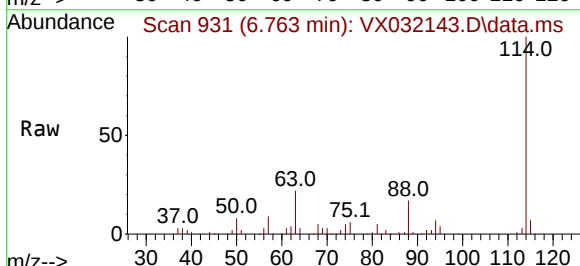
Tgt Ion: 114 Resp: 122310

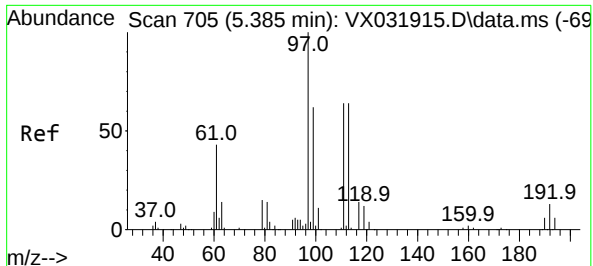
Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.6

88 17.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.897 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032143.D

Acq: 14 Oct 2022 18:33

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

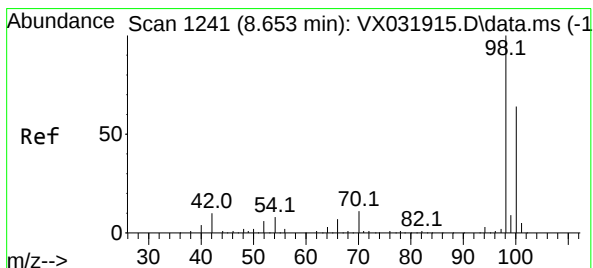
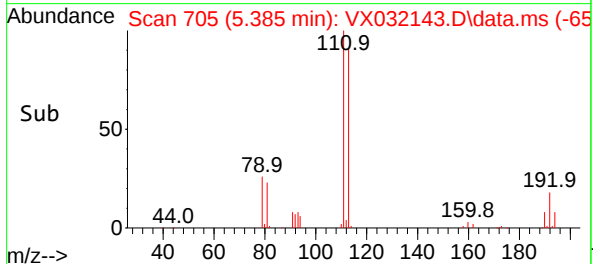
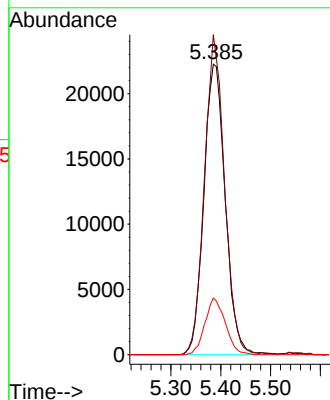
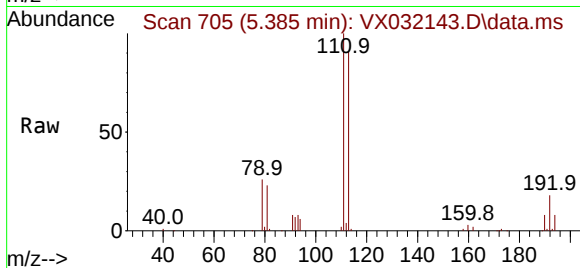
Tgt Ion:113 Resp: 66312

Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

192 18.6 14.1 21.1



#50

Toluene-d8

Concen: 40.242 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032143.D

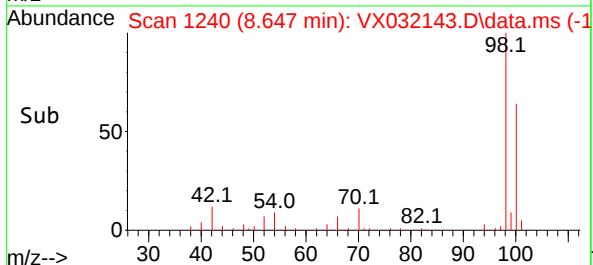
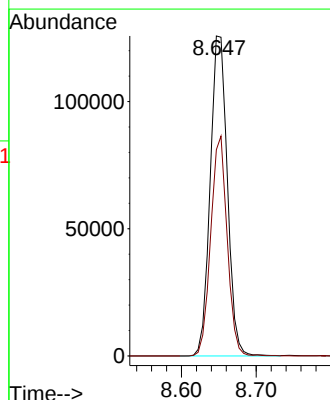
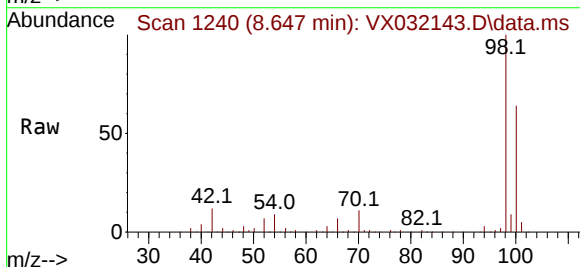
Acq: 14 Oct 2022 18:33

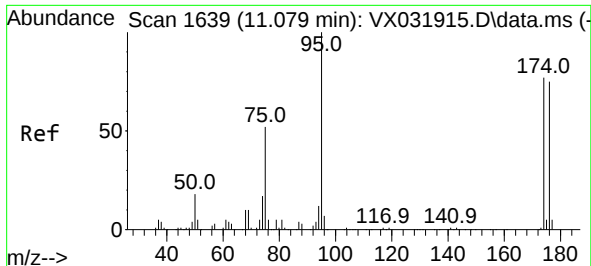
Tgt Ion: 98 Resp: 200478

Ion Ratio Lower Upper

98 100

100 65.8 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 50.168 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032143.D

Acq: 14 Oct 2022 18:33

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

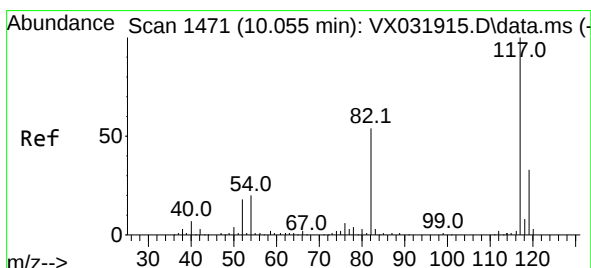
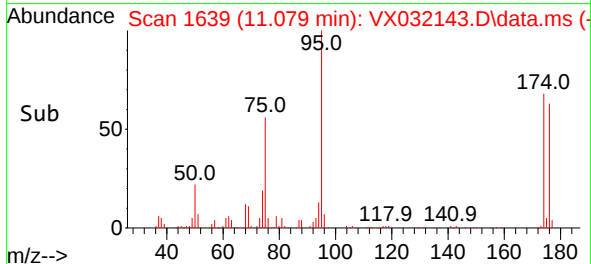
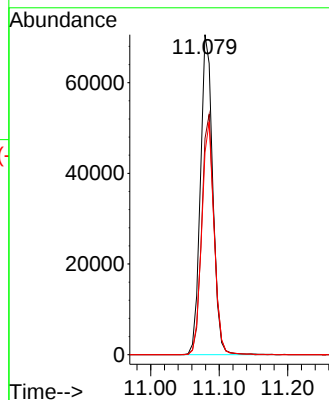
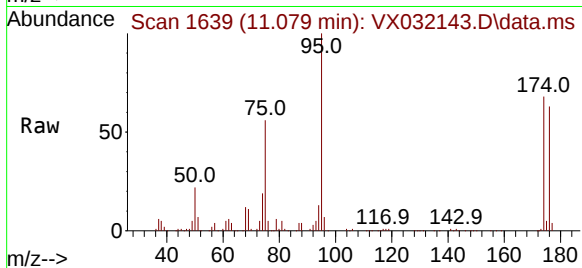
Tgt Ion: 95 Resp: 88357

Ion Ratio Lower Upper

95 100

174 75.2 0.0 153.2

176 72.8 0.0 144.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX032143.D

Acq: 14 Oct 2022 18:33

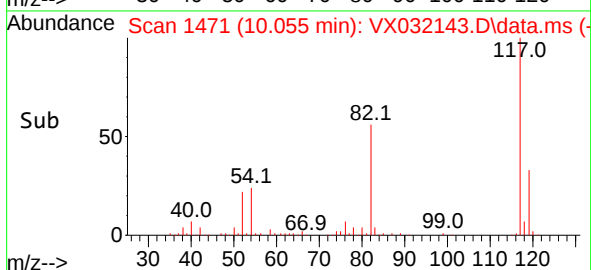
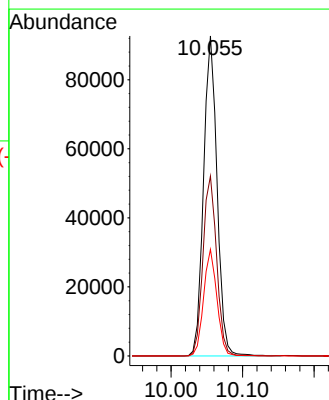
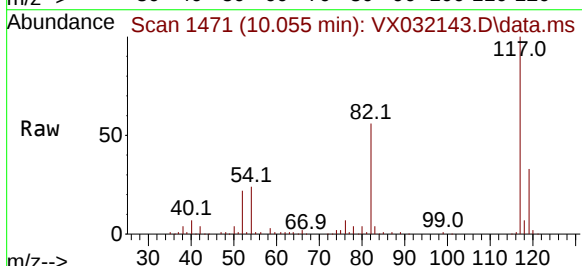
Tgt Ion: 117 Resp: 121619

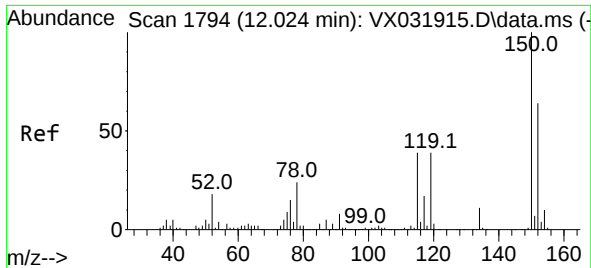
Ion Ratio Lower Upper

117 100

82 56.2 46.8 70.2

119 33.3 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032143.D

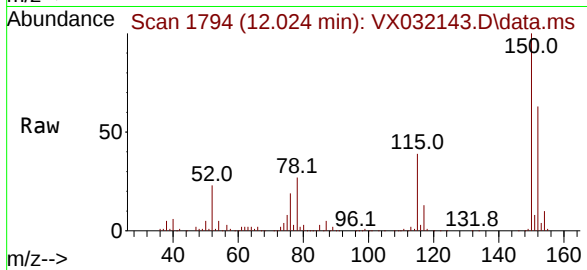
Acq: 14 Oct 2022 18:33

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion:152 Resp: 66901

Ion Ratio Lower Upper

152 100

115 61.2 43.4 130.1

150 157.1 0.0 346.8

