

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012023\
 Data File : VX033825.D
 Acq On : 20 Jan 2023 13:58
 Operator : JC/MD
 Sample : 01242-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-DUP-20230118

Quant Time: Jan 21 04:44:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

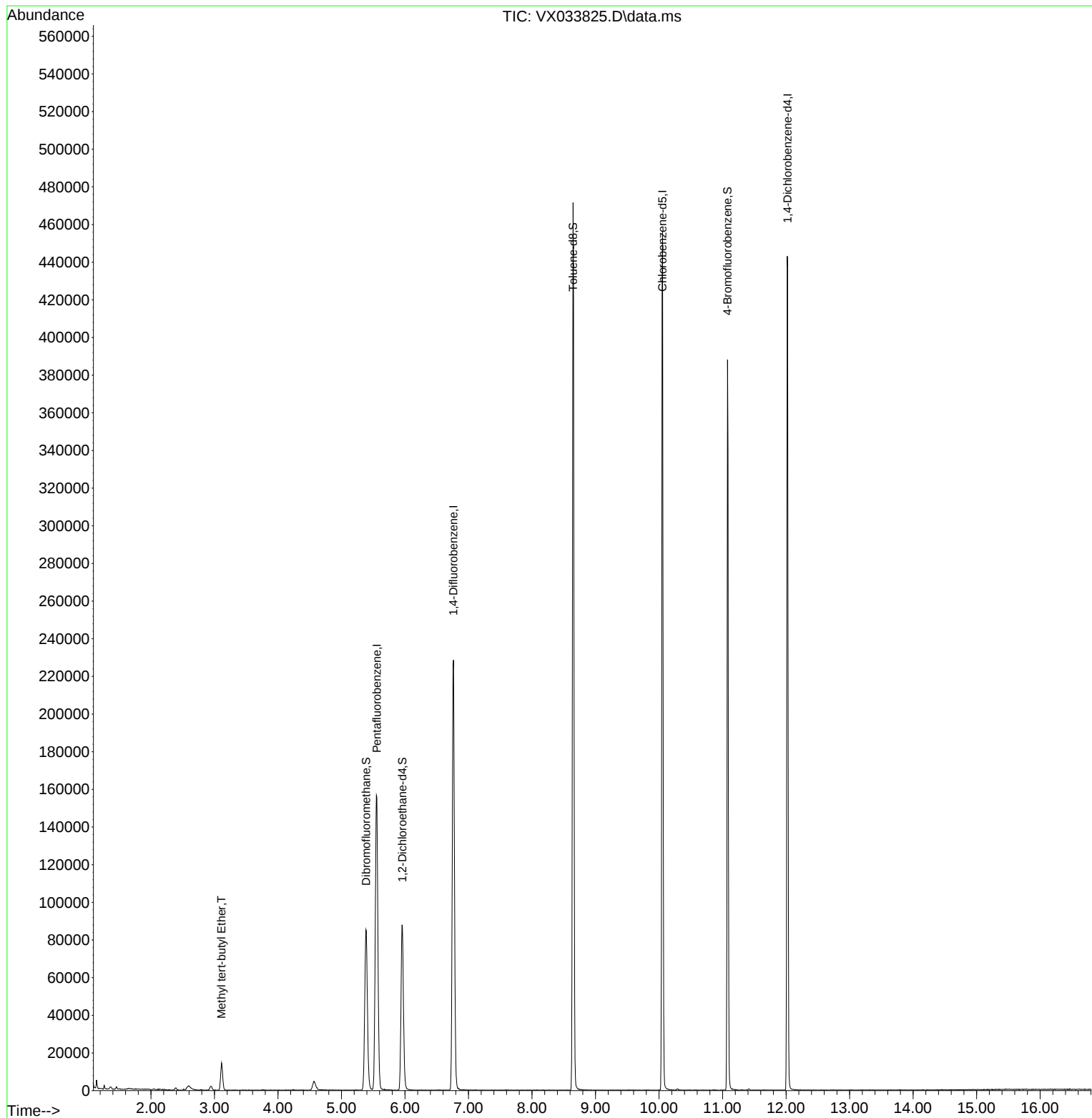
Internal Standards						
1) Pentafluorobenzene	5.556	168	169655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	250737	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84361	47.226	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.460%
35) Dibromofluoromethane	5.385	113	76518	49.146	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.300%
50) Toluene-d8	8.647	98	283676	50.007	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.020%
62) 4-Bromofluorobenzene	11.079	95	99527	47.255	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.500%
Target Compounds						
19) Methyl tert-butyl Ether	3.111	73	15107	3.151	ug/l	Qvalue 99

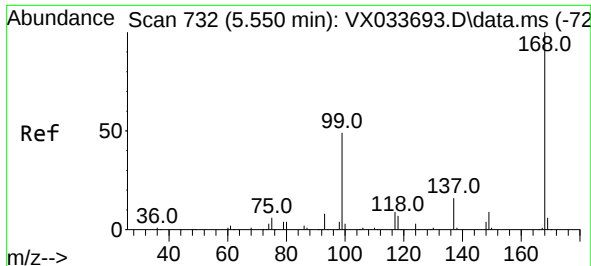
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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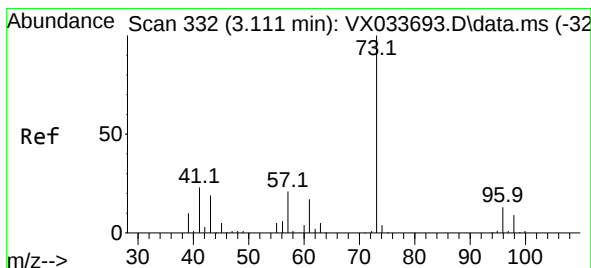
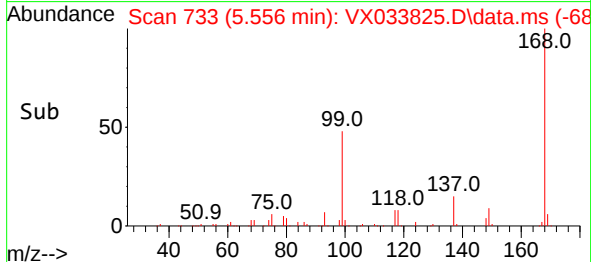
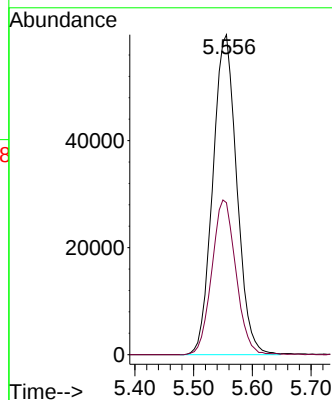
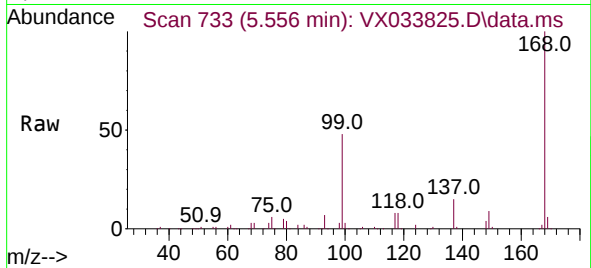




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX033825.D
Acq: 20 Jan 2023 13:58

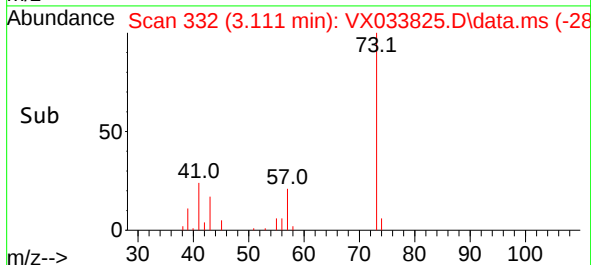
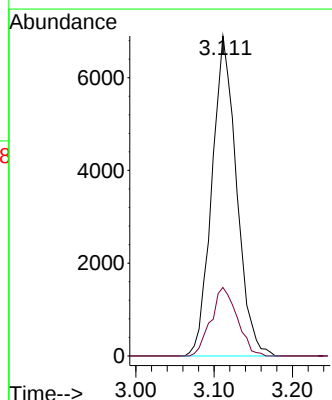
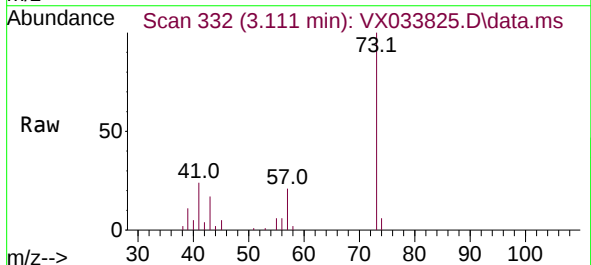
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-DUP-20230118

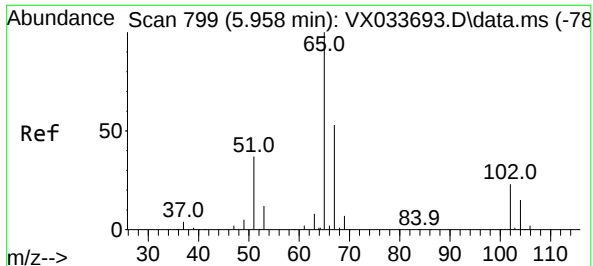
Tgt Ion:168 Resp: 169655
Ion Ratio Lower Upper
168 100
99 47.5 39.6 59.4



#19
Methyl tert-butyl Ether
Concen: 3.151 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX033825.D
Acq: 20 Jan 2023 13:58

Tgt Ion: 73 Resp: 15107
Ion Ratio Lower Upper
73 100
57 21.4 17.4 26.0





#33

1,2-Dichloroethane-d4

Concen: 47.226 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX033825.D

Acq: 20 Jan 2023 13:58

Instrument :

MSVOA_X

ClientSampleId :

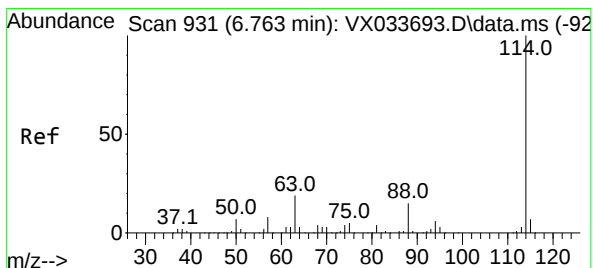
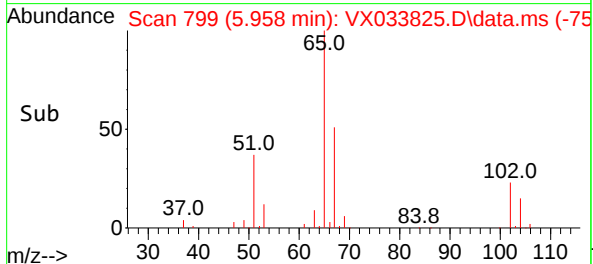
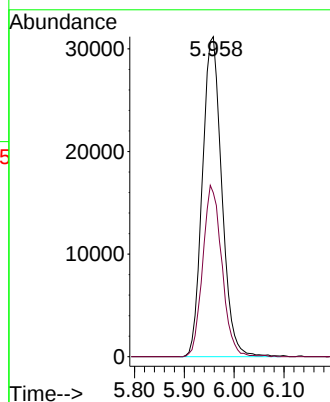
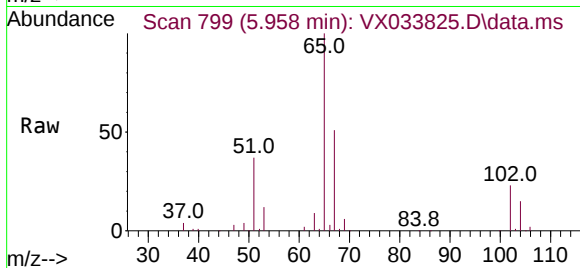
BP-VPB-RW10-DUP-20230118

Tgt Ion: 65 Resp: 84361

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033825.D

Acq: 20 Jan 2023 13:58

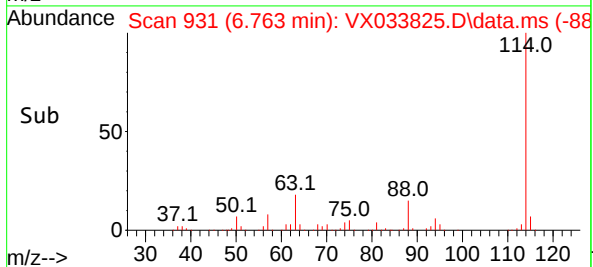
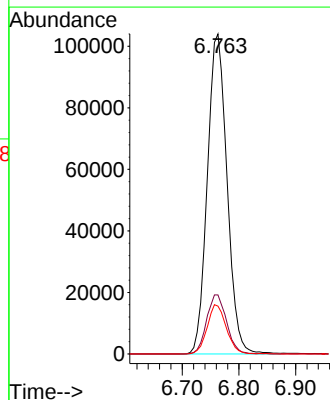
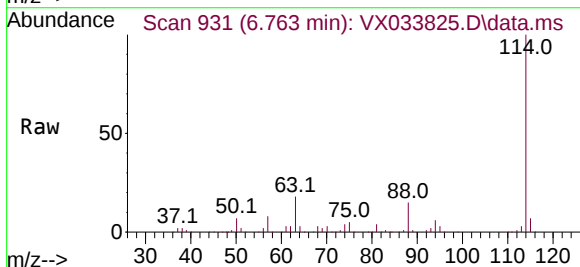
Tgt Ion: 114 Resp: 250737

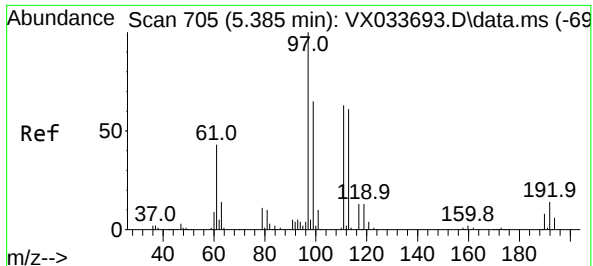
Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.146 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX033825.D

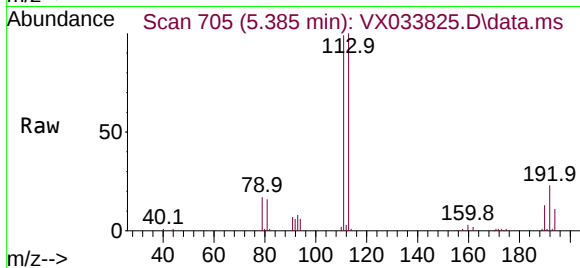
Acq: 20 Jan 2023 13:58

Instrument :

MSVOA_X

ClientSampleId :

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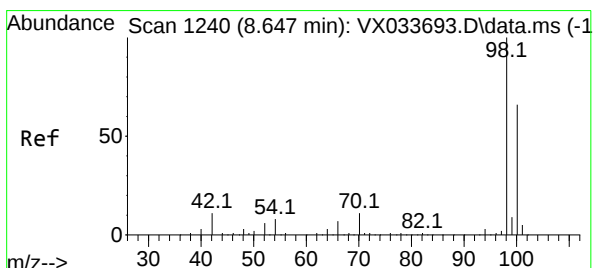
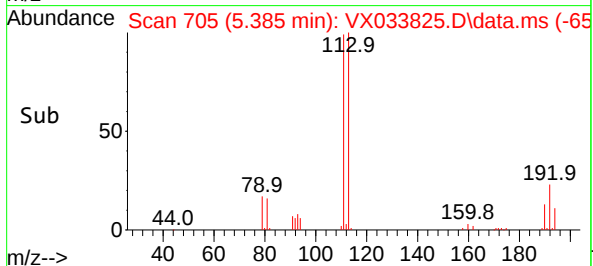
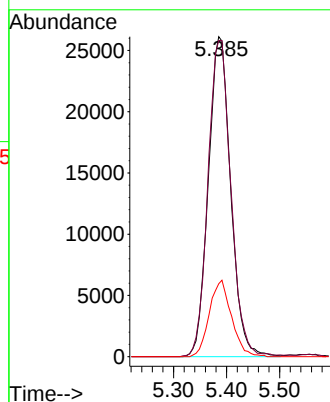
Tgt Ion:113 Resp: 76518

Ion Ratio Lower Upper

113 100

111 101.3 83.0 124.6

192 23.7 19.0 28.4



#50

Toluene-d8

Concen: 50.007 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX033825.D

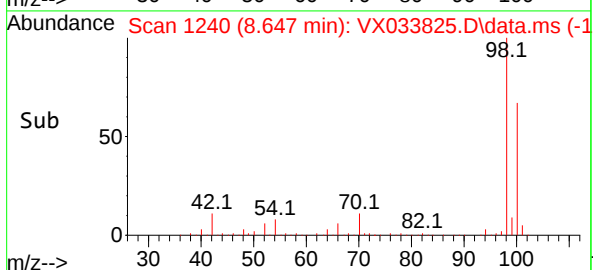
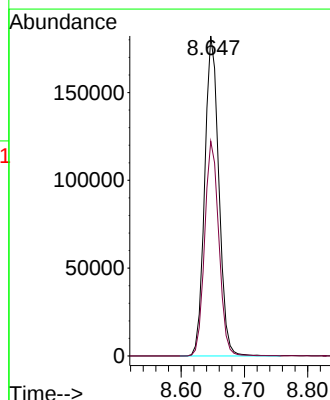
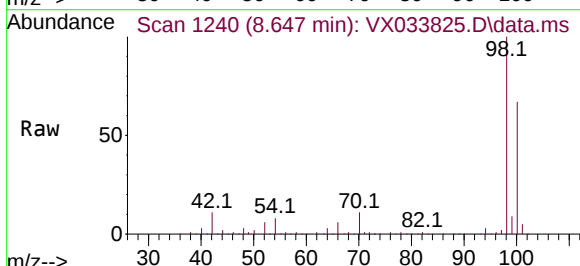
Acq: 20 Jan 2023 13:58

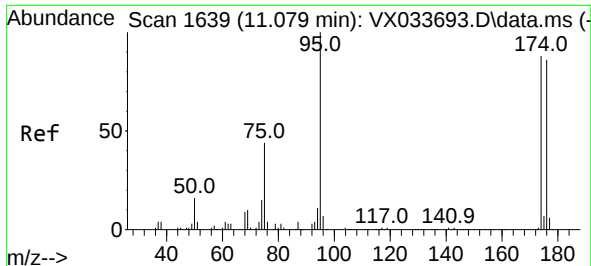
Tgt Ion: 98 Resp: 283676

Ion Ratio Lower Upper

98 100

100 67.3 53.6 80.4





#62

4-Bromofluorobenzene

Concen: 47.255 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX033825.D

Acq: 20 Jan 2023 13:58

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10-DUP-20230118

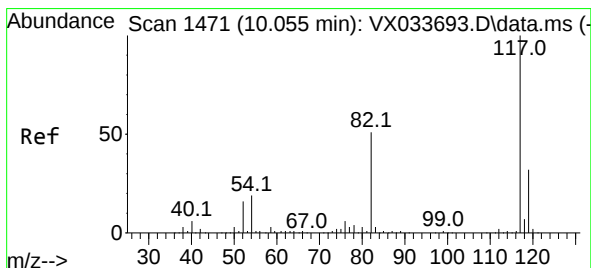
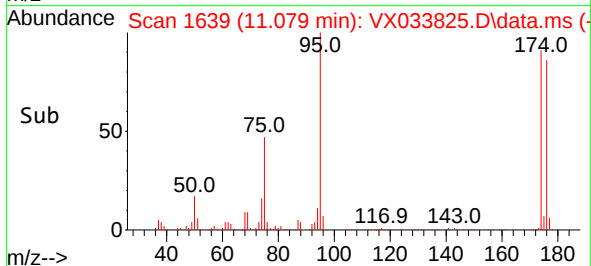
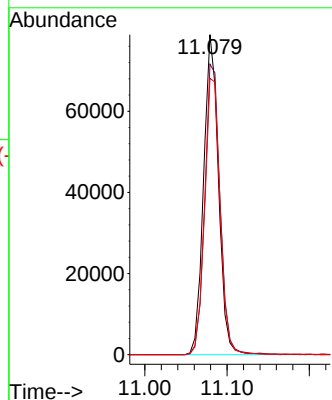
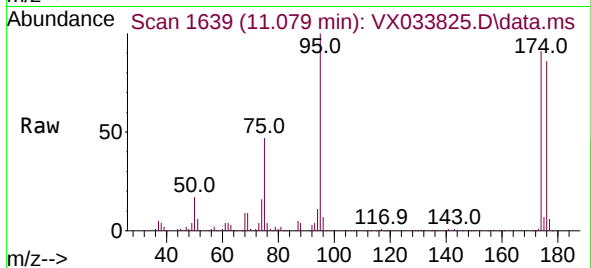
Tgt Ion: 95 Resp: 99527

Ion Ratio Lower Upper

95 100

174 93.6 0.0 184.4

176 90.1 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: VX033825.D

Acq: 20 Jan 2023 13:58

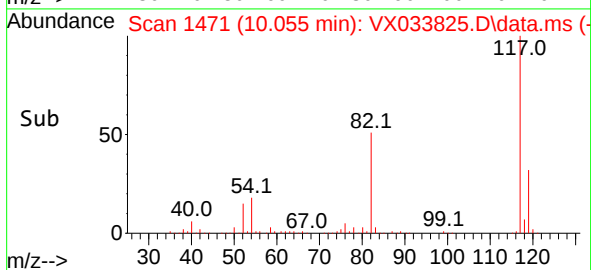
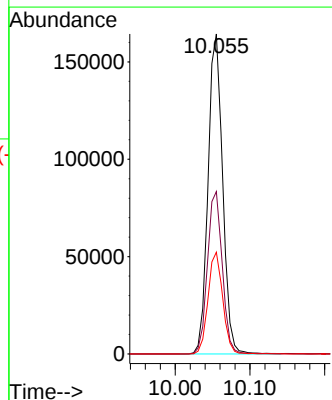
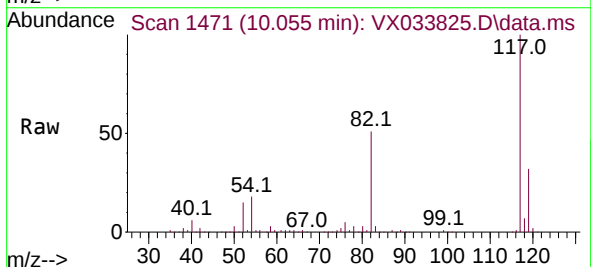
Tgt Ion: 117 Resp: 222707

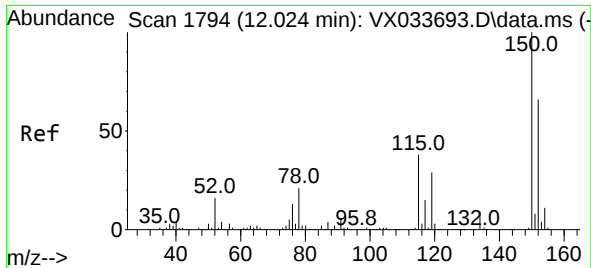
Ion Ratio Lower Upper

117 100

82 50.8 40.6 60.8

119 31.8 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: VX033825.D

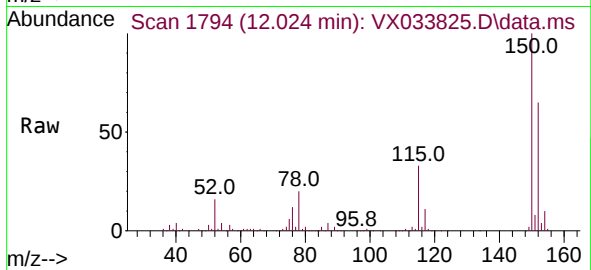
Acq: 20 Jan 2023 13:58

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 107648

Ion Ratio Lower Upper

152 100

115 54.0 38.7 116.1

150 156.0 0.0 348.2

