

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012023\
 Data File : VX033833.D
 Acq On : 20 Jan 2023 17:03
 Operator : JC/MD
 Sample : 01242-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-GW-298-300

Quant Time: Jan 21 04:46:44 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)

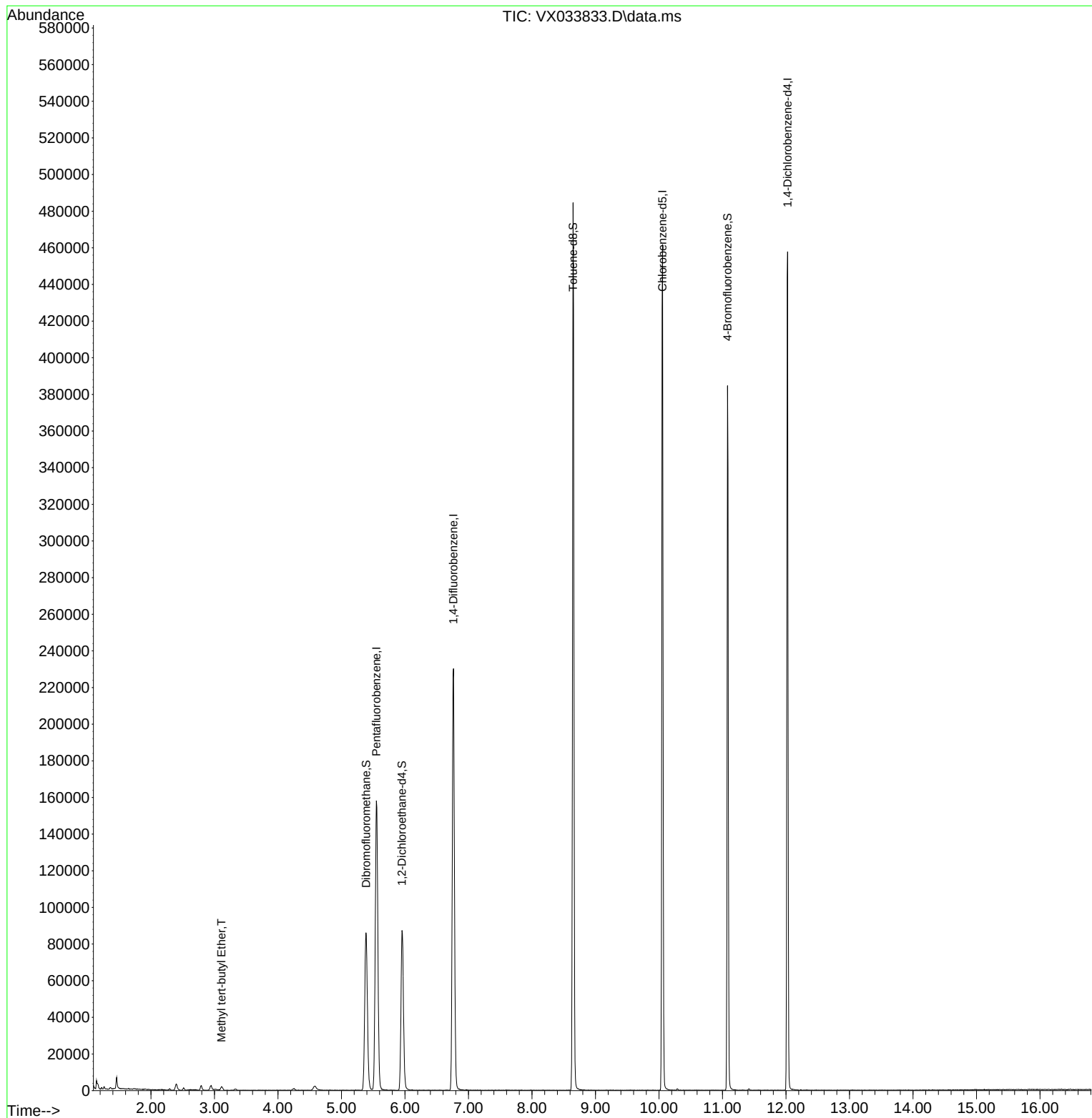
Internal Standards						
1) Pentafluorobenzene	5.550	168	171104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	250607	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84695	47.012	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.020%
35) Dibromofluoromethane	5.385	113	77064	49.523	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.040%
50) Toluene-d8	8.647	98	288480	50.880	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.760%
62) 4-Bromofluorobenzene	11.079	95	100154	47.577	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.160%
Target Compounds						
19) Methyl tert-butyl Ether	3.111	73	2271	0.470	ug/l	97

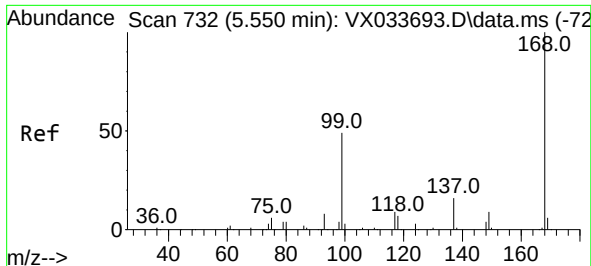
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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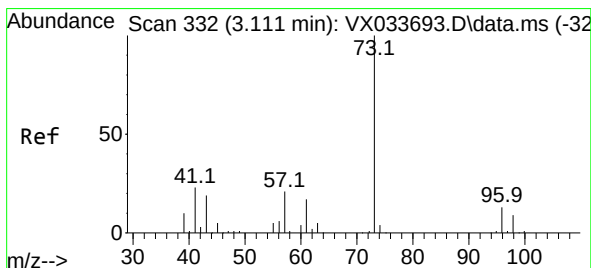
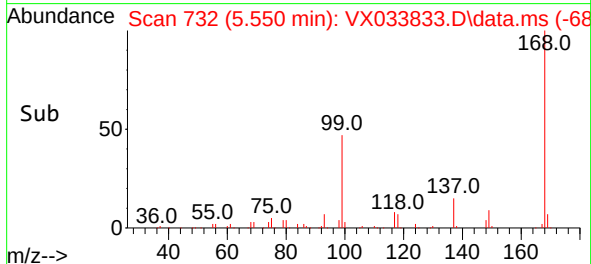
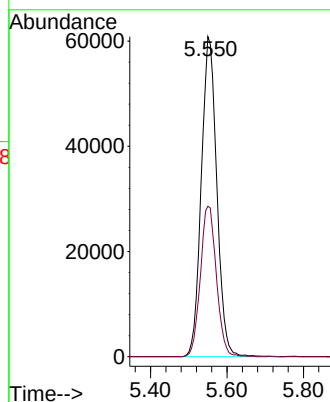
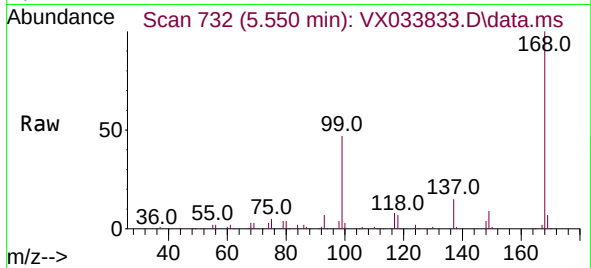




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX033833.D
Acq: 20 Jan 2023 17:03

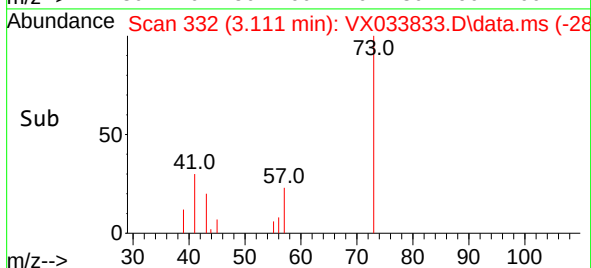
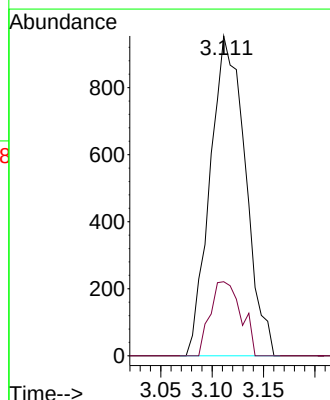
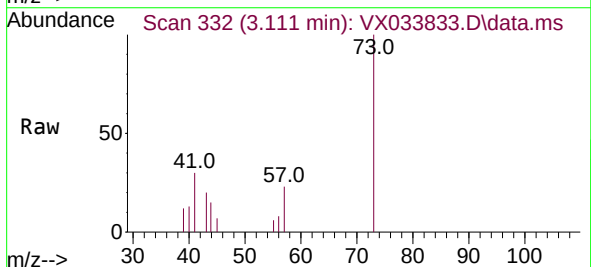
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-298-300

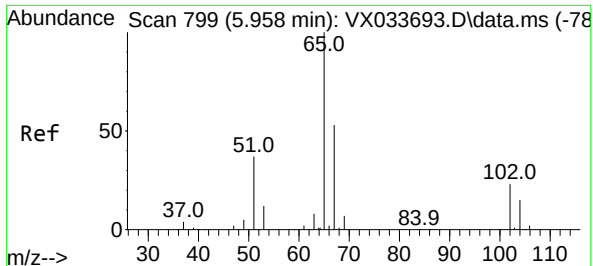
Tgt Ion:168 Resp: 171104
Ion Ratio Lower Upper
168 100
99 47.0 39.6 59.4



#19
Methyl tert-butyl Ether
Concen: 0.470 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033833.D
Acq: 20 Jan 2023 17:03

Tgt Ion: 73 Resp: 2271
Ion Ratio Lower Upper
73 100
57 23.2 17.4 26.0





#33

1,2-Dichloroethane-d4

Concen: 47.012 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033833.D

Acq: 20 Jan 2023 17:03

Instrument :

MSVOA_X

ClientSampleId :

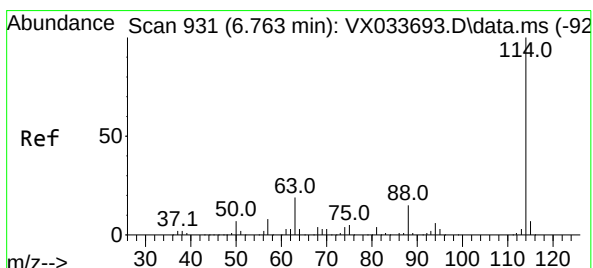
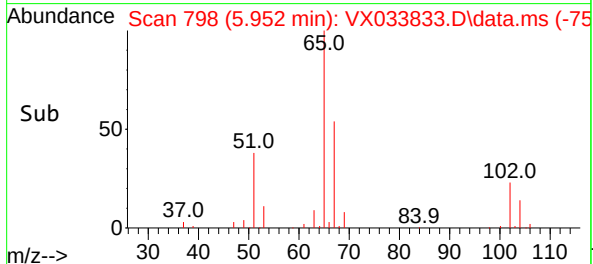
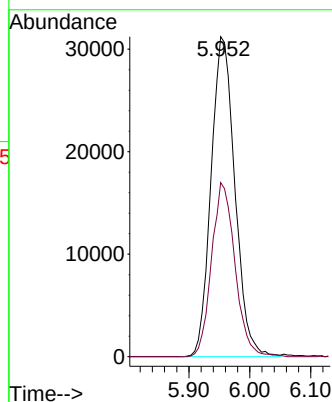
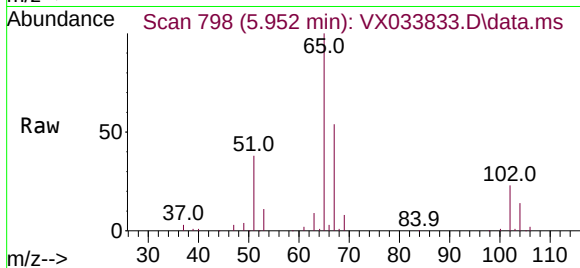
BP-VPB-RW10-GW-298-300

Tgt Ion: 65 Resp: 84695

Ion Ratio Lower Upper

65 100

67 53.5 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: VX033833.D

Acq: 20 Jan 2023 17:03

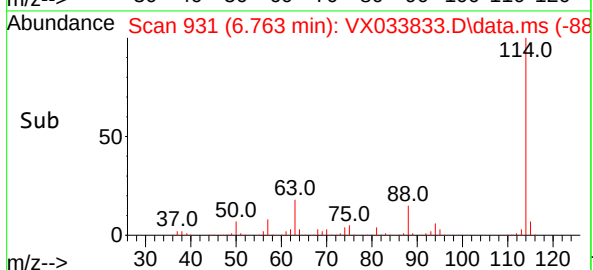
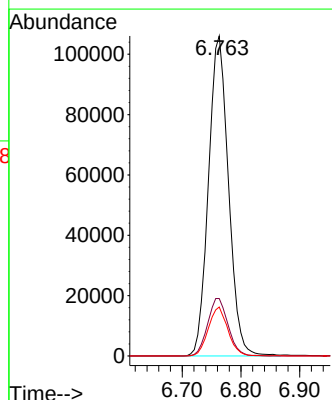
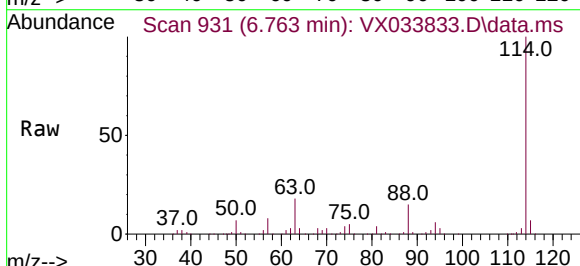
Tgt Ion: 114 Resp: 250607

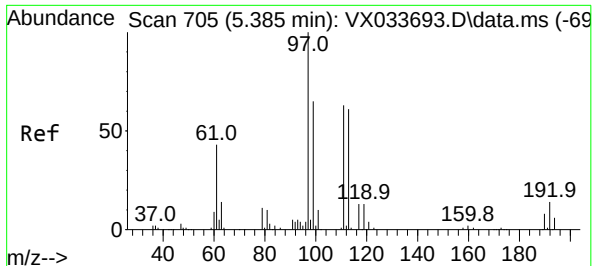
Ion Ratio Lower Upper

114 100

63 17.9 0.0 37.4

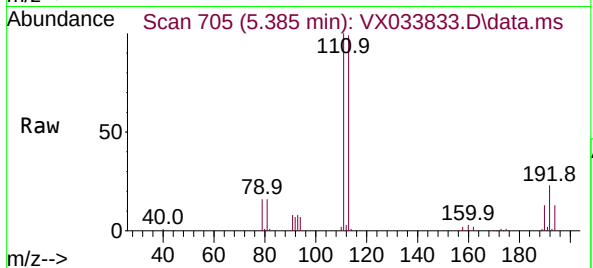
88 15.3 0.0 30.6



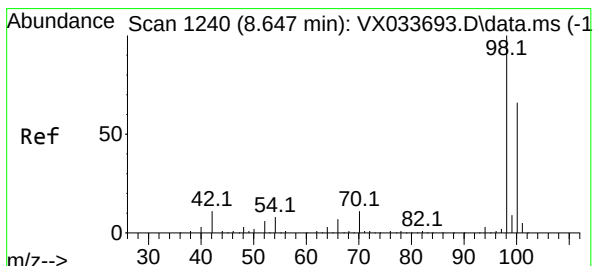
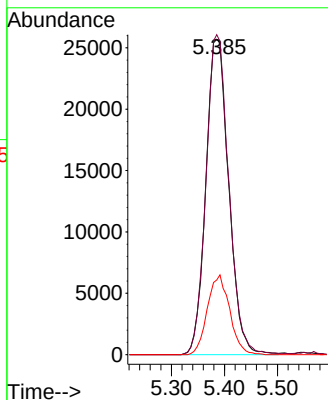
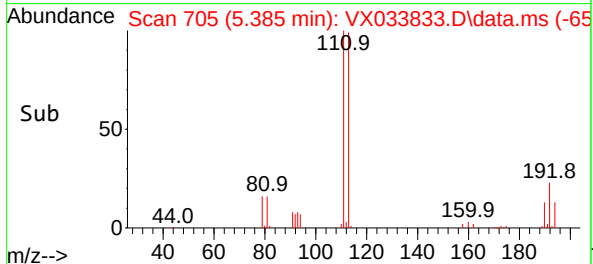


#35
Dibromofluoromethane
Concen: 49.523 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033833.D
Acq: 20 Jan 2023 17:03

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-298-300

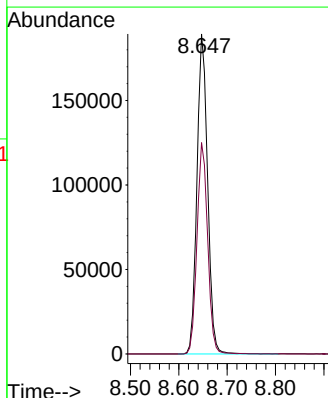
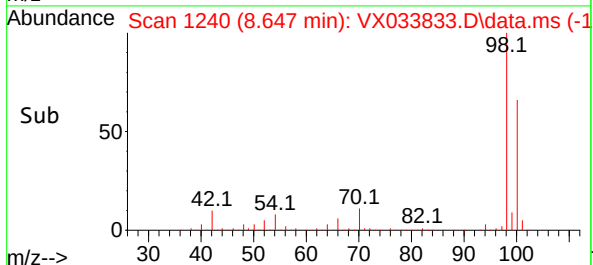
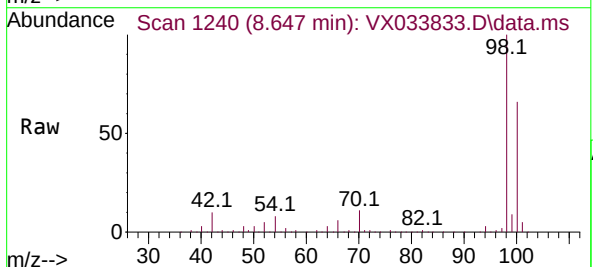


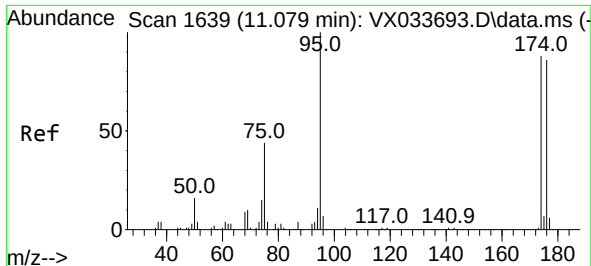
Tgt Ion:113 Resp: 77064
Ion Ratio Lower Upper
113 100
111 101.0 83.0 124.6
192 24.6 19.0 28.4



#50
Toluene-d8
Concen: 50.880 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX033833.D
Acq: 20 Jan 2023 17:03

Tgt Ion: 98 Resp: 288480
Ion Ratio Lower Upper
98 100
100 66.3 53.6 80.4





#62

4-Bromofluorobenzene

Concen: 47.577 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033833.D

Acq: 20 Jan 2023 17:03

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10-GW-298-300

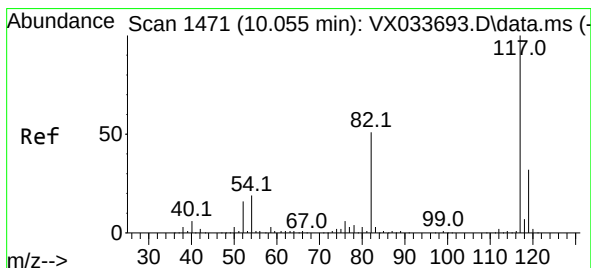
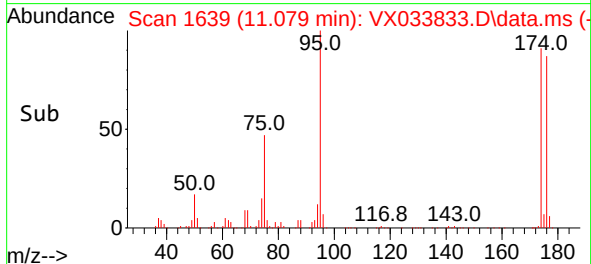
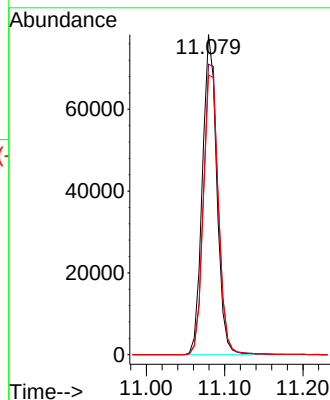
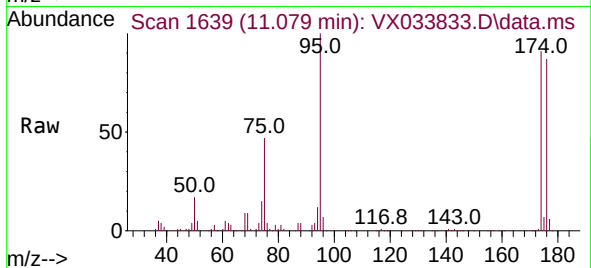
Tgt Ion: 95 Resp: 100154

Ion Ratio Lower Upper

95 100

174 93.8 0.0 184.4

176 91.6 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: VX033833.D

Acq: 20 Jan 2023 17:03

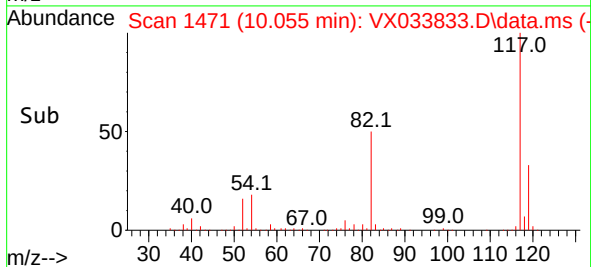
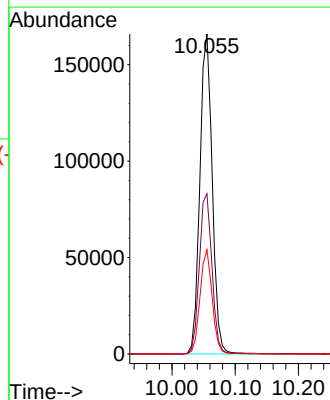
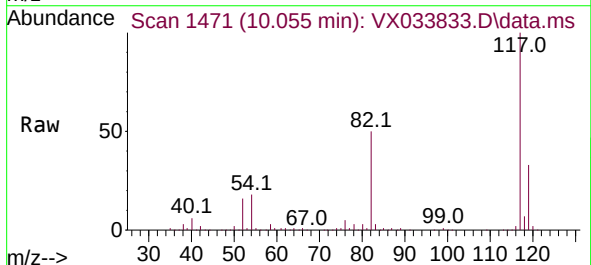
Tgt Ion: 117 Resp: 226042

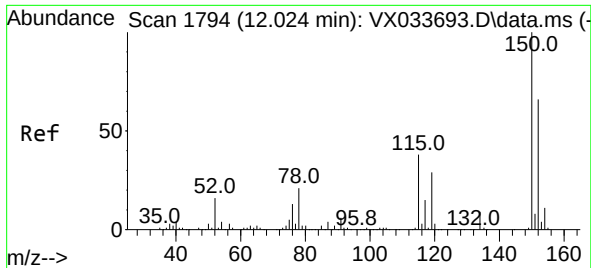
Ion Ratio Lower Upper

117 100

82 50.1 40.6 60.8

119 32.6 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: VX033833.D

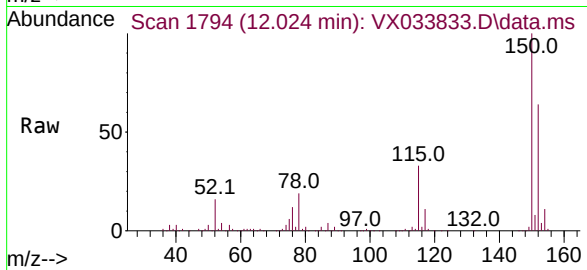
Acq: 20 Jan 2023 17:03

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10-GW-298-300



Tgt Ion:152 Resp: 107775

Ion Ratio Lower Upper

152 100

115 53.3 38.7 116.1

150 156.2 0.0 348.2

