

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
 Data File : VX033191.D
 Acq On : 02 Dec 2022 17:21
 Operator : JC/MD
 Sample : N5847-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-40-GW-01

Quant Time: Dec 03 04:34:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

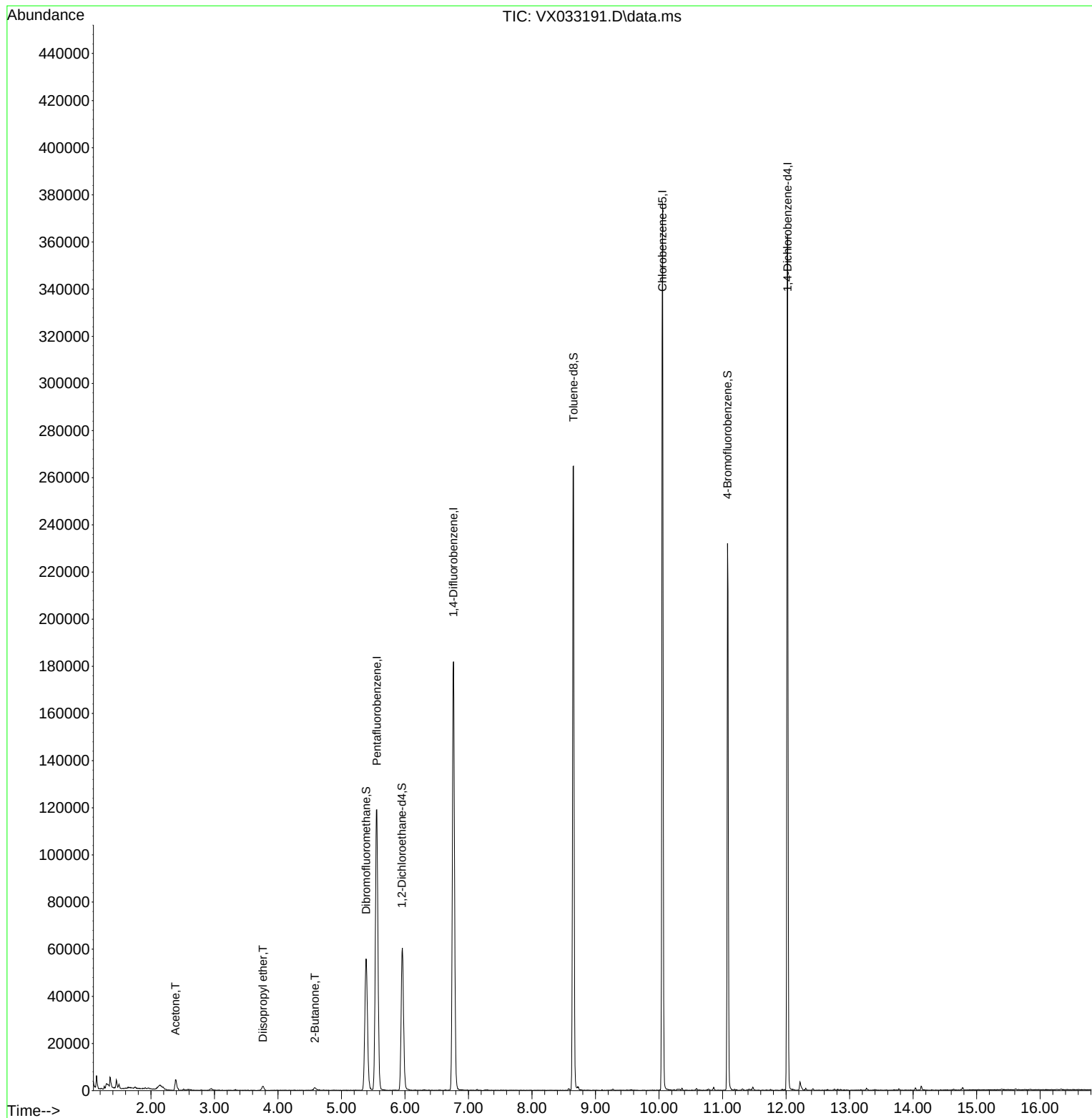
Internal Standards						
1) Pentafluorobenzene	5.556	168	113255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187302	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61347	55.797	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.600%
35) Dibromofluoromethane	5.385	113	48760	46.177	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.360%
50) Toluene-d8	8.653	98	160886	50.668	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.340%
62) 4-Bromofluorobenzene	11.079	95	59181	42.666	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.340%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	5980	11.610	ug/l #	84
22) Diisopropyl ether	3.764	45	1875	0.540	ug/l #	77
25) 2-Butanone	4.580	43	1808	2.546	ug/l #	76

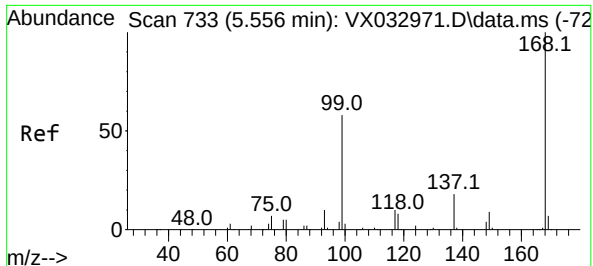
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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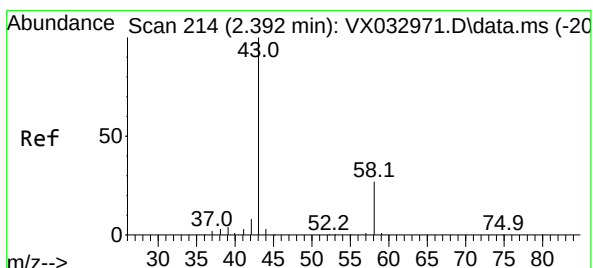
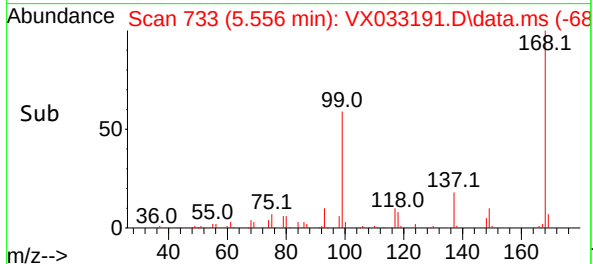
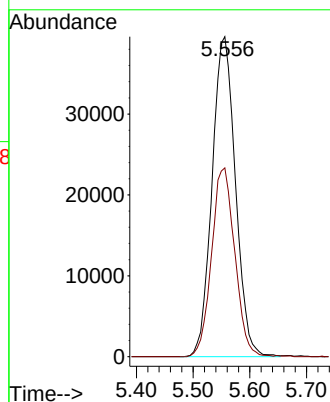
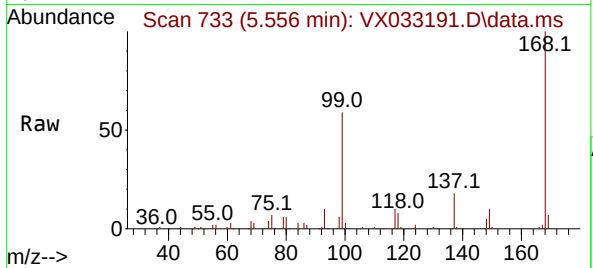




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX033191.D
Acq: 02 Dec 2022 17:21

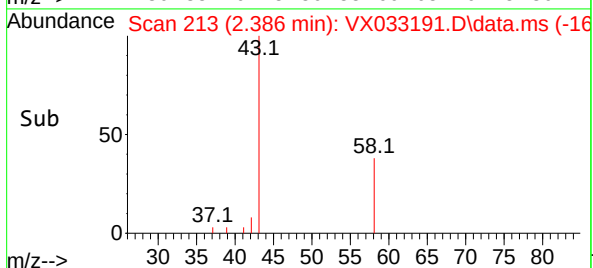
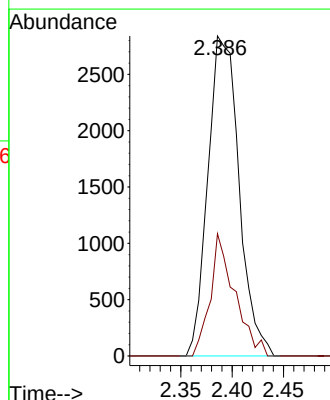
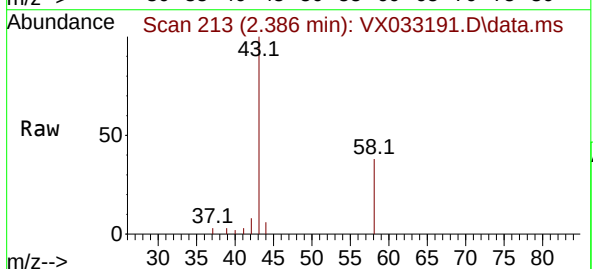
Instrument :
MSVOA_X
ClientSampleId :
B-40-GW-01

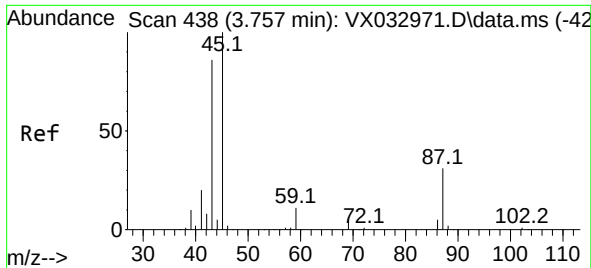
Tgt Ion:168 Resp: 113255
Ion Ratio Lower Upper
168 100
99 59.0 46.1 69.1



#16
Acetone
Concen: 11.610 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX033191.D
Acq: 02 Dec 2022 17:21

Tgt Ion: 43 Resp: 5980
Ion Ratio Lower Upper
43 100
58 38.2 23.8 35.8#

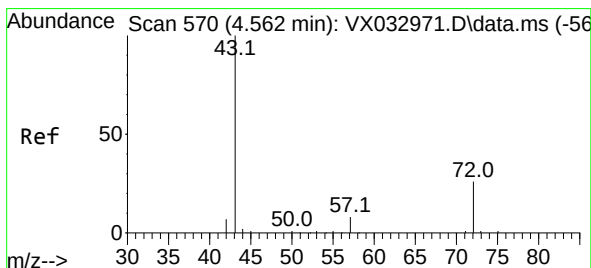
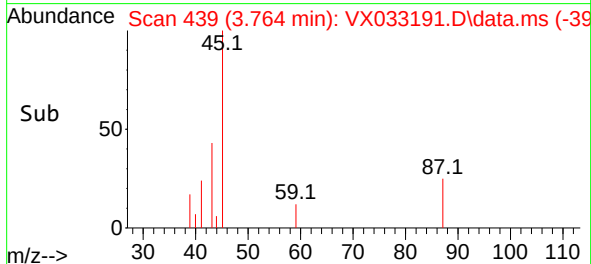
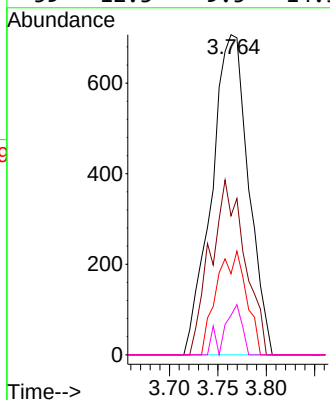
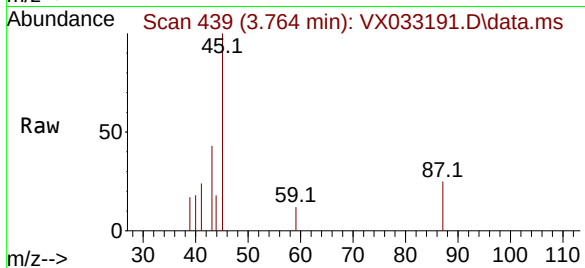




#22
Diisopropyl ether
Concen: 0.540 ug/l
RT: 3.764 min Scan# 41
Delta R.T. 0.001 min
Lab File: VX033191.D
Acq: 02 Dec 2022 17:21

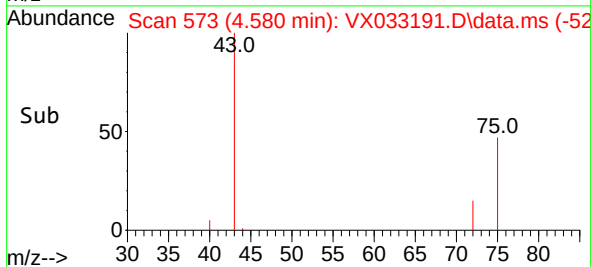
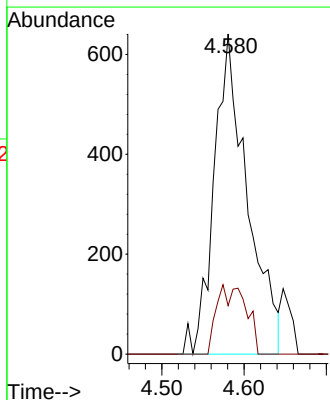
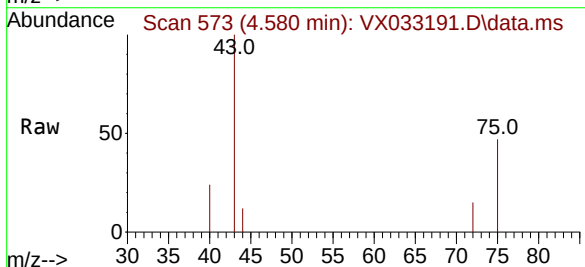
Instrument :
MSVOA_X
ClientSampleId :
B-40-GW-01

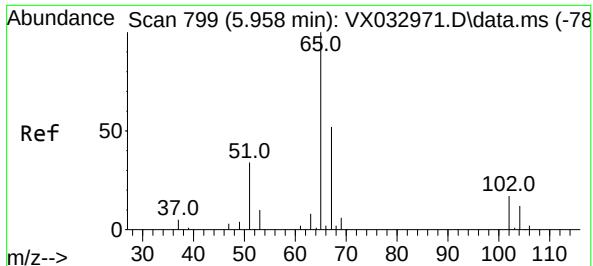
Tgt Ion: 45	Resp: 1875
Ion Ratio	Lower Upper
45 100	
43 43.4	56.4 84.6#
87 25.3	24.4 36.6
59 12.3	9.5 14.3



#25
2-Butanone
Concen: 2.546 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.024 min
Lab File: VX033191.D
Acq: 02 Dec 2022 17:21

Tgt Ion: 43	Resp: 1808
Ion Ratio	Lower Upper
43 100	
72 15.1	22.2 33.2#





#33

1,2-Dichloroethane-d4

Concen: 55.797 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033191.D

Acq: 02 Dec 2022 17:21

Instrument :

MSVOA_X

ClientSampleId :

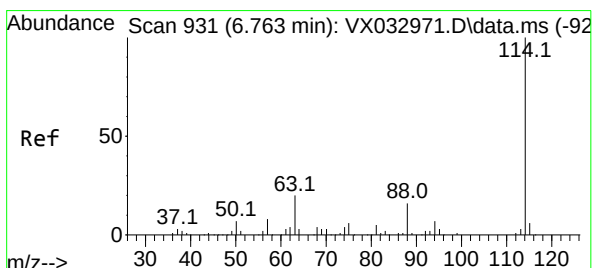
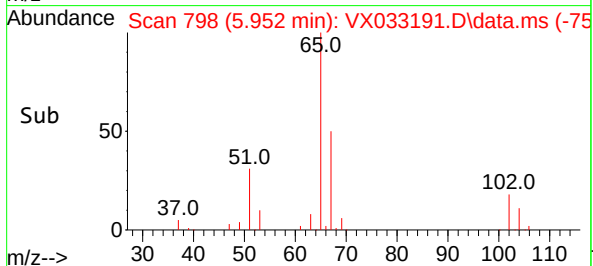
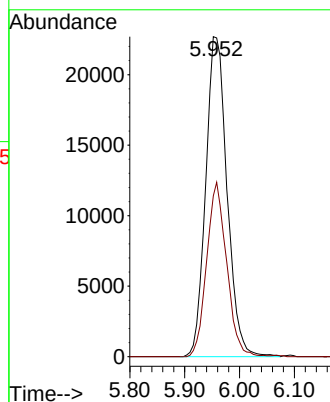
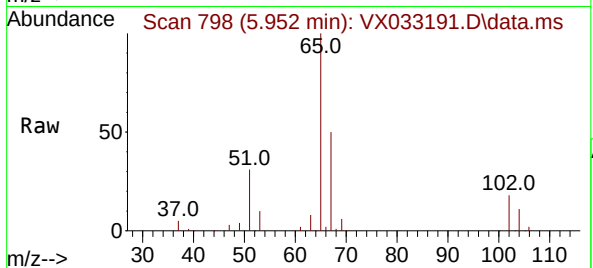
B-40-GW-01

Tgt Ion: 65 Resp: 61347

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033191.D

Acq: 02 Dec 2022 17:21

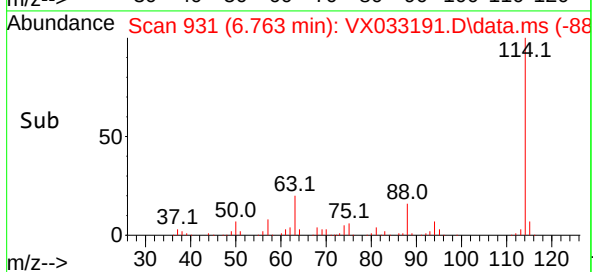
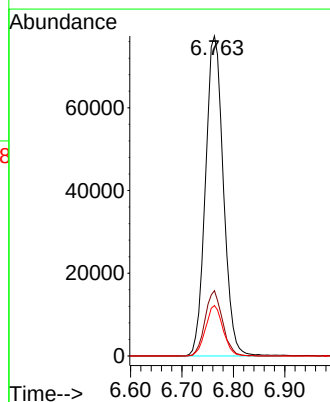
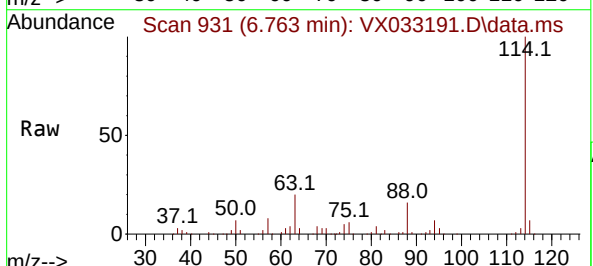
Tgt Ion: 114 Resp: 187302

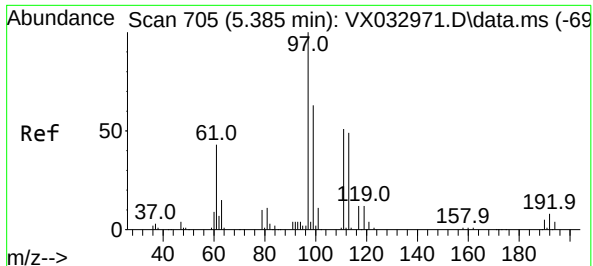
Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.6

88 15.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.177 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033191.D

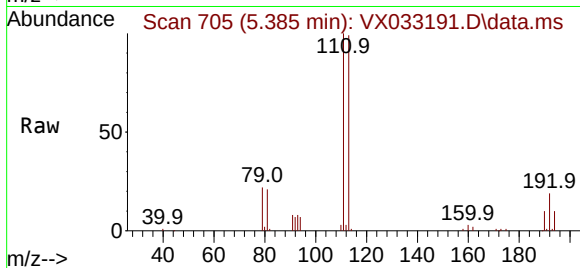
Acq: 02 Dec 2022 17:21

Instrument :

MSVOA_X

ClientSampleId :

B-40-GW-01



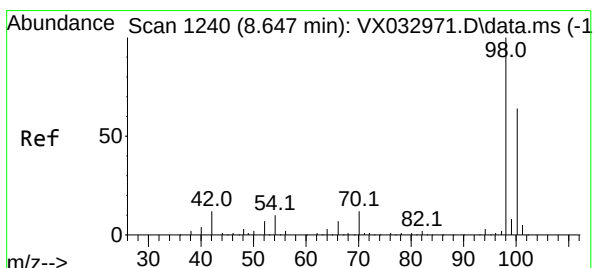
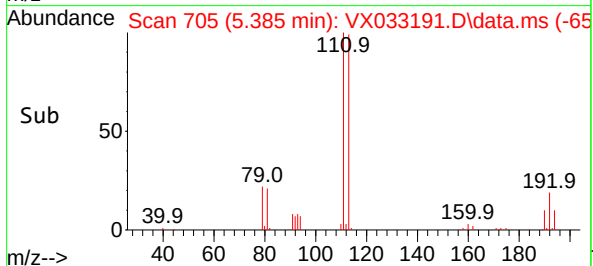
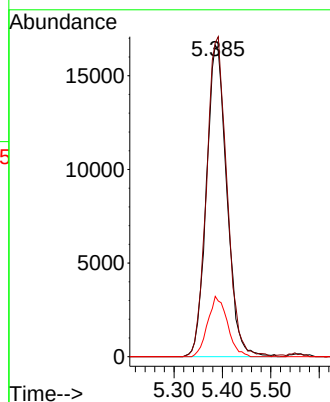
Tgt Ion:113 Resp: 48760

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

192 18.7 15.4 23.2



#50

Toluene-d8

Concen: 50.668 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX033191.D

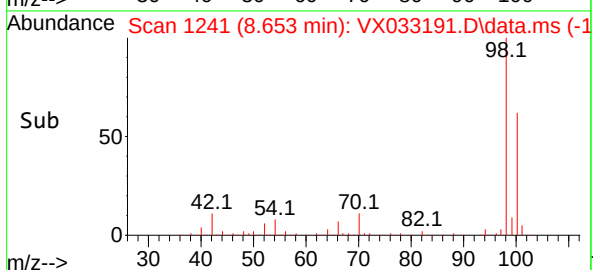
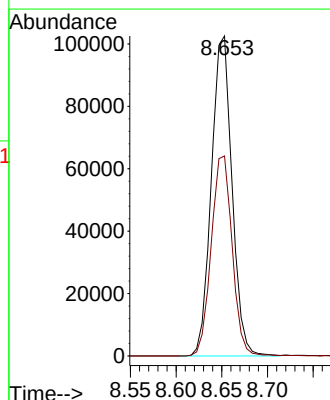
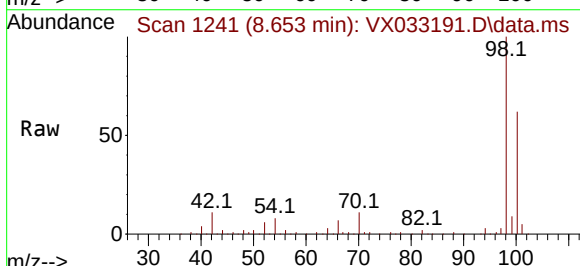
Acq: 02 Dec 2022 17:21

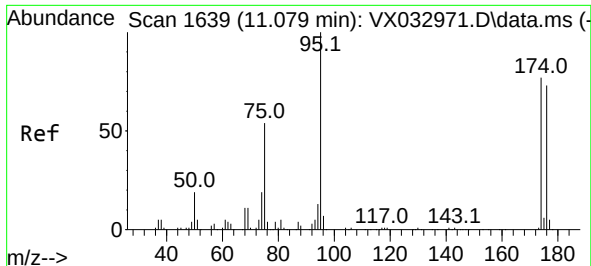
Tgt Ion: 98 Resp: 160886

Ion Ratio Lower Upper

98 100

100 63.5 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 42.666 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033191.D

Acq: 02 Dec 2022 17:21

Instrument :

MSVOA_X

ClientSampleId :

B-40-GW-01

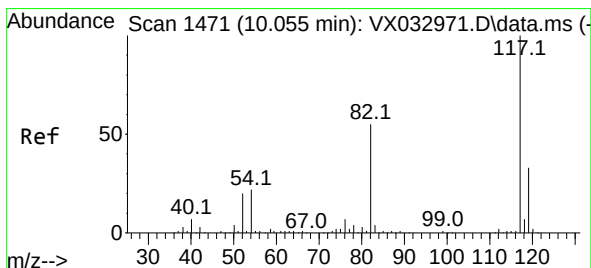
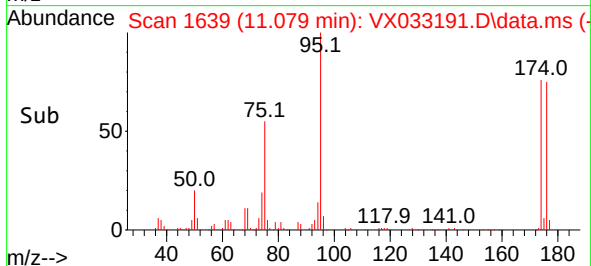
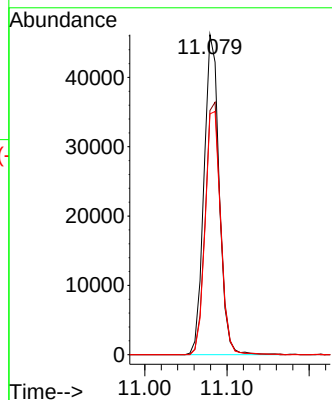
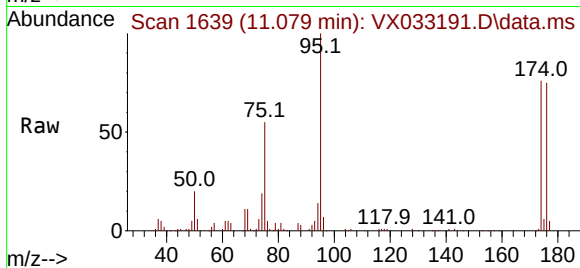
Tgt Ion: 95 Resp: 59181

Ion Ratio Lower Upper

95 100

174 80.3 0.0 164.0

176 77.8 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033191.D

Acq: 02 Dec 2022 17:21

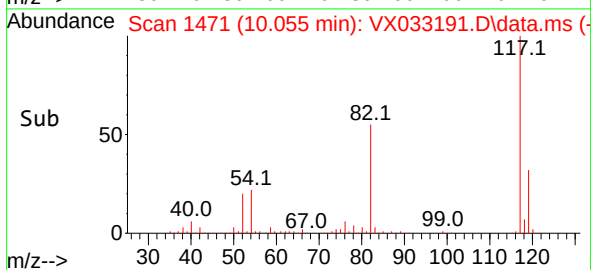
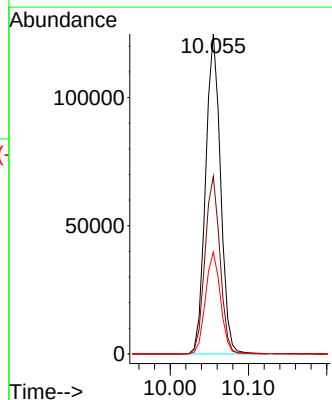
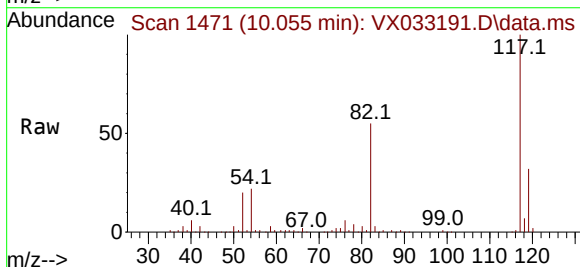
Tgt Ion: 117 Resp: 165191

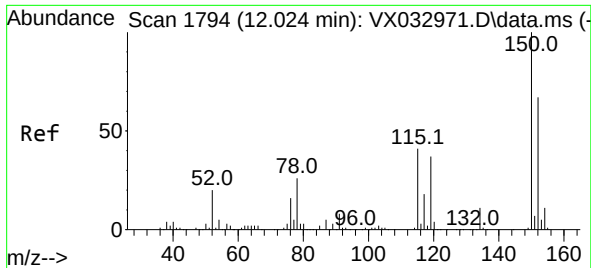
Ion Ratio Lower Upper

117 100

82 55.5 44.3 66.5

119 31.9 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033191.D

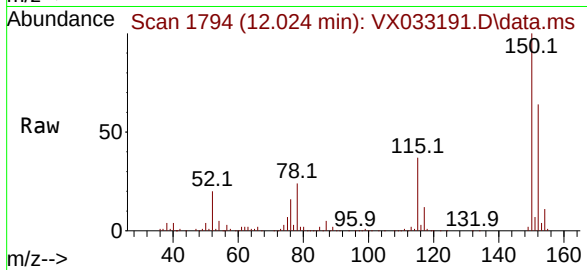
Acq: 02 Dec 2022 17:21

Instrument :

MSVOA_X

ClientSampleId :

B-40-GW-01



Tgt Ion:152 Resp: 75641

Ion Ratio Lower Upper

152 100

115 60.3 44.0 132.0

150 156.7 0.0 351.8

