

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021924\
 Data File : VX040335.D
 Acq On : 19 Feb 2024 16:58
 Operator : JC/MD
 Sample : P1440-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB020724GW

Quant Time: Feb 20 01:18:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

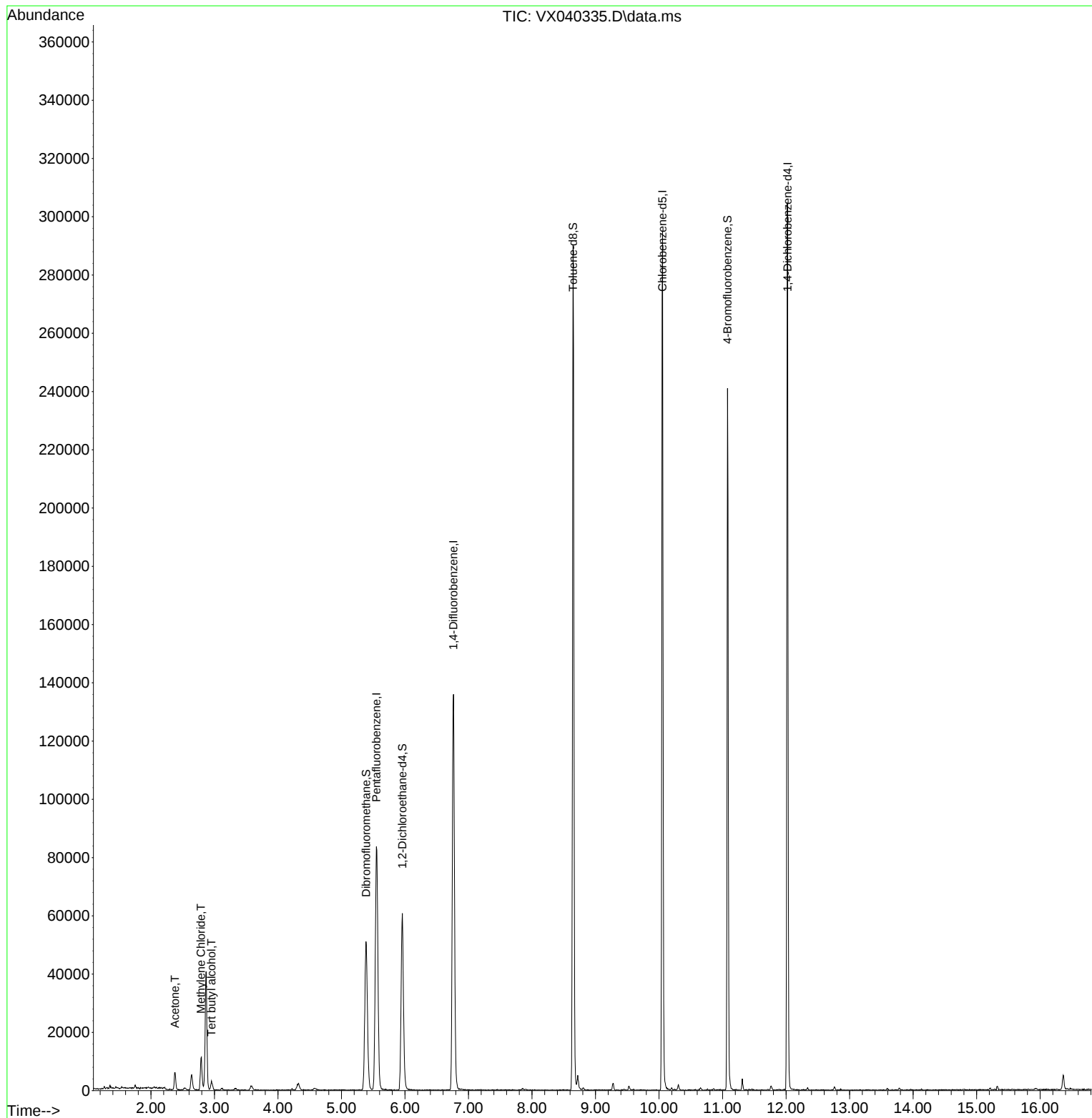
Internal Standards						
1) Pentafluorobenzene	5.550	168	76377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	135992	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57477	50.584	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.160%
35) Dibromofluoromethane	5.385	113	44249	46.593	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.180%
50) Toluene-d8	8.647	98	166813	46.956	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.920%
62) 4-Bromofluorobenzene	11.079	95	63180	43.607	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.220%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.953	59	2956	13.356	ug/l #	89
16) Acetone	2.380	43	6585	14.111	ug/l	99
20) Methylene Chloride	2.788	84	5220	4.516	ug/l #	94

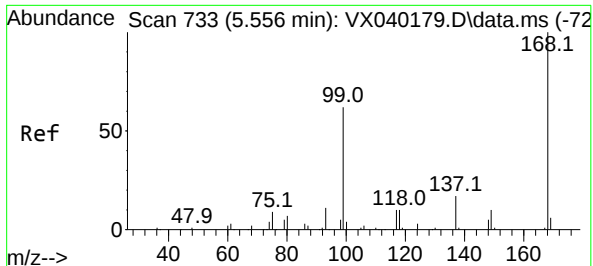
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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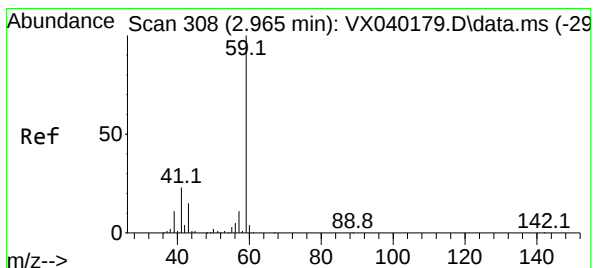
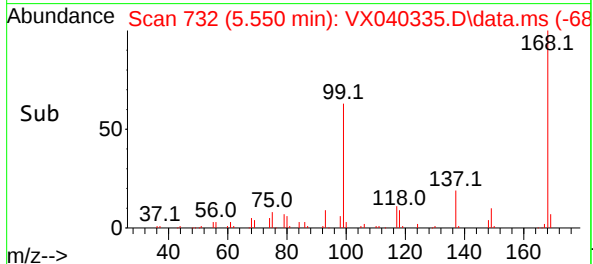
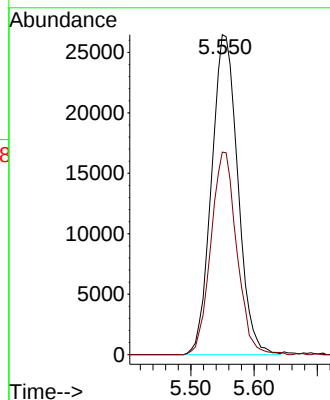
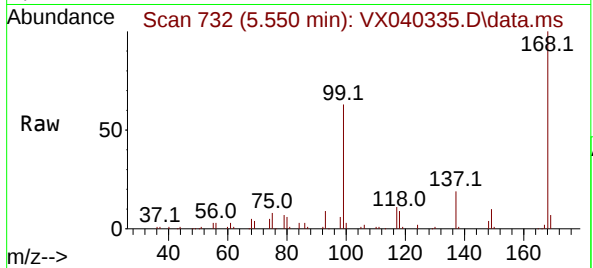




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040335.D
Acq: 19 Feb 2024 16:58

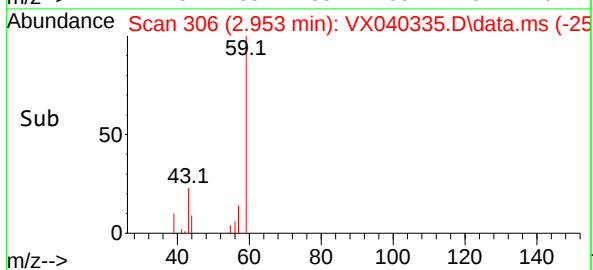
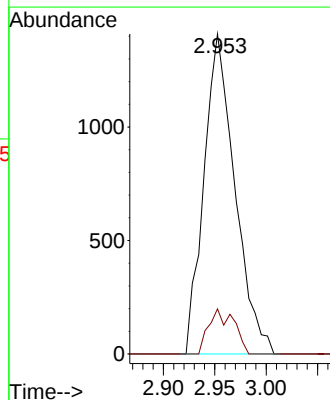
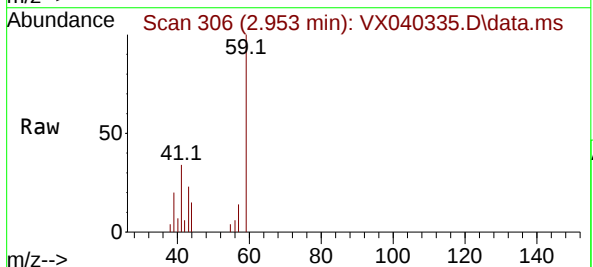
Instrument :
MSVOA_X
ClientSampleId :
FB020724GW

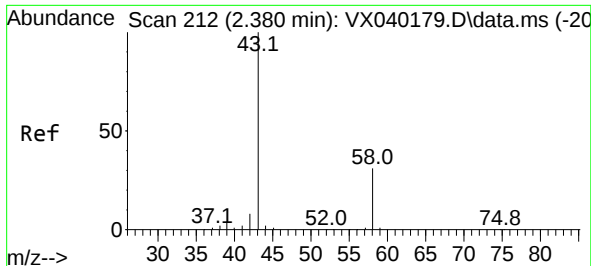
Tgt Ion:168 Resp: 76377
Ion Ratio Lower Upper
168 100
99 63.3 56.6 85.0



#11
Tert butyl alcohol
Concen: 13.356 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX040335.D
Acq: 19 Feb 2024 16:58

Tgt Ion: 59 Resp: 2956
Ion Ratio Lower Upper
59 100
57 11.5 6.0 9.0#

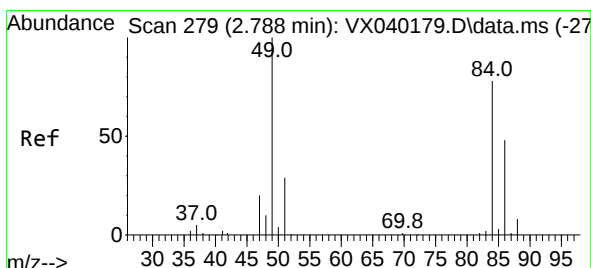
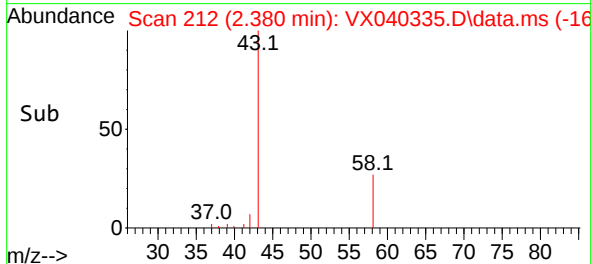
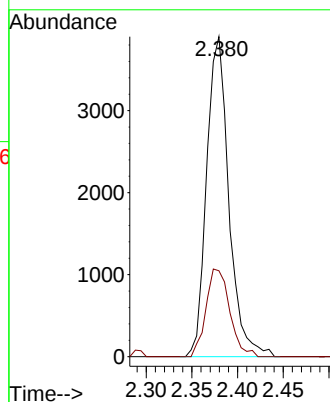
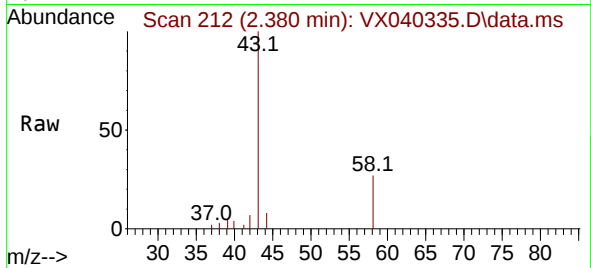




#16
Acetone
Concen: 14.111 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040335.D
Acq: 19 Feb 2024 16:58

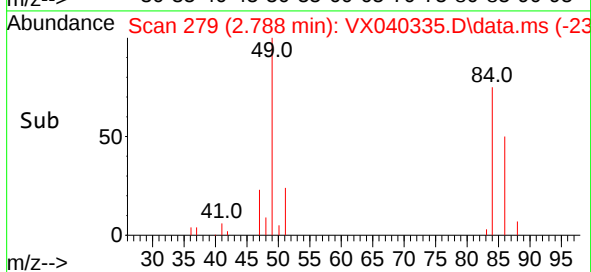
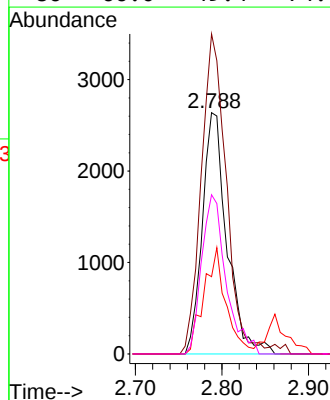
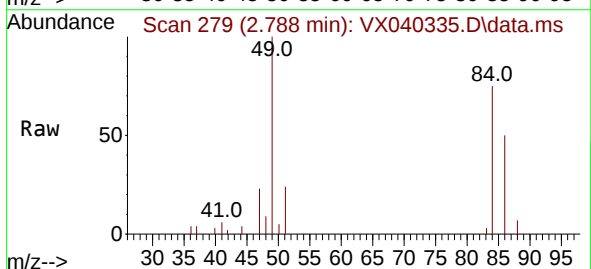
Instrument :
MSVOA_X
ClientSampleId :
FB020724GW

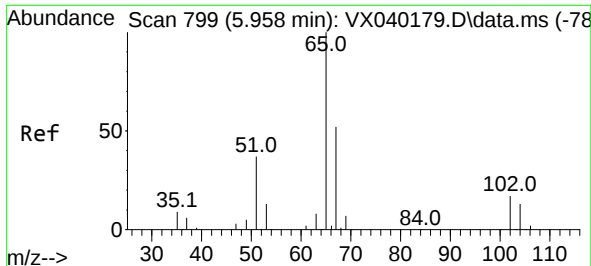
Tgt Ion: 43 Resp: 6585
Ion Ratio Lower Upper
43 100
58 26.8 21.9 32.9



#20
Methylene Chloride
Concen: 4.516 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040335.D
Acq: 19 Feb 2024 16:58

Tgt Ion: 84 Resp: 5220
Ion Ratio Lower Upper
84 100
49 132.6 103.6 155.4
51 32.0 33.8 50.6#
86 66.0 49.4 74.0

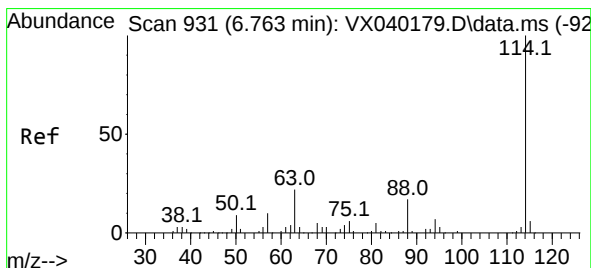
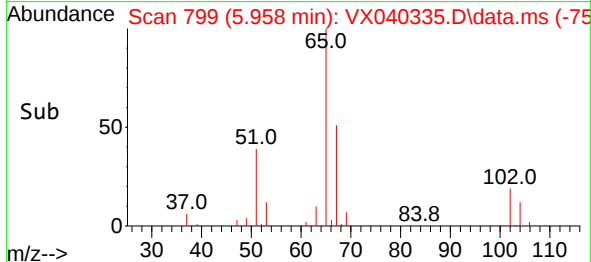
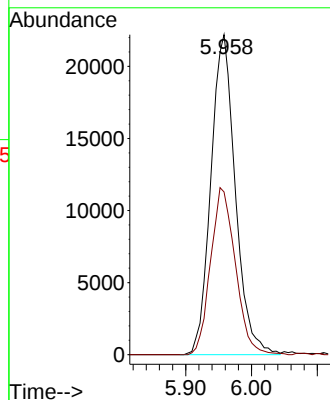
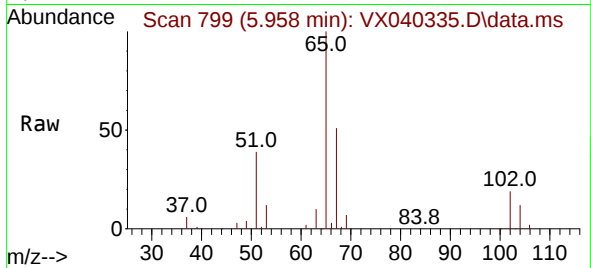




#33
1,2-Dichloroethane-d4
Concen: 50.584 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040335.D
Acq: 19 Feb 2024 16:58

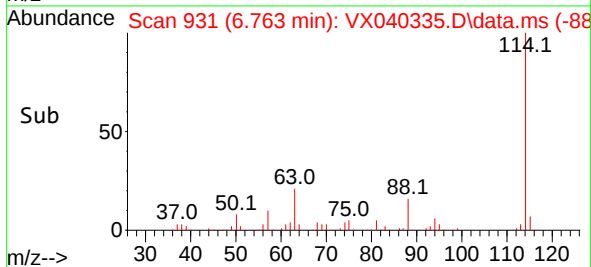
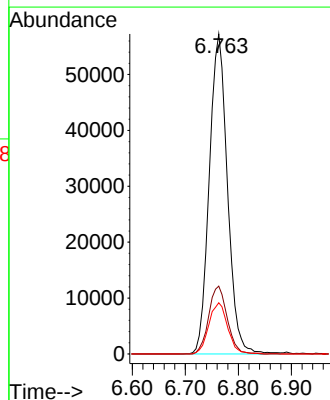
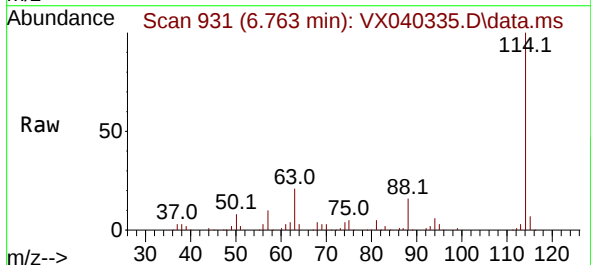
Instrument :
MSVOA_X
ClientSampleId :
FB020724GW

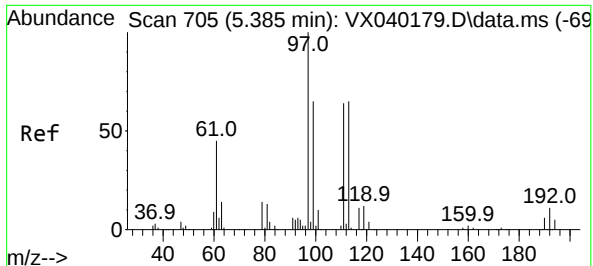
Tgt Ion: 65 Resp: 57477
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX040335.D
Acq: 19 Feb 2024 16:58

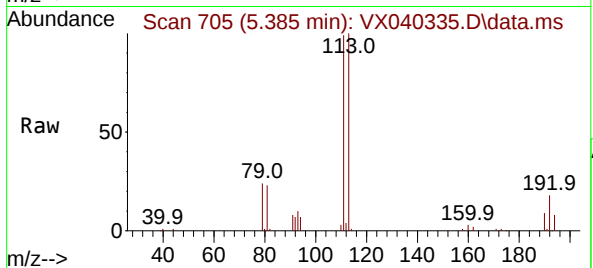
Tgt Ion: 114 Resp: 135992
Ion Ratio Lower Upper
114 100
63 21.2 0.0 45.0
88 16.0 0.0 36.6



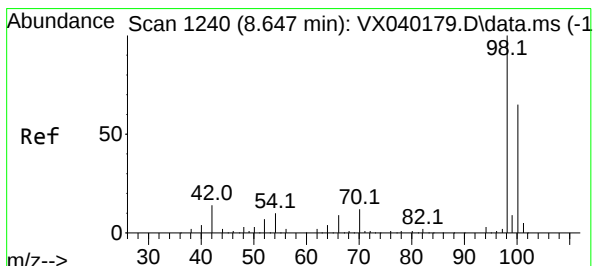
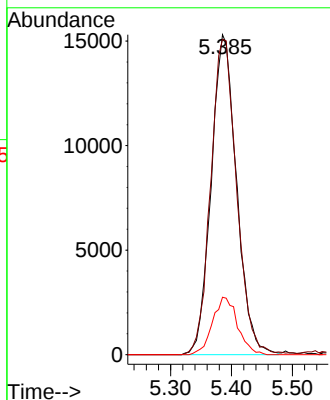
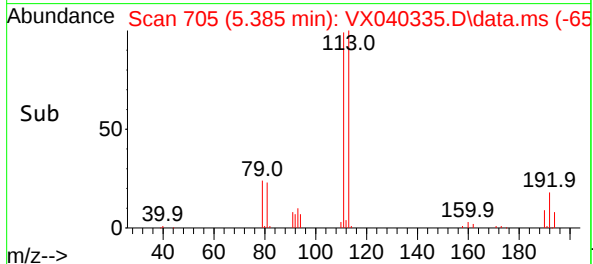


#35
Dibromofluoromethane
Concen: 46.593 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040335.D
Acq: 19 Feb 2024 16:58

Instrument :
MSVOA_X
ClientSampleId :
FB020724GW

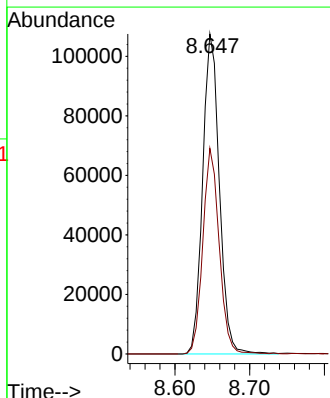
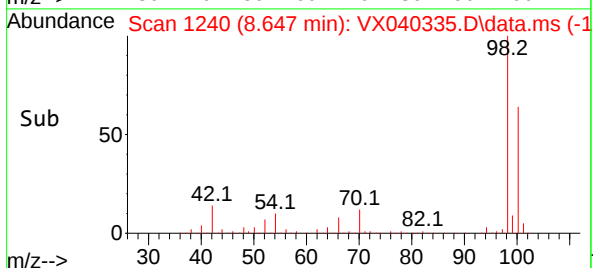
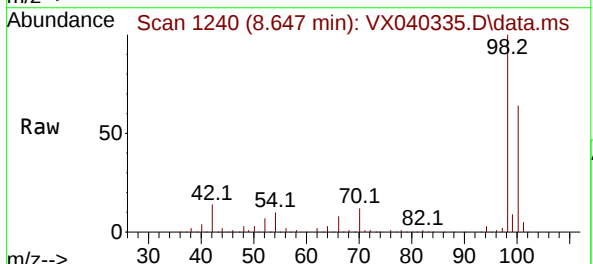


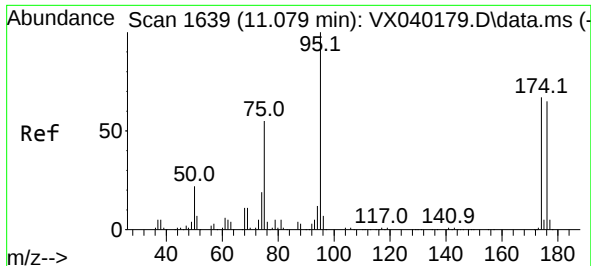
Tgt Ion:113 Resp: 44249
Ion Ratio Lower Upper
113 100
111 100.9 82.9 124.3
192 17.7 13.3 19.9



#50
Toluene-d8
Concen: 46.956 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040335.D
Acq: 19 Feb 2024 16:58

Tgt Ion: 98 Resp: 166813
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 43.607 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040335.D

Acq: 19 Feb 2024 16:58

Instrument :

MSVOA_X

ClientSampleId :

FB020724GW

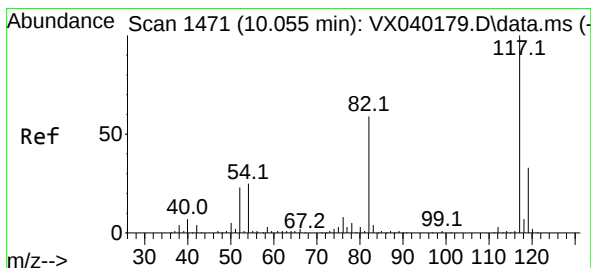
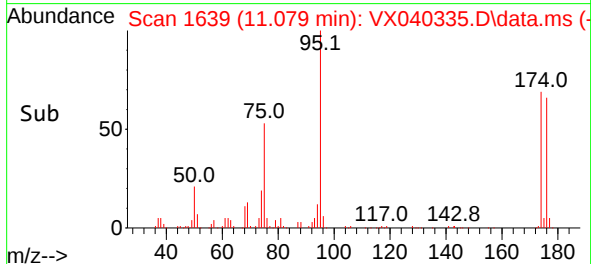
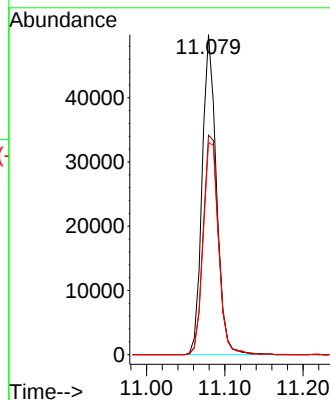
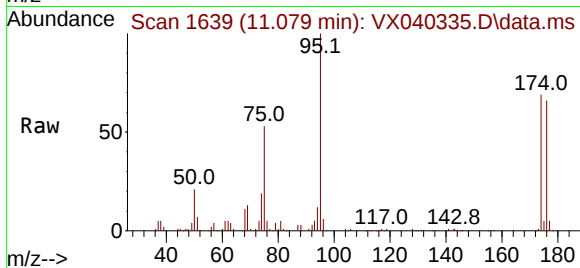
Tgt Ion: 95 Resp: 63180

Ion Ratio Lower Upper

95 100

174 73.6 0.0 135.6

176 71.7 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX040335.D

Acq: 19 Feb 2024 16:58

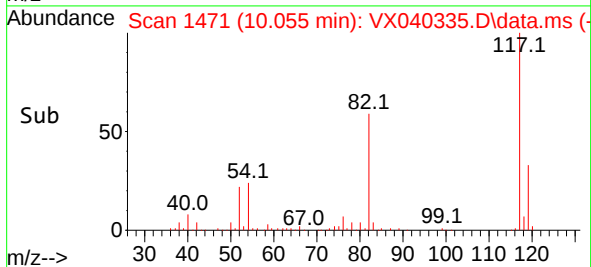
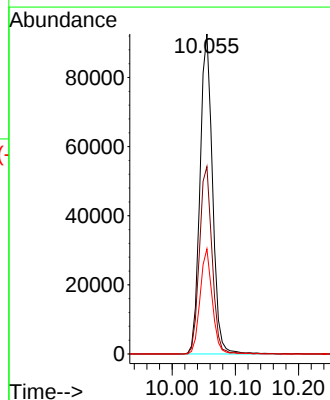
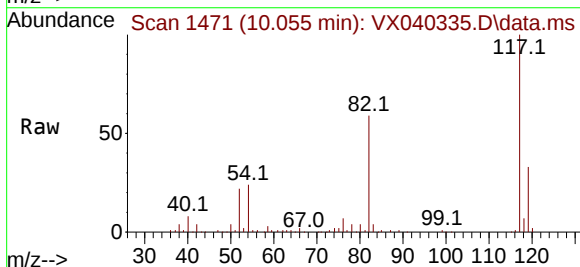
Tgt Ion: 117 Resp: 127499

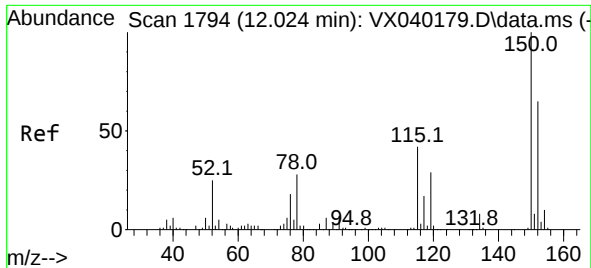
Ion Ratio Lower Upper

117 100

82 58.5 46.2 69.4

119 32.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040335.D

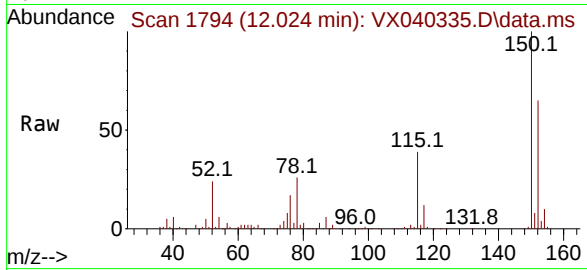
Acq: 19 Feb 2024 16:58

Instrument :

MSVOA_X

ClientSampleId :

FB020724GW



Tgt Ion:152 Resp: 63376

Ion Ratio Lower Upper

152 100

115 62.3 43.3 129.9

150 153.8 0.0 345.0

