

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050724\
 Data File : VX041401.D
 Acq On : 07 May 2024 13:08
 Operator : JC/MD
 Sample : P2393-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

Quant Time: May 08 01:59:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

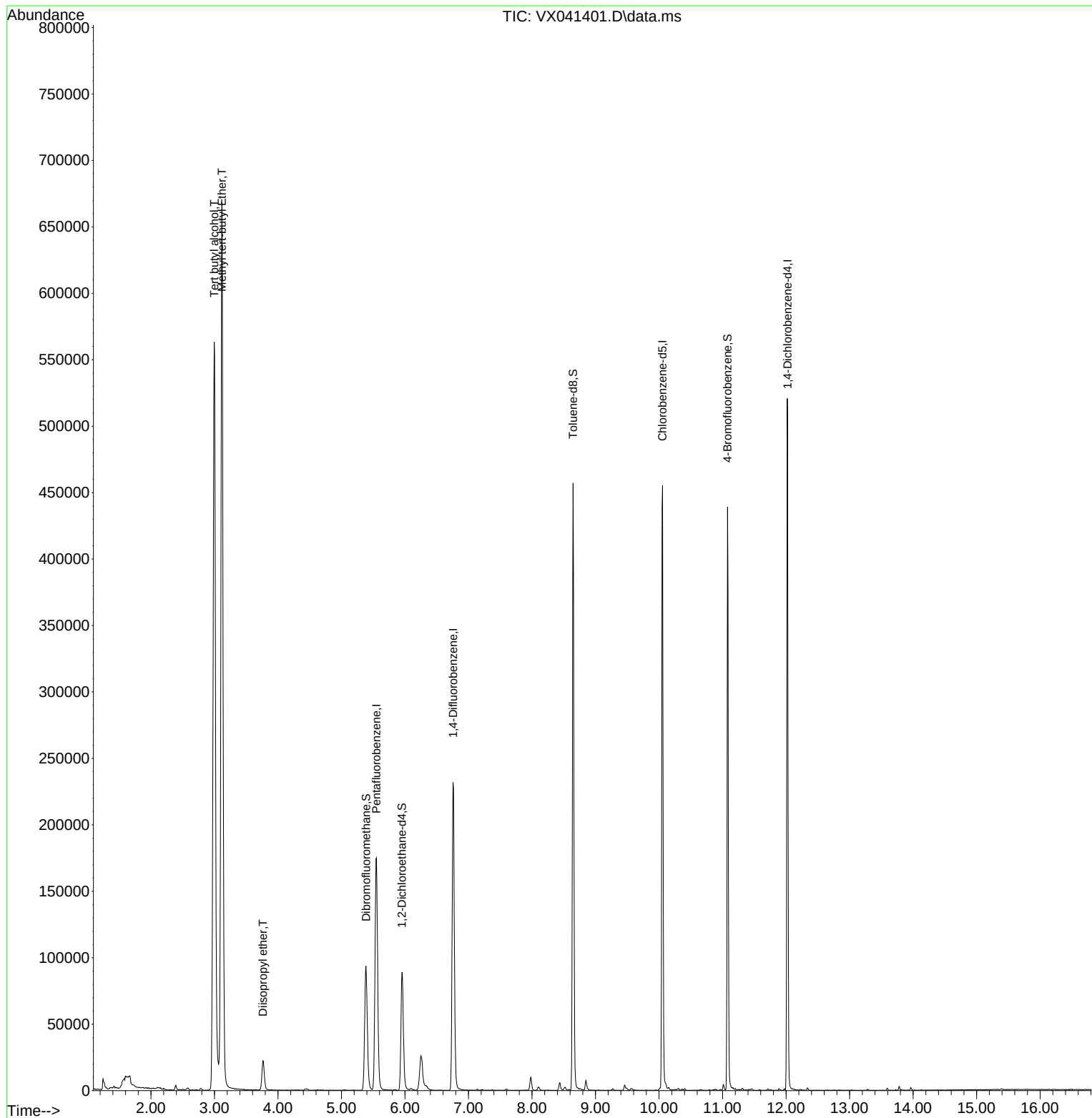
Internal Standards						
1) Pentafluorobenzene	5.550	168	189912	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	248351	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89302	43.194	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.380%
35) Dibromofluoromethane	5.385	113	80532	47.850	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.700%
50) Toluene-d8	8.647	98	270504	50.781	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.560%
62) 4-Bromofluorobenzene	11.079	95	105424	51.126	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.260%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.995	59	855121	2066.475	ug/l	# 92
19) Methyl tert-butyl Ether	3.117	73	732179	136.478	ug/l	100
22) Diisopropyl ether	3.763	45	24521	4.680	ug/l	# 70

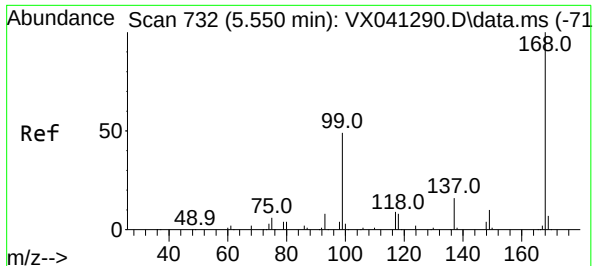
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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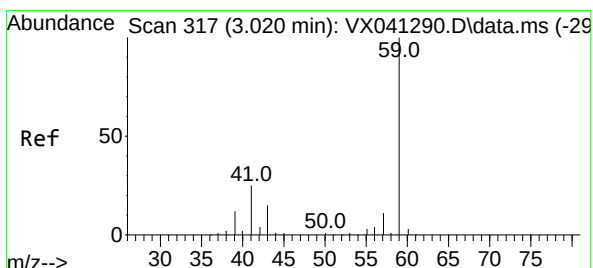
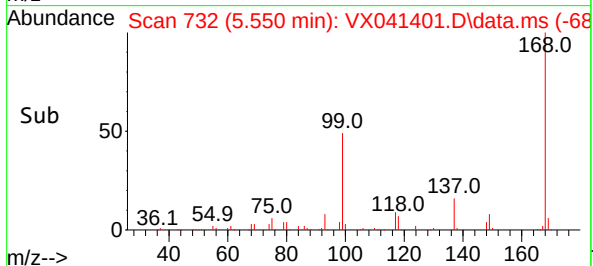
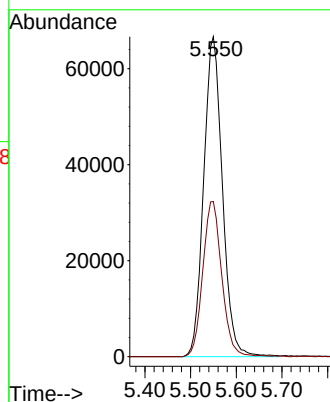
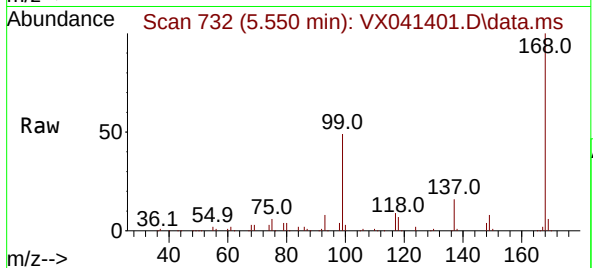




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041401.D
Acq: 07 May 2024 13:08

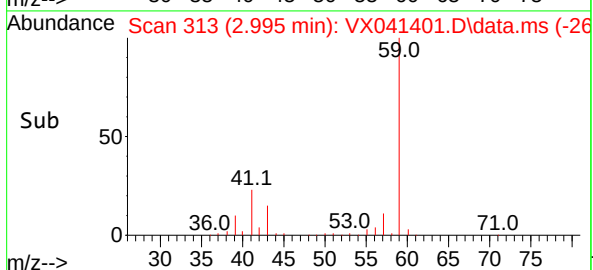
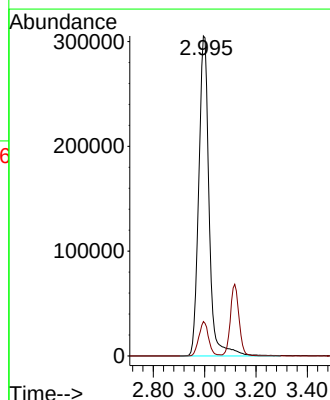
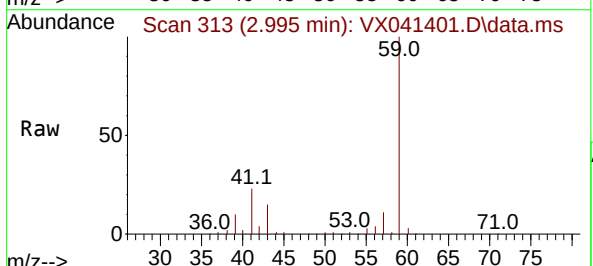
Instrument :
MSVOA_X
ClientSampleId :
MW-7

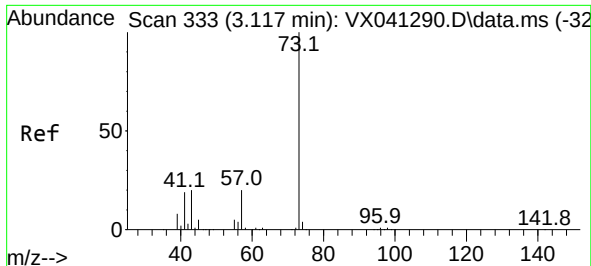
Tgt Ion:168 Resp: 189912
Ion Ratio Lower Upper
168 100
99 48.5 56.6 85.0#



#11
Tert butyl alcohol
Concen: 2066.475 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.024 min
Lab File: VX041401.D
Acq: 07 May 2024 13:08

Tgt Ion: 59 Resp: 855121
Ion Ratio Lower Upper
59 100
57 10.2 6.0 9.0#

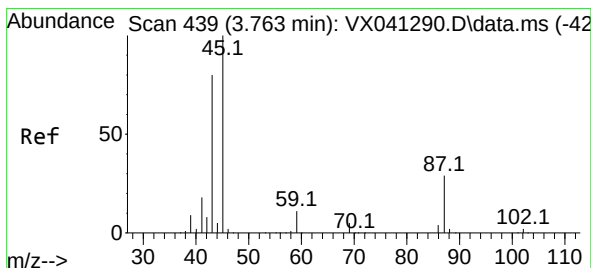
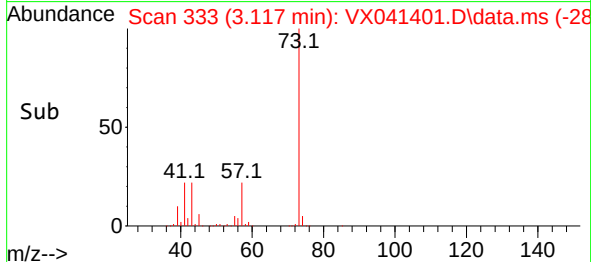
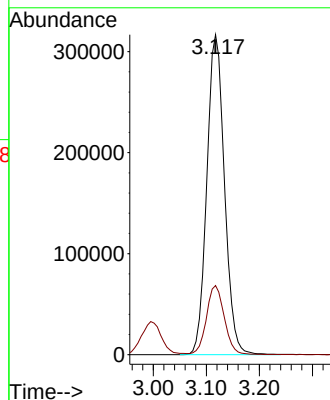
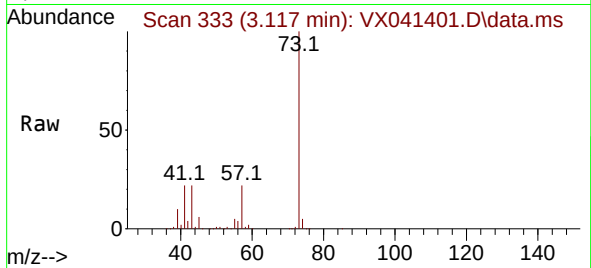




#19
Methyl tert-butyl Ether
Concen: 136.478 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX041401.D
Acq: 07 May 2024 13:08

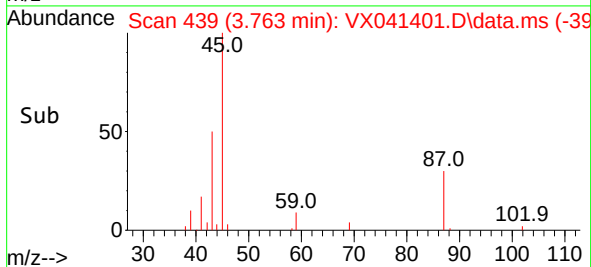
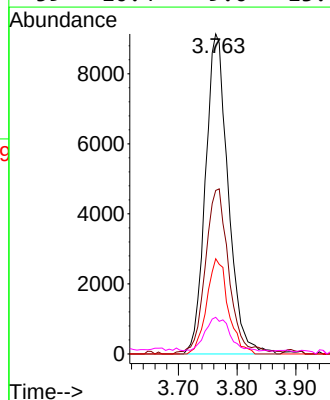
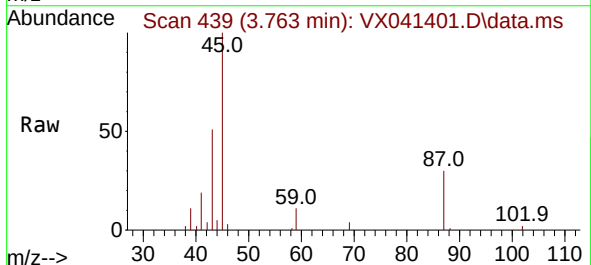
Instrument :
MSVOA_X
ClientSampleId :
MW-7

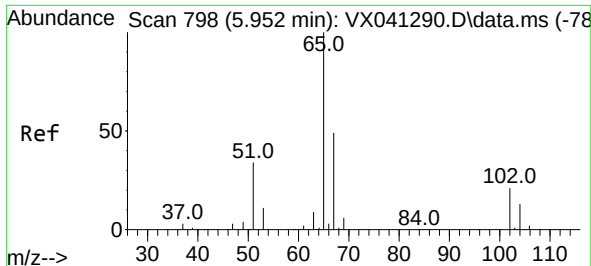
Tgt Ion: 73 Resp: 732179
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#22
Diisopropyl ether
Concen: 4.680 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX041401.D
Acq: 07 May 2024 13:08

Tgt Ion: 45 Resp: 24521
Ion Ratio Lower Upper
45 100
43 50.4 69.7 104.5#
87 29.8 20.8 31.2
59 10.4 9.0 13.4





#33

1,2-Dichloroethane-d4

Concen: 43.194 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX041401.D

Acq: 07 May 2024 13:08

Instrument :

MSVOA_X

ClientSampleId :

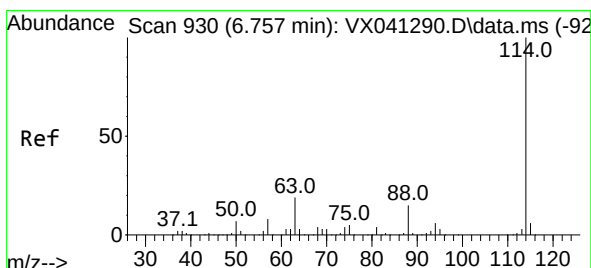
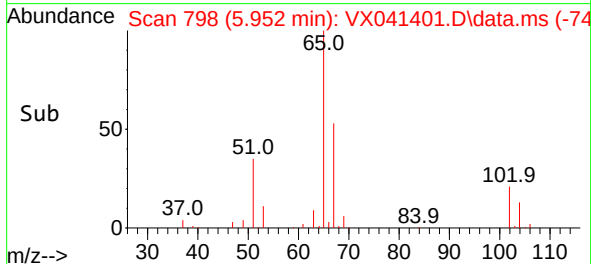
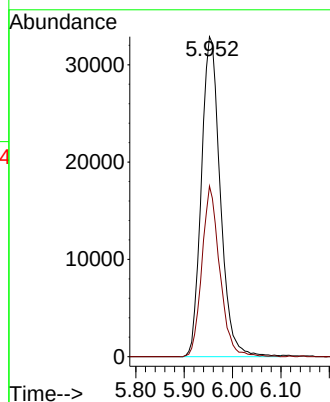
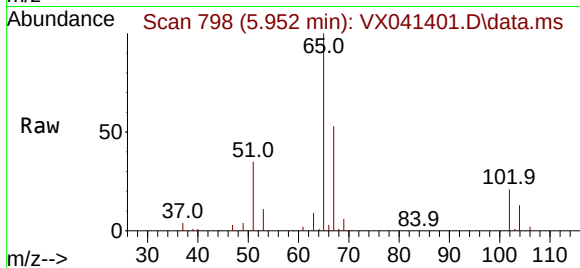
MW-7

Tgt Ion: 65 Resp: 89302

Ion Ratio Lower Upper

65 100

67 50.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX041401.D

Acq: 07 May 2024 13:08

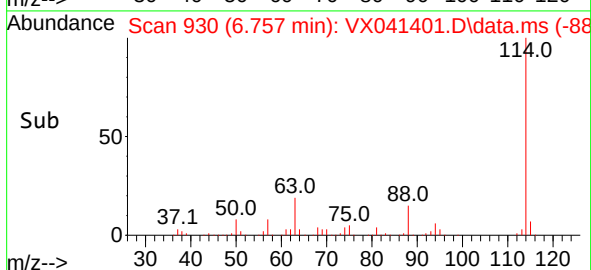
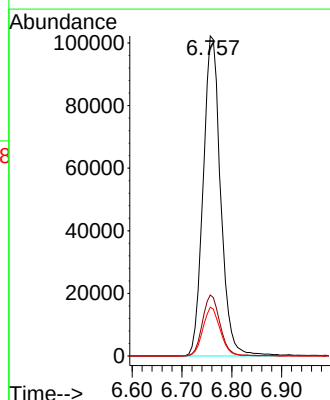
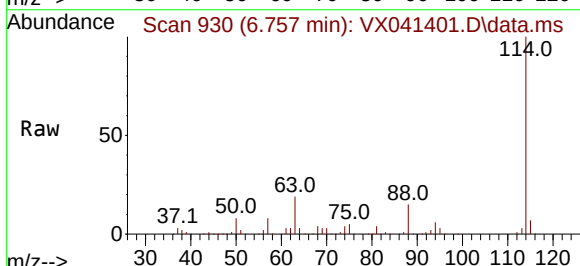
Tgt Ion: 114 Resp: 248351

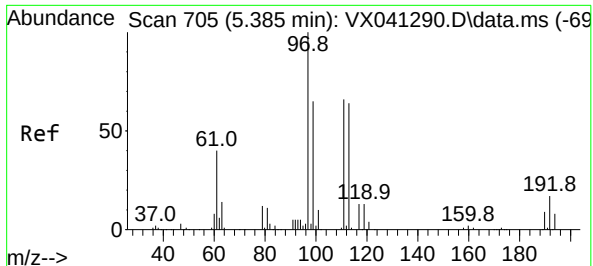
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

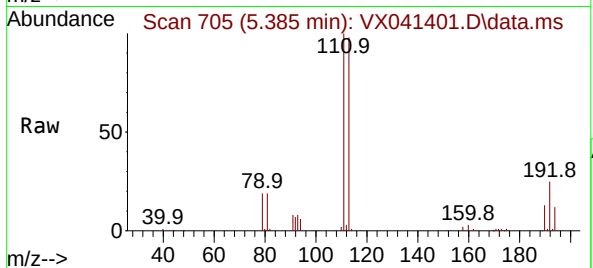
88 15.2 0.0 36.6



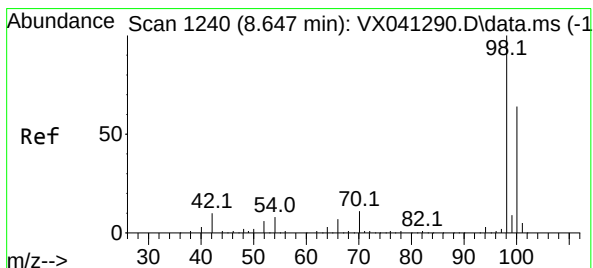
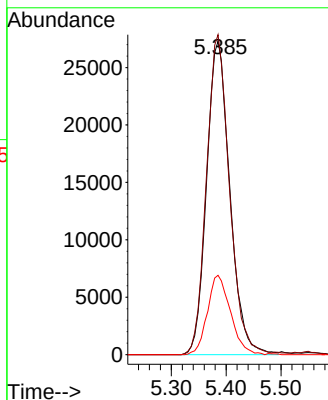
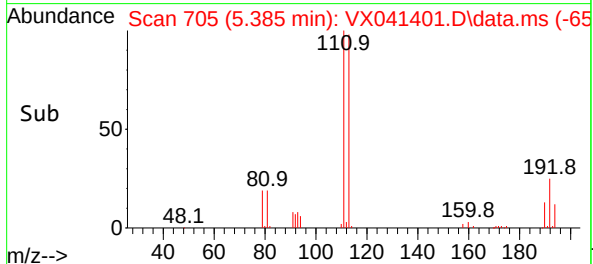


#35
Dibromofluoromethane
Concen: 47.850 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041401.D
Acq: 07 May 2024 13:08

Instrument :
MSVOA_X
ClientSampleId :
MW-7

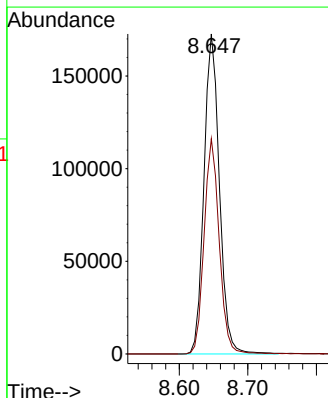
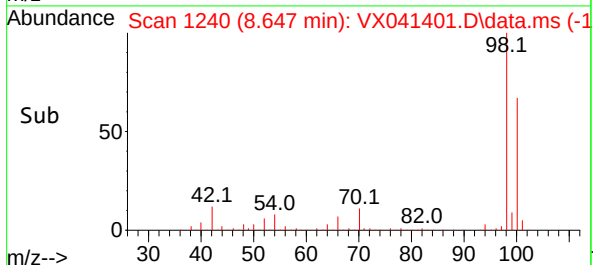
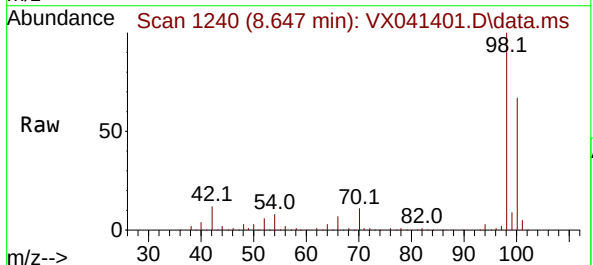


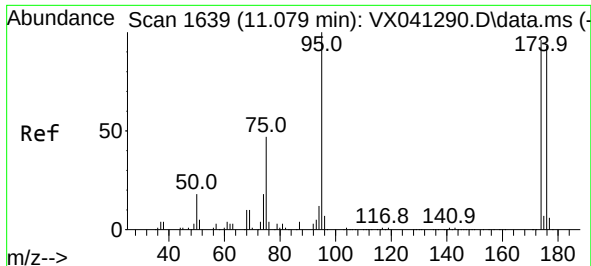
Tgt Ion:113 Resp: 80532
Ion Ratio Lower Upper
113 100
111 100.8 82.9 124.3
192 25.1 13.3 19.9#



#50
Toluene-d8
Concen: 50.781 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041401.D
Acq: 07 May 2024 13:08

Tgt Ion: 98 Resp: 270504
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 51.126 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041401.D

Acq: 07 May 2024 13:08

Instrument :

MSVOA_X

ClientSampleId :

MW-7

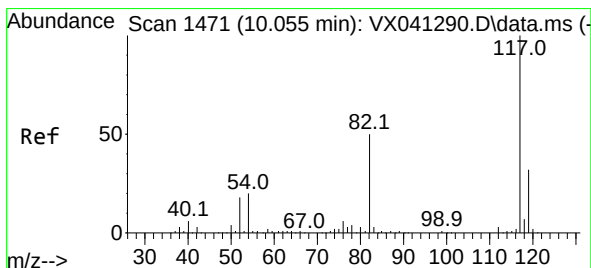
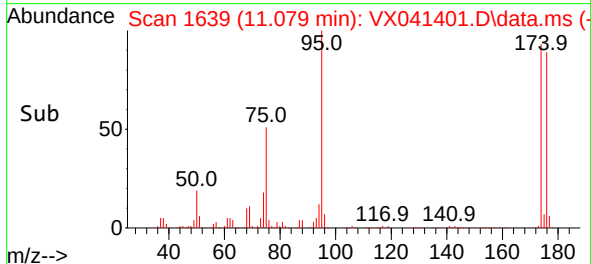
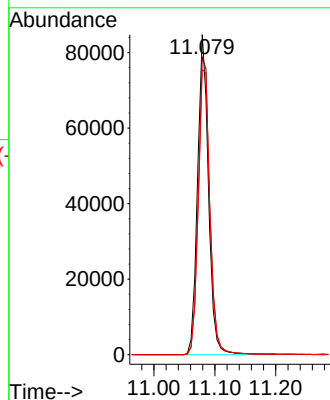
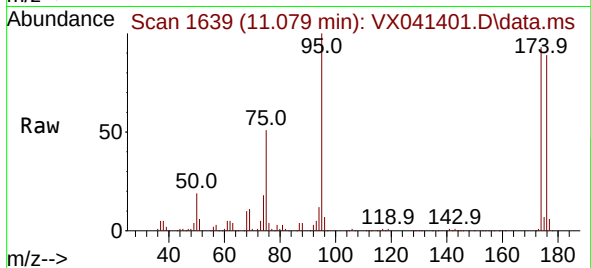
Tgt Ion: 95 Resp: 105424

Ion Ratio Lower Upper

95 100

174 98.1 0.0 135.6

176 95.0 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: VX041401.D

Acq: 07 May 2024 13:08

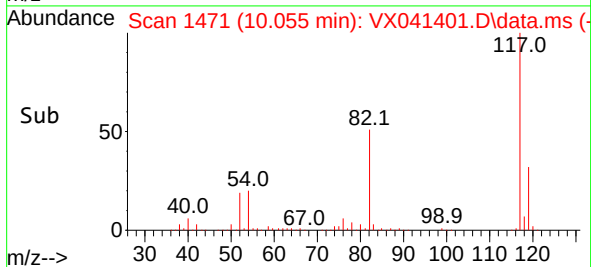
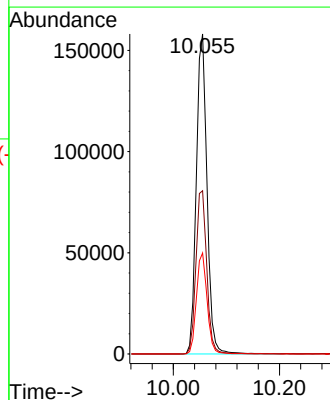
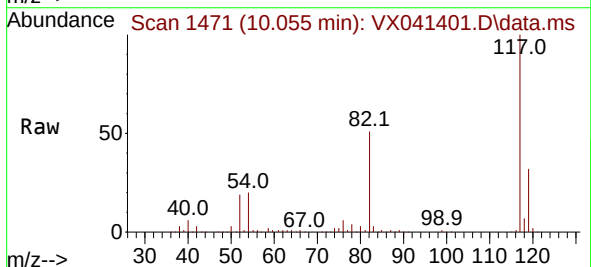
Tgt Ion: 117 Resp: 220514

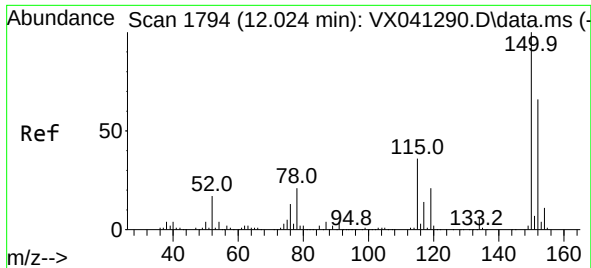
Ion Ratio Lower Upper

117 100

82 51.0 46.2 69.4

119 31.5 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: VX041401.D
 Acq: 07 May 2024 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

Tgt Ion:152 Resp: 117747
 Ion Ratio Lower Upper
 152 100
 115 53.8 43.3 129.9
 150 158.0 0.0 345.0

