

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX026973.D
 Acq On : 11 Feb 2022 17:38
 Operator : JC/MD
 Sample : N1446-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-137A

Quant Time: Feb 12 04:32:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

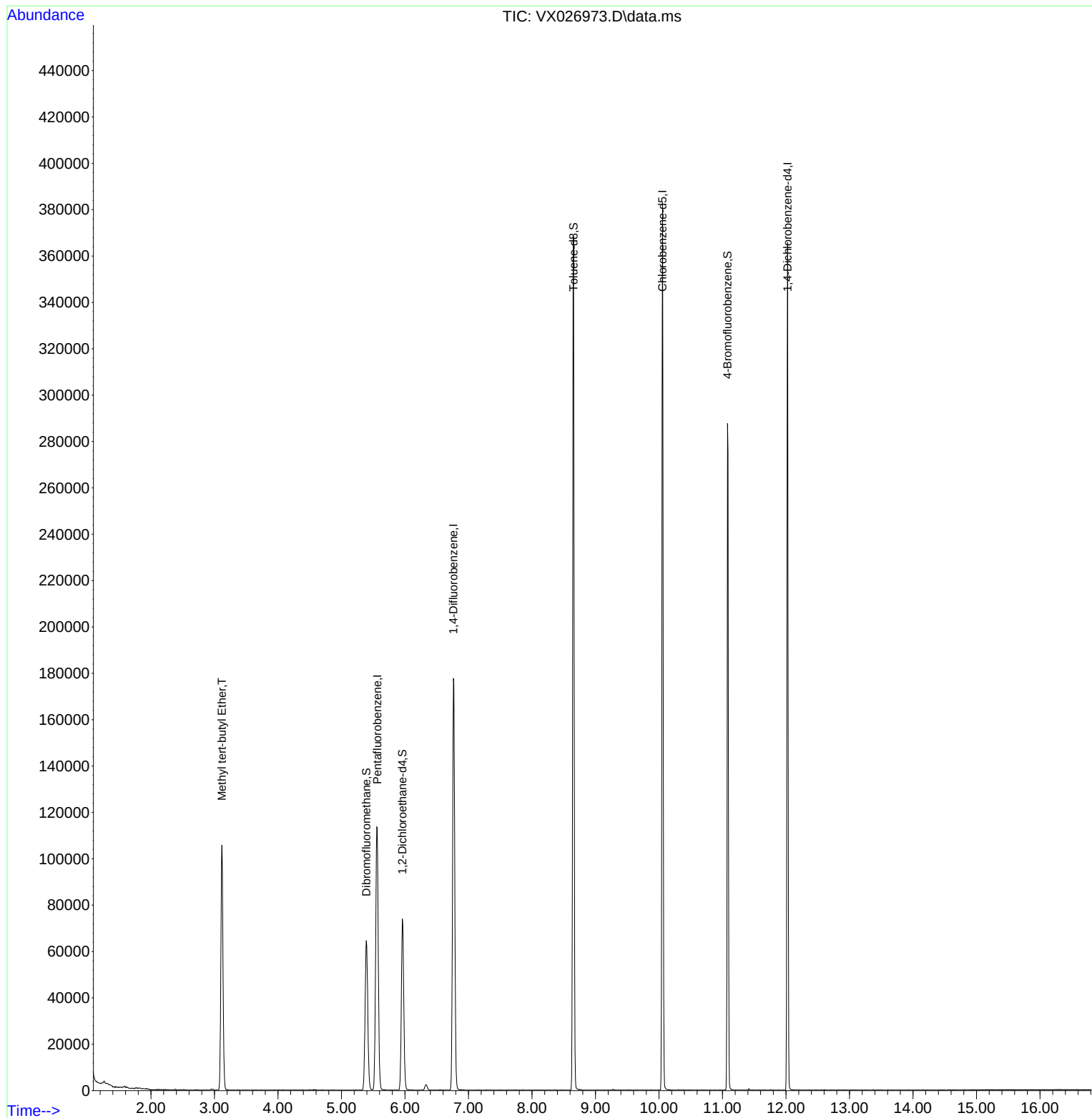
Internal Standards						
1) Pentafluorobenzene	5.562	168	107966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183032	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70430	54.343	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.680%	
35) Dibromofluoromethane	5.391	113	57864	53.064	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.120%	
50) Toluene-d8	8.653	98	213558	53.352	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.700%	
62) 4-Bromofluorobenzene	11.079	95	79506	56.417	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.840%	
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	3.117	73	113659	29.061	ug/l	98

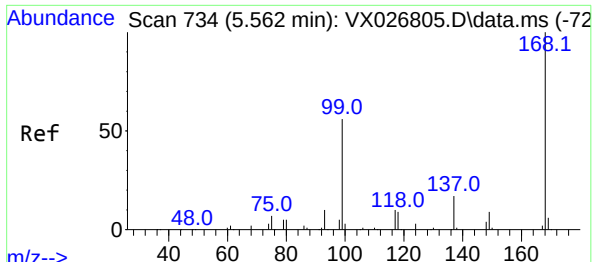
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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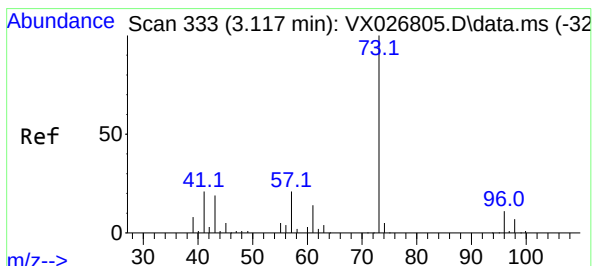
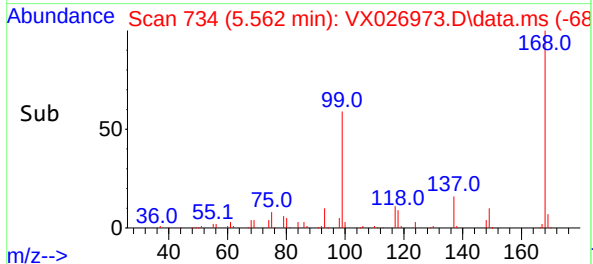
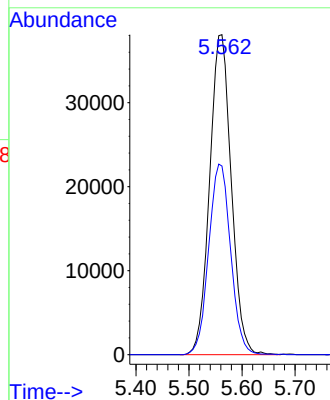
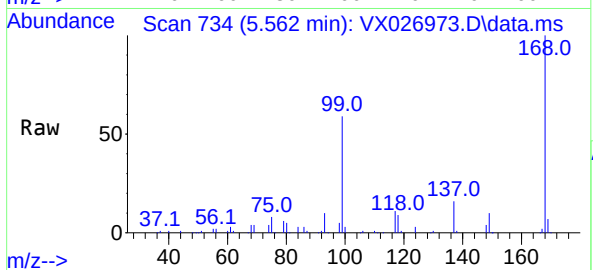




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX026973.D
Acq: 11 Feb 2022 17:38

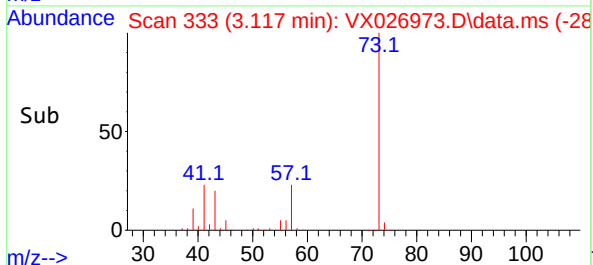
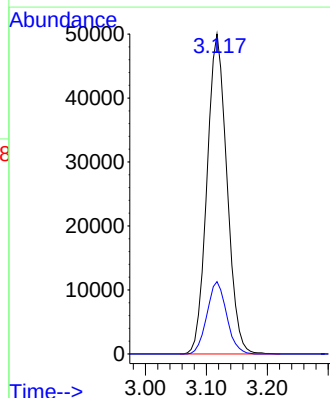
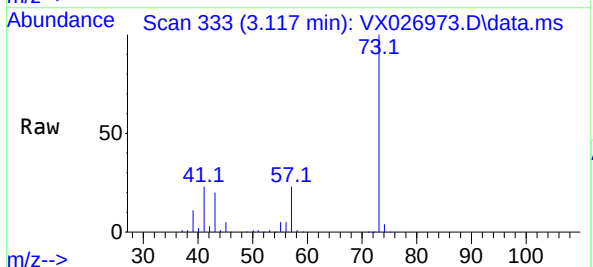
Instrument :
MSVOA_X
ClientSampleId :
MW-137A

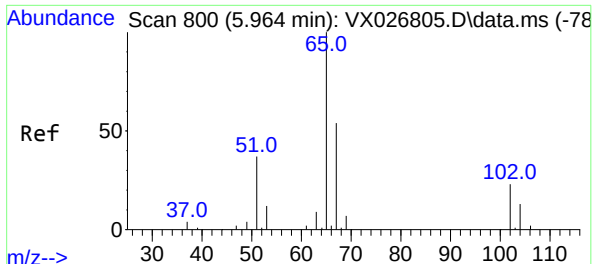
Tgt Ion:168 Resp: 107966
Ion Ratio Lower Upper
168 100
99 58.9 50.3 75.5



#19
Methyl tert-butyl Ether
Concen: 29.061 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX026973.D
Acq: 11 Feb 2022 17:38

Tgt Ion: 73 Resp: 113659
Ion Ratio Lower Upper
73 100
57 22.6 17.4 26.2





#33

1,2-Dichloroethane-d4

Concen: 54.343 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026973.D

Acq: 11 Feb 2022 17:38

Instrument :

MSVOA_X

ClientSampleId :

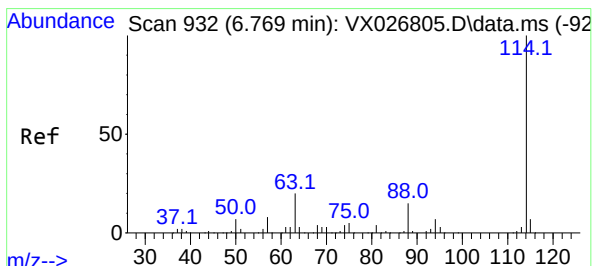
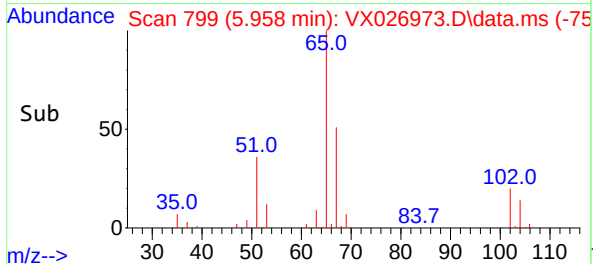
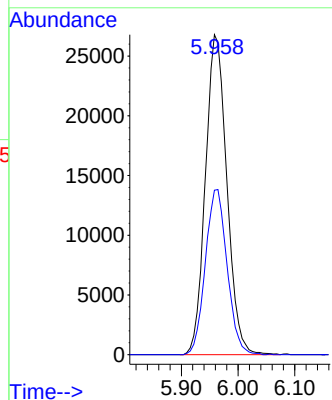
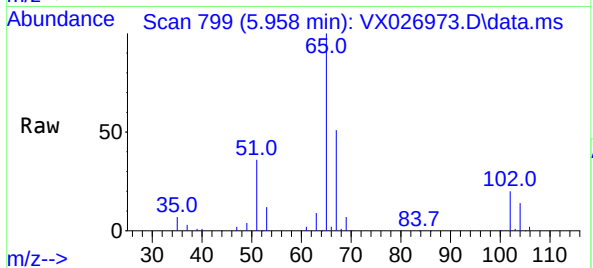
MW-137A

Tgt Ion: 65 Resp: 70430

Ion Ratio Lower Upper

65 100

67 52.3 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026973.D

Acq: 11 Feb 2022 17:38

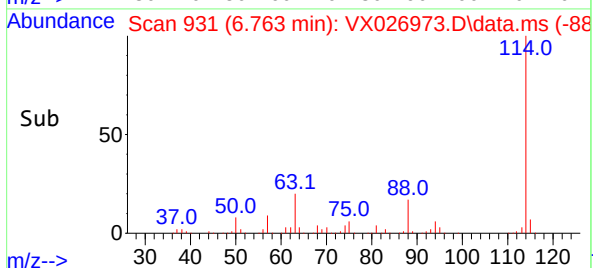
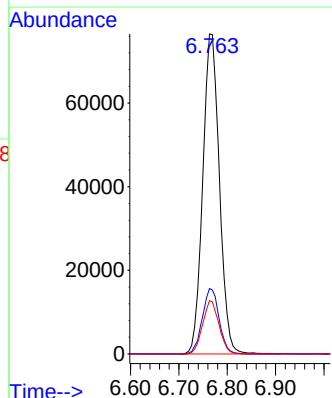
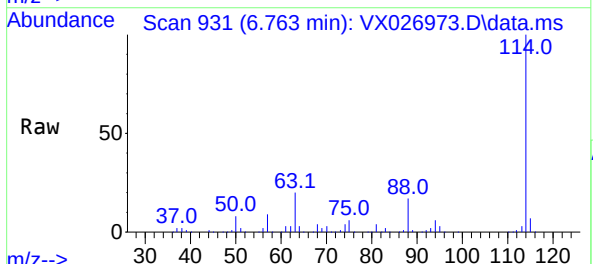
Tgt Ion: 114 Resp: 183032

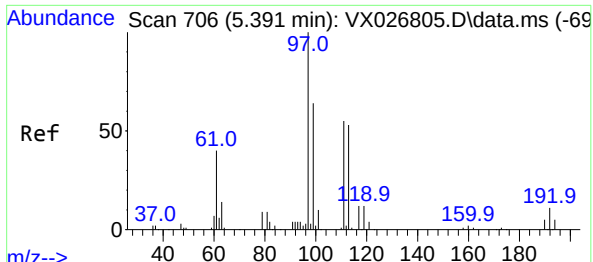
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

88 16.6 0.0 33.0



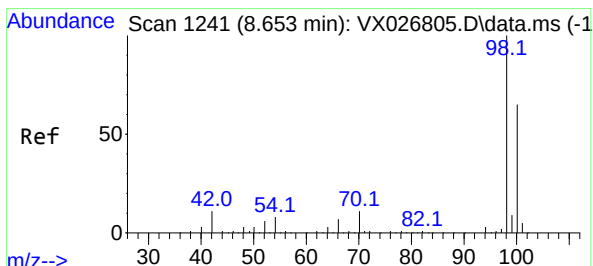
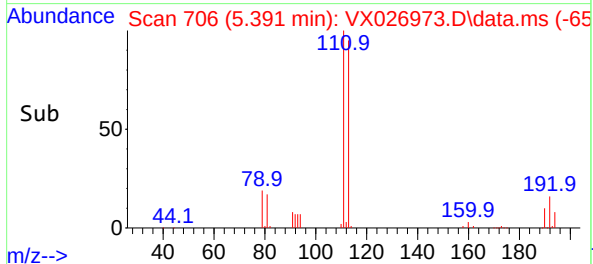
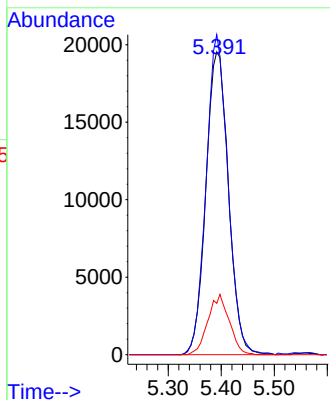
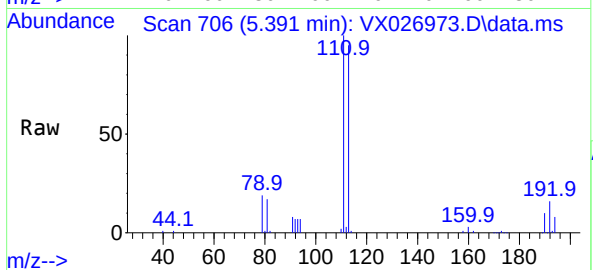


#35
 Dibromofluoromethane
 Concen: 53.064 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VX026973.D
 Acq: 11 Feb 2022 17:38

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-137A

Tgt Ion:113 Resp: 57864

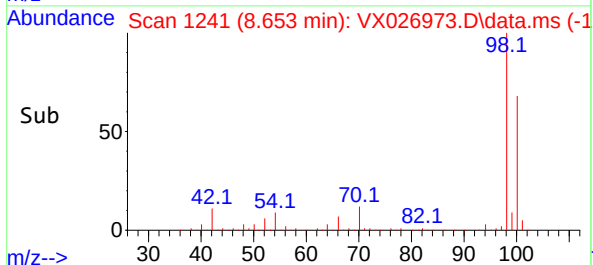
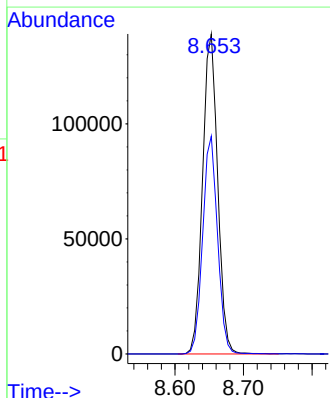
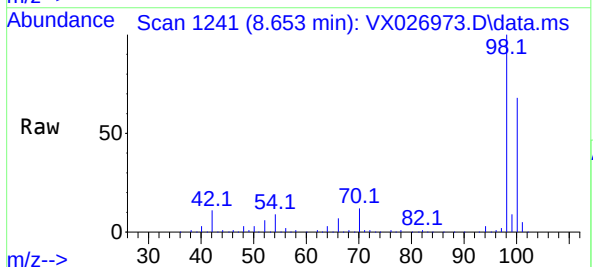
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.2	121.8
192	18.8	15.0	22.4

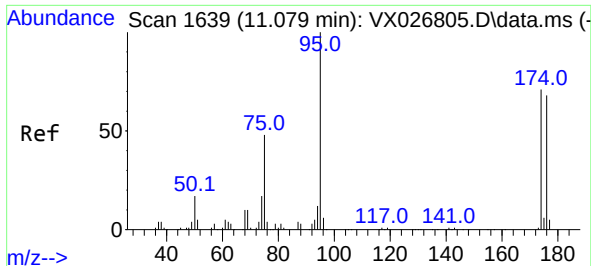


#50
 Toluene-d8
 Concen: 53.352 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.000 min
 Lab File: VX026973.D
 Acq: 11 Feb 2022 17:38

Tgt Ion: 98 Resp: 213558

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.2	79.8

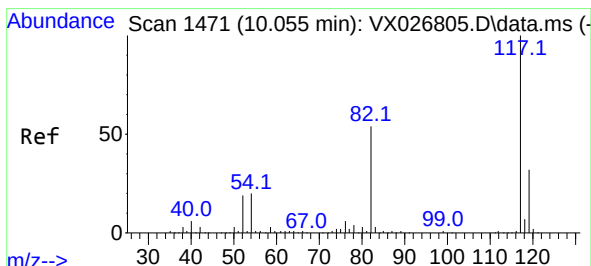
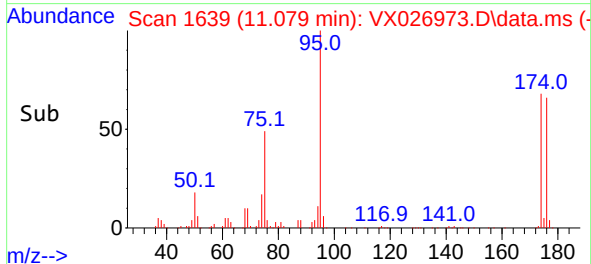
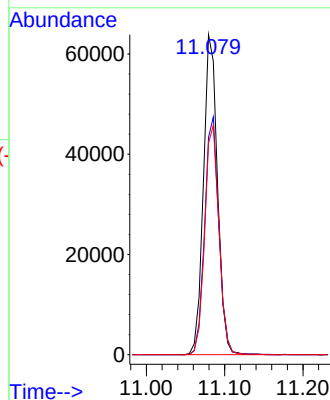
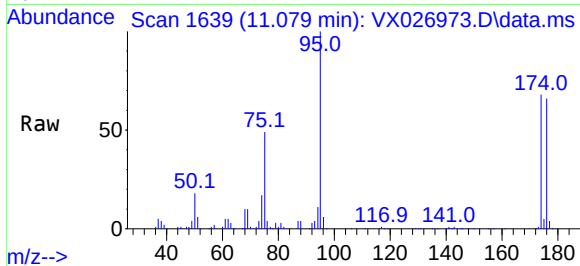




#62
4-Bromofluorobenzene
Concen: 56.417 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026973.D
Acq: 11 Feb 2022 17:38

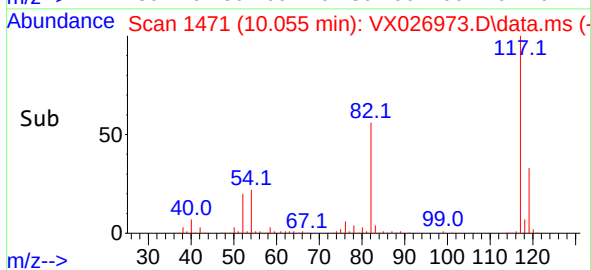
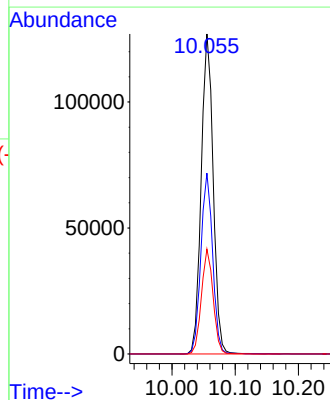
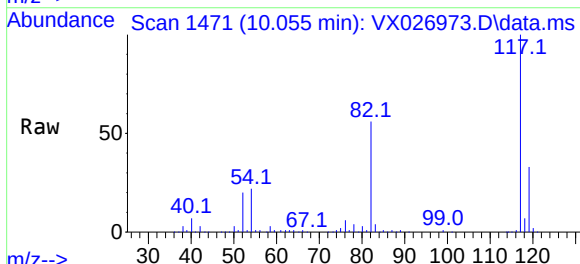
Instrument :
MSVOA_X
ClientSampleId :
MW-137A

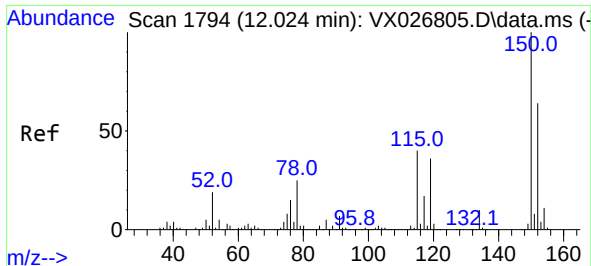
Tgt Ion: 95 Resp: 79506
Ion Ratio Lower Upper
95 100
174 75.0 0.0 148.6
176 72.5 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026973.D
Acq: 11 Feb 2022 17:38

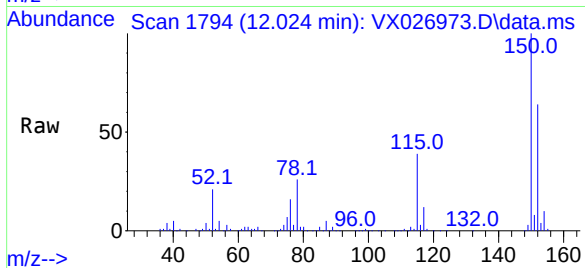
Tgt Ion: 117 Resp: 167426
Ion Ratio Lower Upper
117 100
82 56.5 45.2 67.8
119 32.8 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026973.D
 Acq: 11 Feb 2022 17:38

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-137A



Tgt Ion:152 Resp: 72337
 Ion Ratio Lower Upper
 152 100
 115 60.6 44.2 132.6
 150 155.9 0.0 348.2

