

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032122\
 Data File : VX027591.D
 Acq On : 21 Mar 2022 17:12
 Operator : JC/MD
 Sample : N1998-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-139

Quant Time: Mar 22 05:48:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

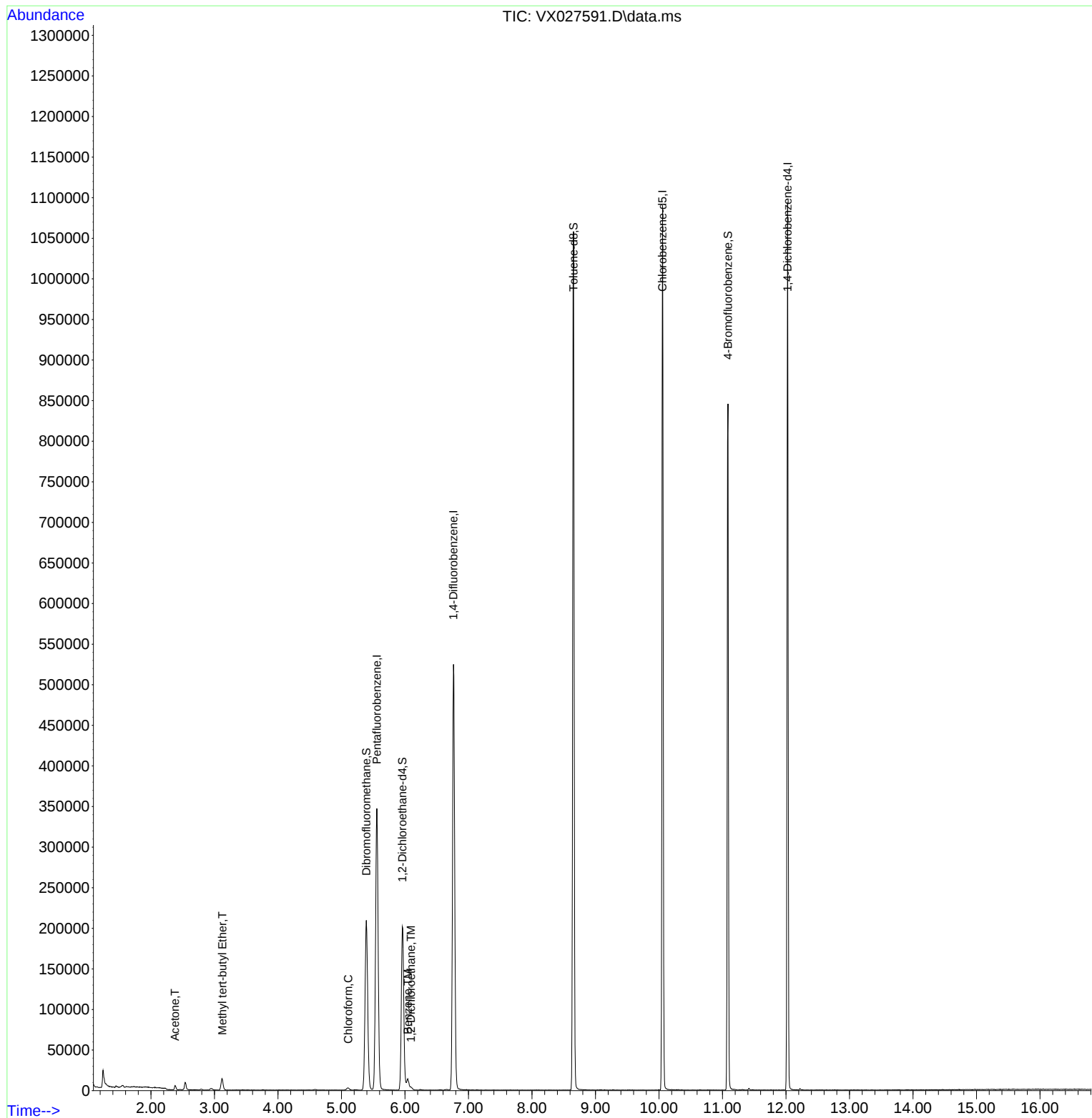
Internal Standards						
1) Pentafluorobenzene	5.556	168	344045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	566972	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	517413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	232117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	197640	46.632	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.260%
35) Dibromofluoromethane	5.391	113	185693	50.906	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.820%
50) Toluene-d8	8.653	98	662990	48.030	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.060%
62) 4-Bromofluorobenzene	11.085	95	231221	45.573	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.140%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	5521	3.196	ug/l #	86
19) Methyl tert-butyl Ether	3.123	73	15757	1.462	ug/l #	86
30) Chloroform	5.105	83	3356	0.512	ug/l	99
40) Benzene	6.044	78	15478	1.082	ug/l	97
42) 1,2-Dichloroethane	6.092	62	3790	0.707	ug/l	89

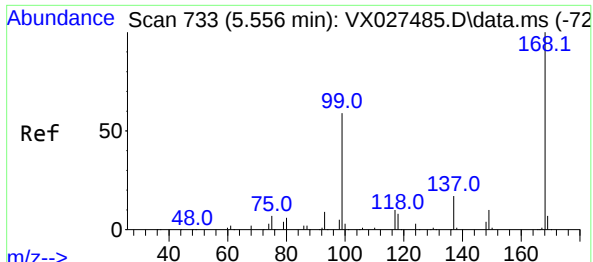
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
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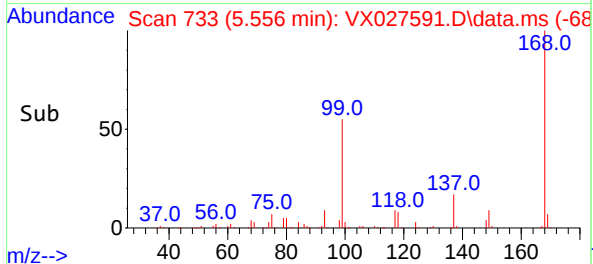
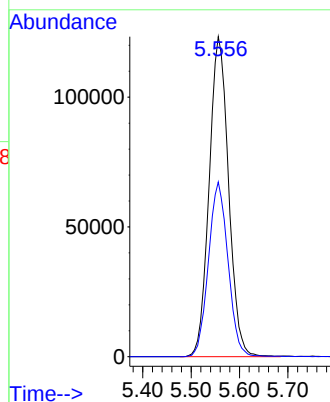
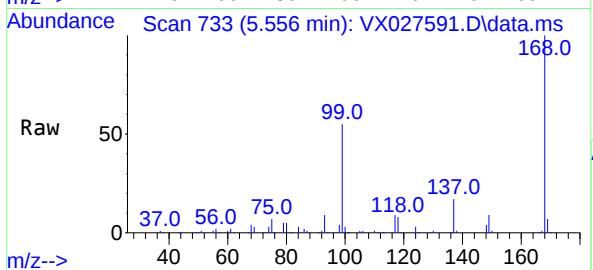




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX027591.D
Acq: 21 Mar 2022 17:12

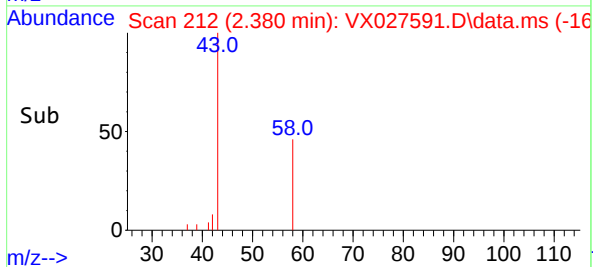
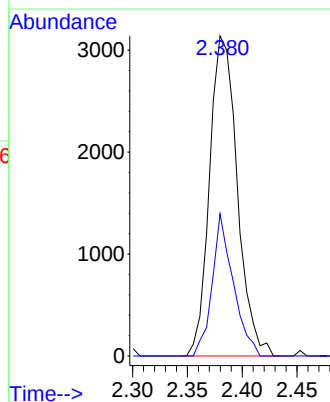
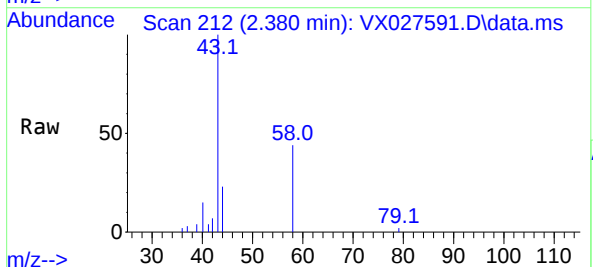
Instrument :
MSVOA_X
ClientSampleId :
MW-139

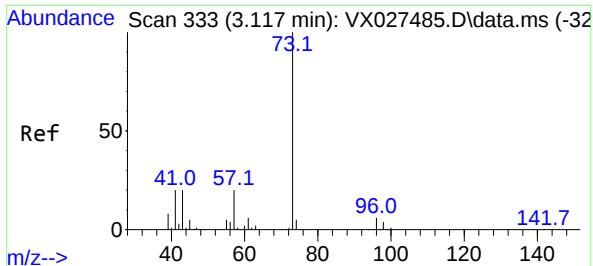
Tgt Ion:168 Resp: 344045
Ion Ratio Lower Upper
168 100
99 54.6 41.7 62.5



#16
Acetone
Concen: 3.196 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027591.D
Acq: 21 Mar 2022 17:12

Tgt Ion: 43 Resp: 5521
Ion Ratio Lower Upper
43 100
58 44.4 28.8 43.2#

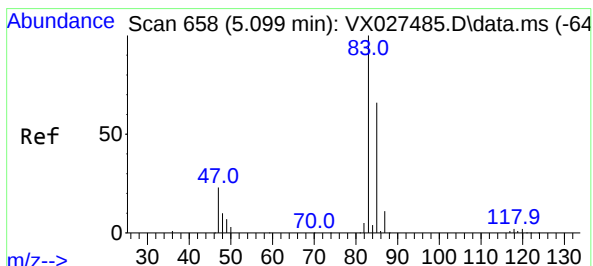
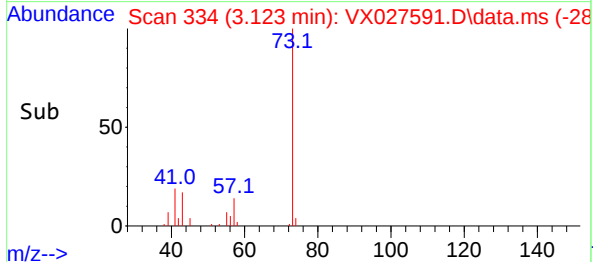
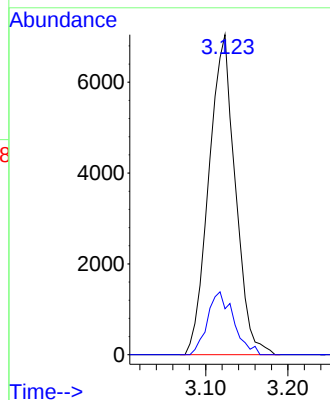
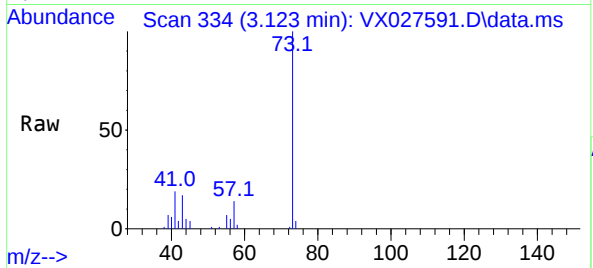




#19
Methyl tert-butyl Ether
Concen: 1.462 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX027591.D
Acq: 21 Mar 2022 17:12

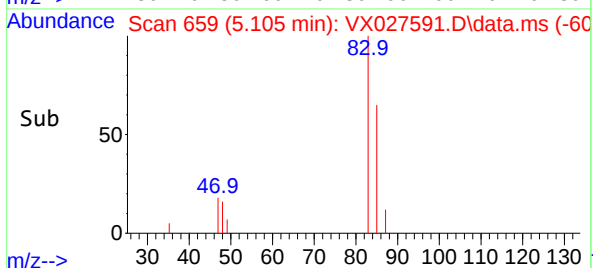
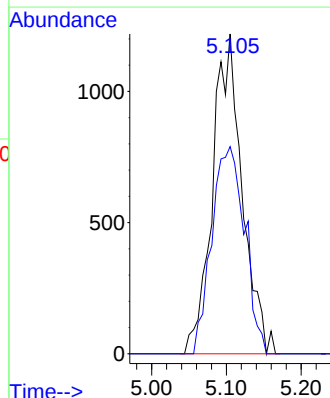
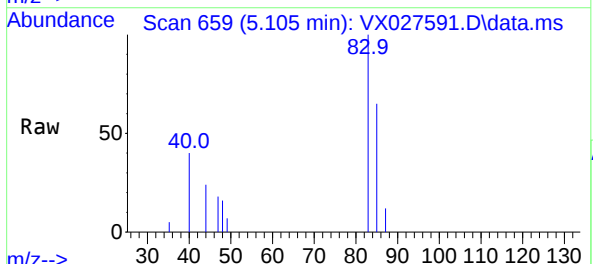
Instrument :
MSVOA_X
ClientSampleId :
MW-139

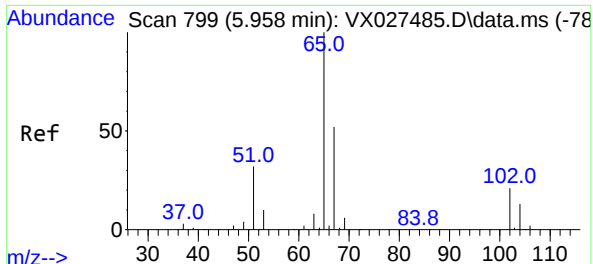
Tgt Ion: 73 Resp: 15757
Ion Ratio Lower Upper
73 100
57 14.4 16.8 25.2#



#30
Chloroform
Concen: 0.512 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX027591.D
Acq: 21 Mar 2022 17:12

Tgt Ion: 83 Resp: 3356
Ion Ratio Lower Upper
83 100
85 64.8 52.7 79.1





#33

1,2-Dichloroethane-d4

Concen: 46.632 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027591.D

Acq: 21 Mar 2022 17:12

Instrument :

MSVOA_X

ClientSampleId :

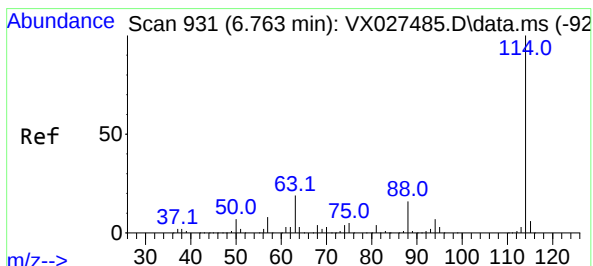
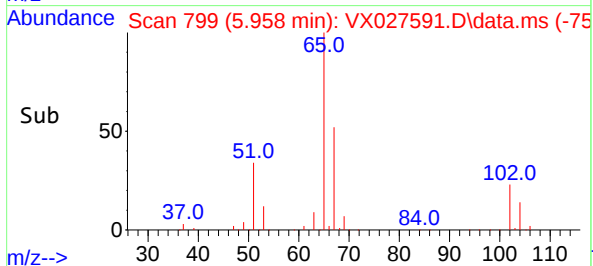
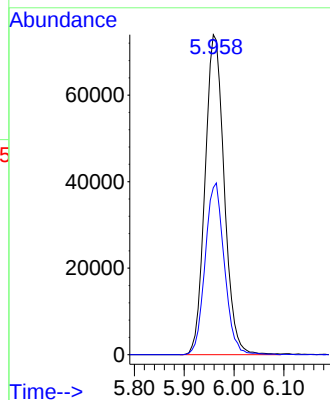
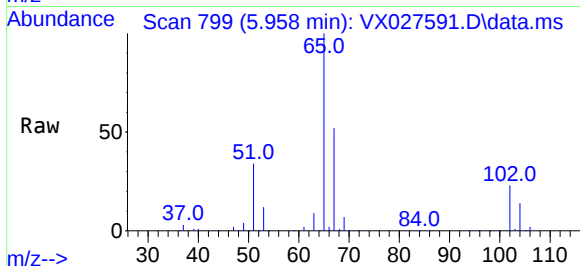
MW-139

Tgt Ion: 65 Resp: 197640

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027591.D

Acq: 21 Mar 2022 17:12

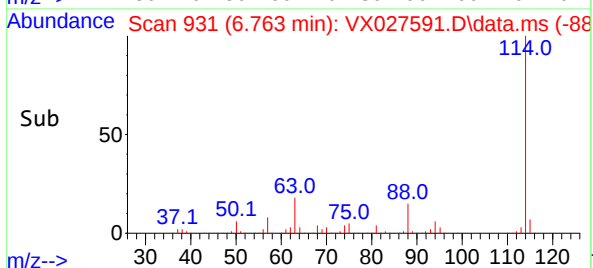
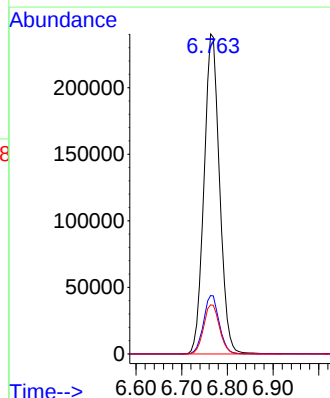
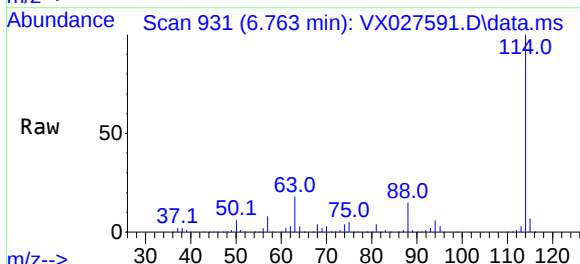
Tgt Ion: 114 Resp: 566972

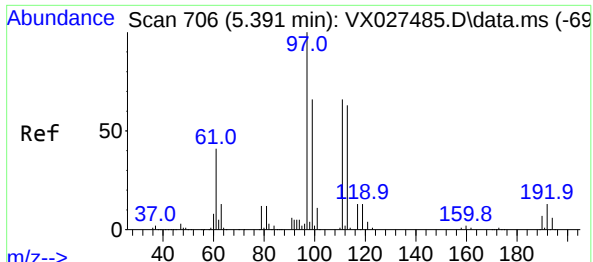
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

88 15.4 0.0 32.4

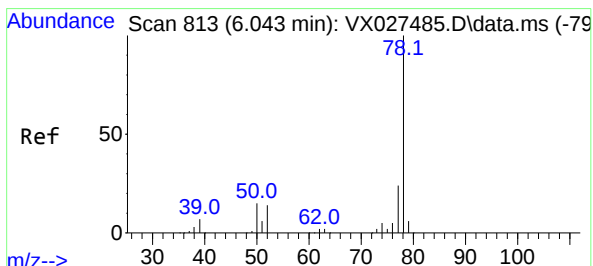
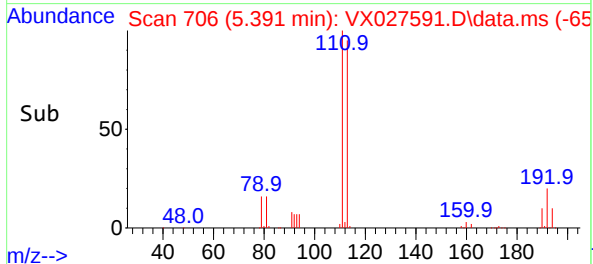
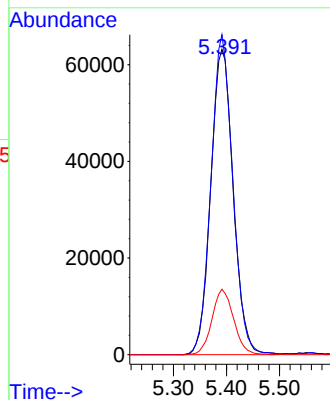
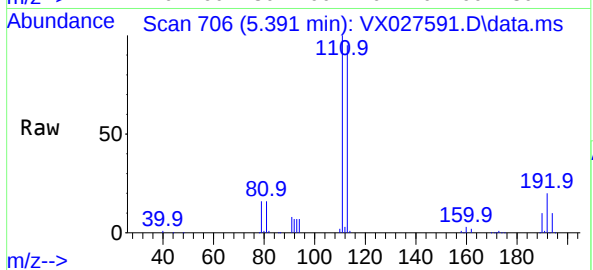




#35
Dibromofluoromethane
Concen: 50.906 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027591.D
Acq: 21 Mar 2022 17:12

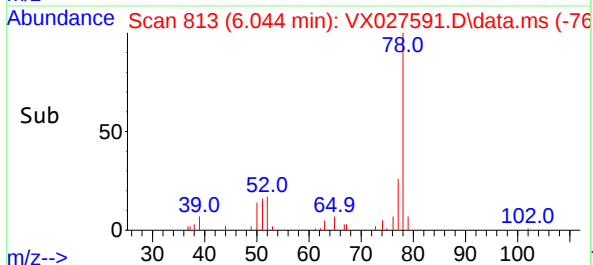
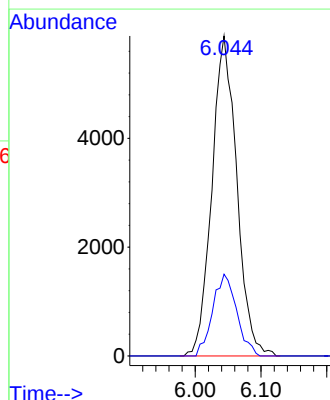
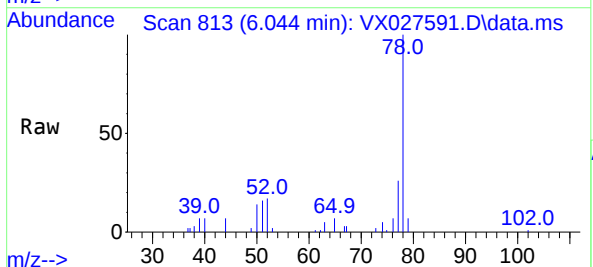
Instrument :
MSVOA_X
ClientSampleId :
MW-139

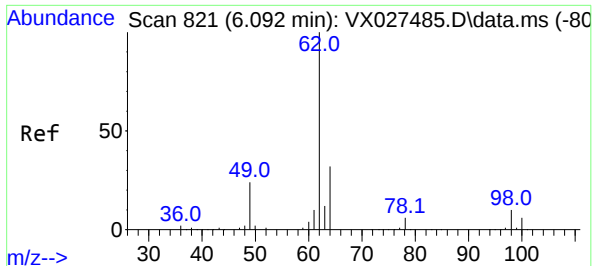
Tgt Ion:113 Resp: 185693
Ion Ratio Lower Upper
113 100
111 101.9 82.8 124.2
192 20.7 16.9 25.3



#40
Benzene
Concen: 1.082 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX027591.D
Acq: 21 Mar 2022 17:12

Tgt Ion: 78 Resp: 15478
Ion Ratio Lower Upper
78 100
77 25.6 19.3 28.9





#42

1,2-Dichloroethane

Concen: 0.707 ug/l

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX027591.D

Acq: 21 Mar 2022 17:12

Instrument :

MSVOA_X

ClientSampleId :

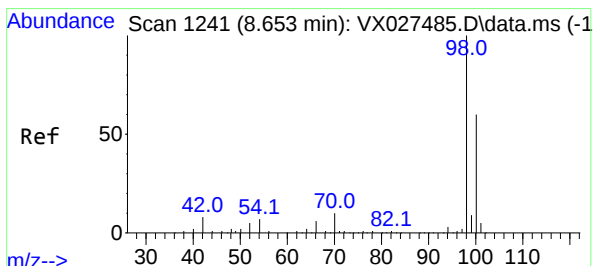
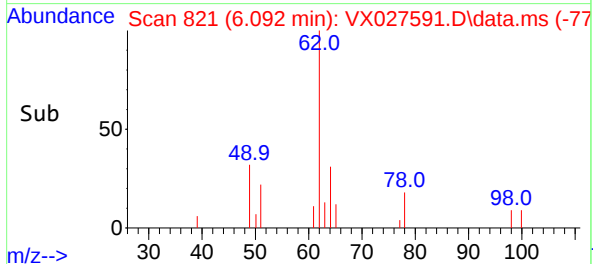
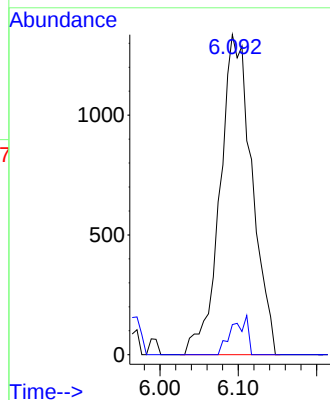
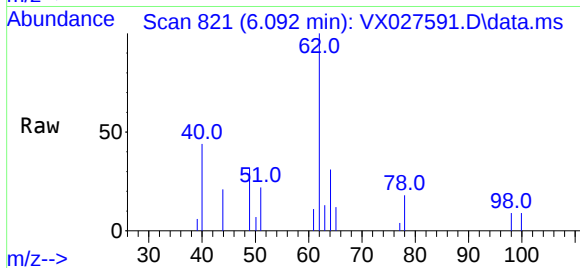
MW-139

Tgt Ion: 62 Resp: 3790

Ion Ratio Lower Upper

62 100

98 6.1 0.0 20.4



#50

Toluene-d8

Concen: 48.030 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX027591.D

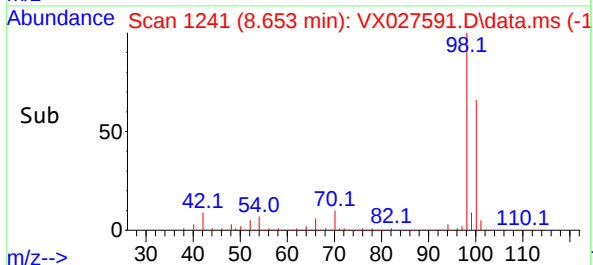
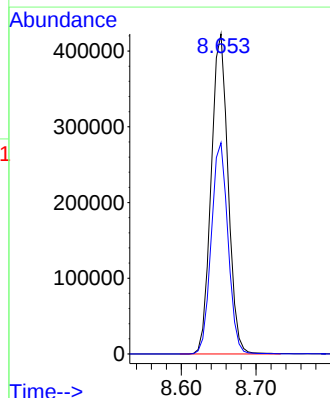
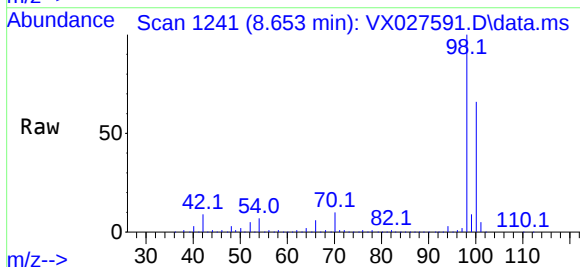
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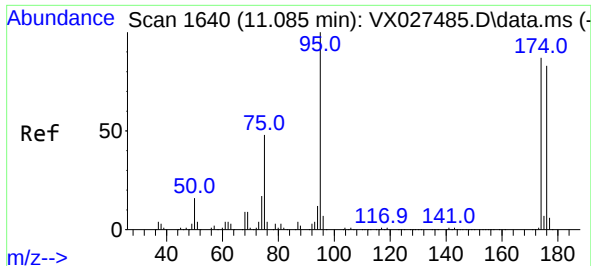
Tgt Ion: 98 Resp: 662990

Ion Ratio Lower Upper

98 100

100 65.4 52.6 78.8

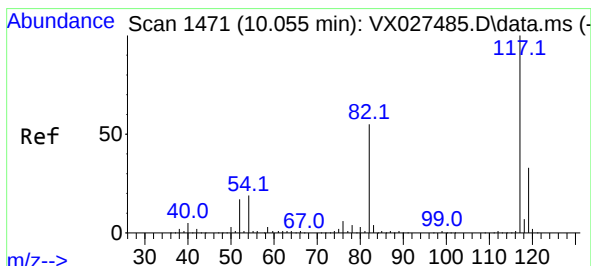
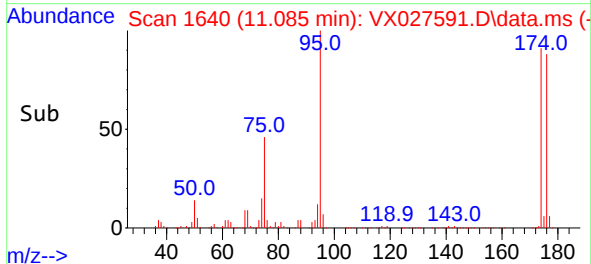
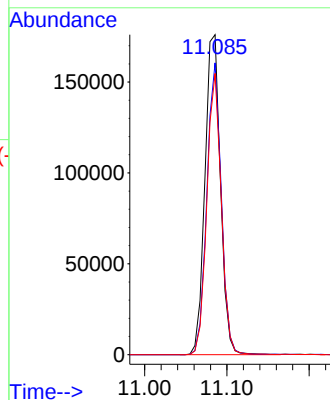
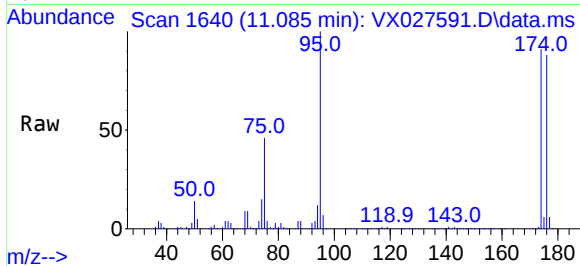




#62
4-Bromofluorobenzene
Concen: 45.573 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027591.D
Acq: 21 Mar 2022 17:12

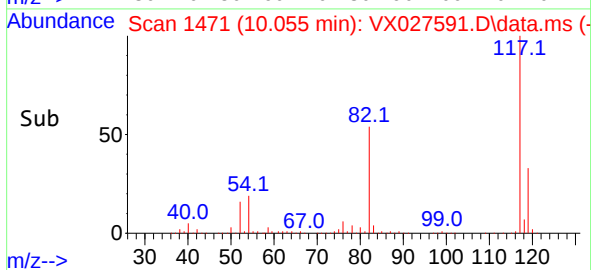
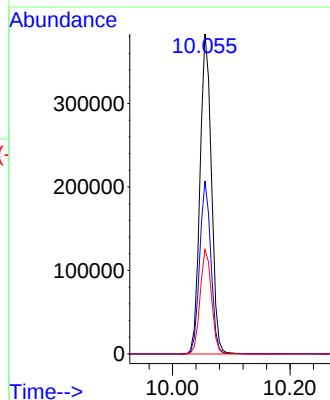
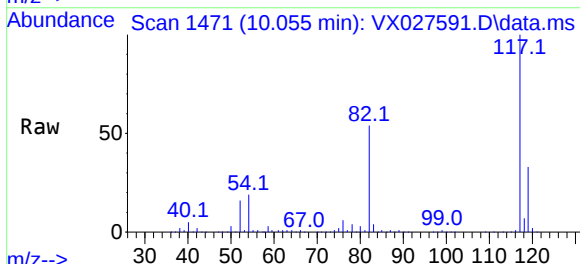
Instrument :
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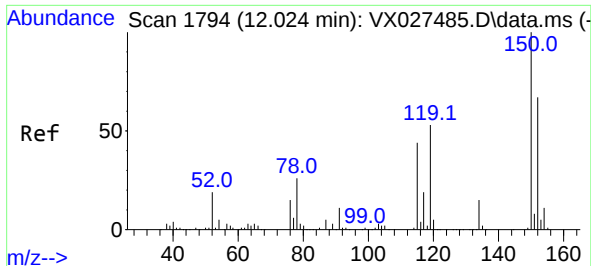
Tgt Ion: 95 Resp: 231221
Ion Ratio Lower Upper
95 100
174 84.8 0.0 163.0
176 81.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027591.D
Acq: 21 Mar 2022 17:12

Tgt Ion: 117 Resp: 517413
Ion Ratio Lower Upper
117 100
82 54.0 41.8 62.8
119 32.6 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX027591.D

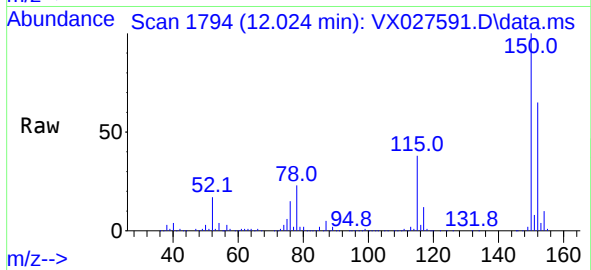
Acq: 21 Mar 2022 17:12

Instrument :

MSVOA_X

ClientSampleId :

MW-139



Tgt Ion:152 Resp: 232117

Ion Ratio Lower Upper

152 100

115 58.5 37.5 112.7

150 155.6 0.0 338.2

