

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%

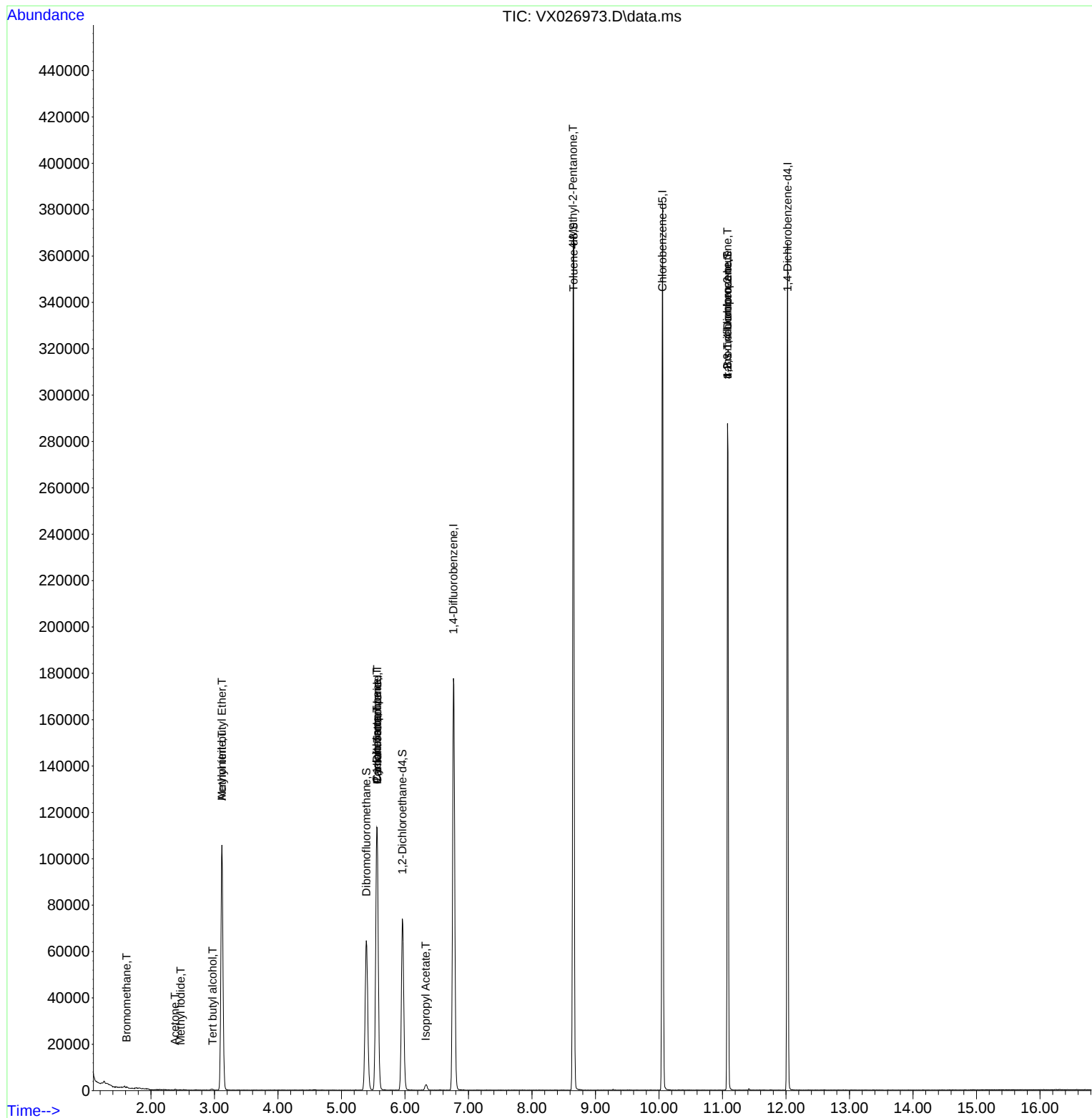
Target Compounds					Qvalue	
5) Bromomethane	1.618	94	175	0.361	ug/l #	80
10) Methyl Iodide	2.465	142	157	2.352	ug/l #	37
11) Tert butyl alcohol	2.971	59	661	2.823	ug/l #	75
15) Acrylonitrile	3.117	53	1432	2.134	ug/l #	30
16) Acetone	2.380	43	362	0.636	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	113659	29.061	ug/l	98
31) Cyclohexane	5.556	56	2272	1.103	ug/l #	26
36) 1,1-Dichloropropene	5.556	75	8434	4.903	ug/l #	51
38) Carbon Tetrachloride	5.562	117	11276	6.251	ug/l #	17
43) Isopropyl Acetate	6.324	43	919	0.306	ug/l #	20
51) 4-Methyl-2-Pentanone	8.647	43	947	0.520	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39617	25.019	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	39617	76.310	ug/l #	3

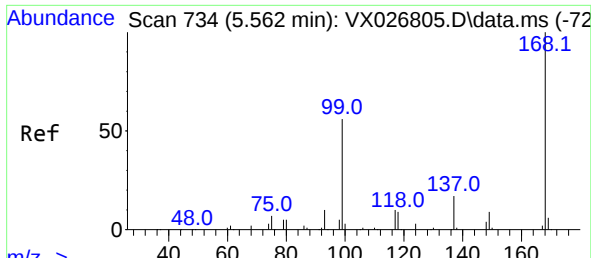
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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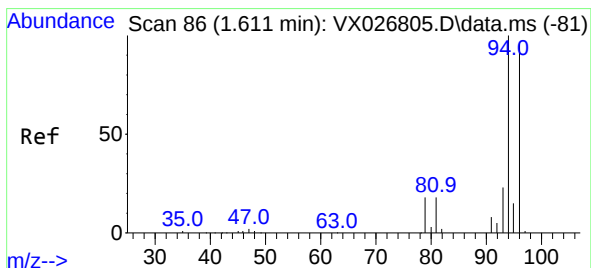
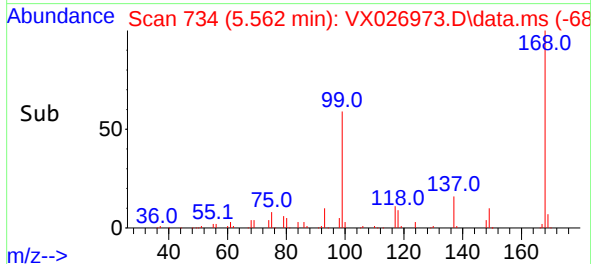
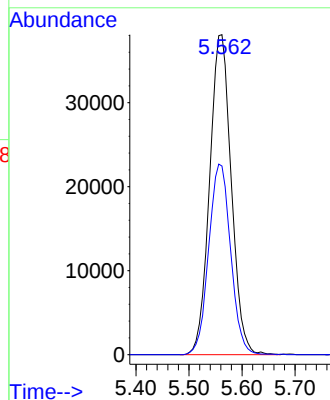
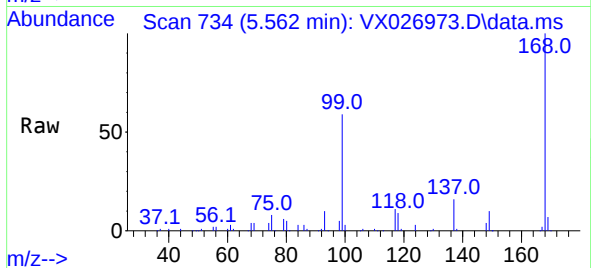




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX026973.D
Acq: 11 Feb 2022 17:38

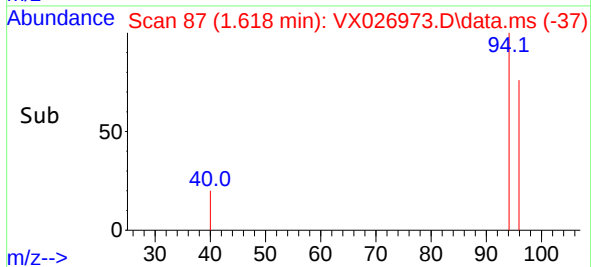
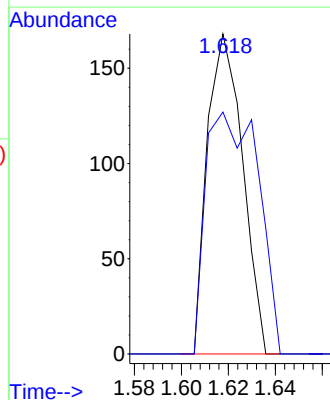
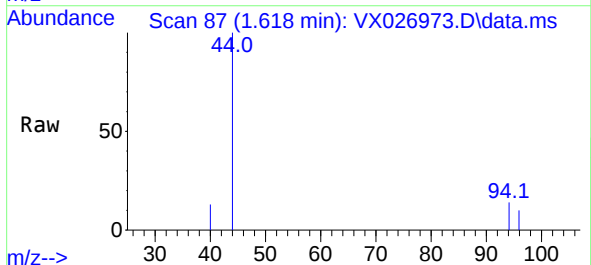
Instrument :
MSVOA_X
ClientSampleId :
MW-137A

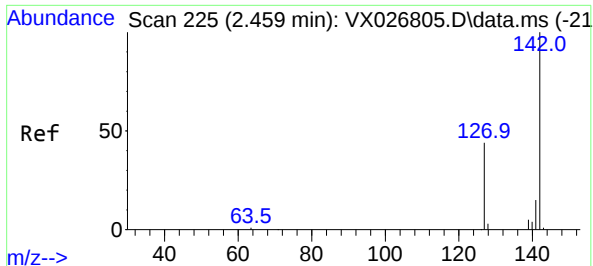
Tgt Ion:168 Resp: 107966
Ion Ratio Lower Upper
168 100
99 58.9 50.3 75.5



#5
Bromomethane
Concen: 0.361 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX026973.D
Acq: 11 Feb 2022 17:38

Tgt Ion: 94 Resp: 175
Ion Ratio Lower Upper
94 100
96 75.6 75.9 113.9#

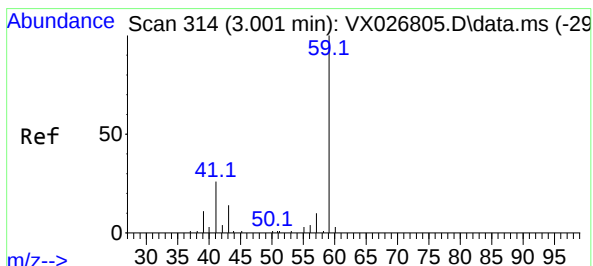
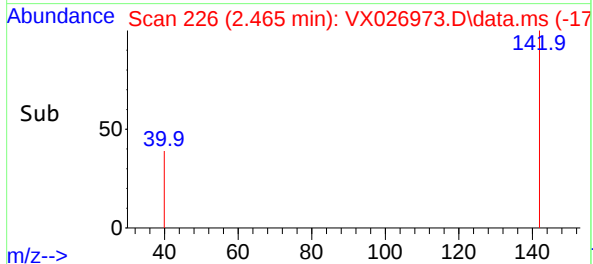
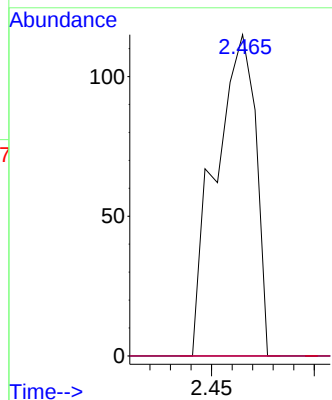
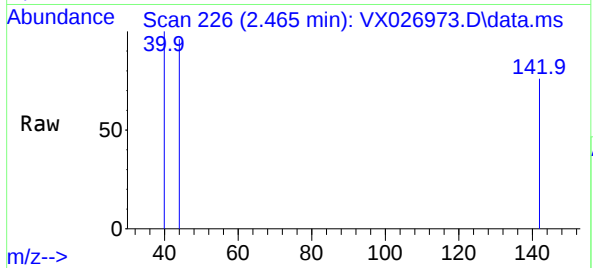




#10
Methyl Iodide
Concen: 2.352 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026973.D
Acq: 11 Feb 2022 17:38

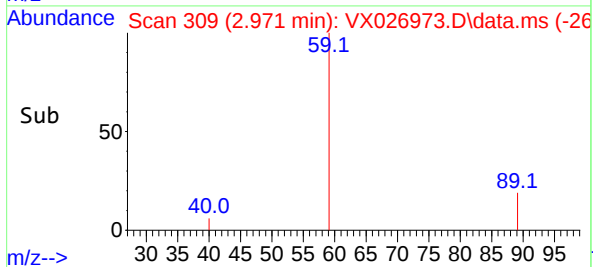
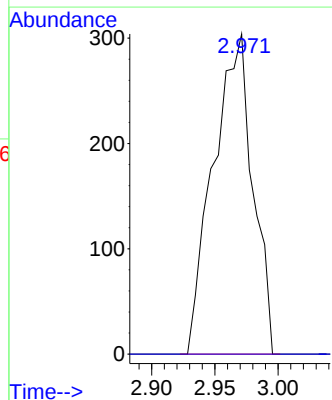
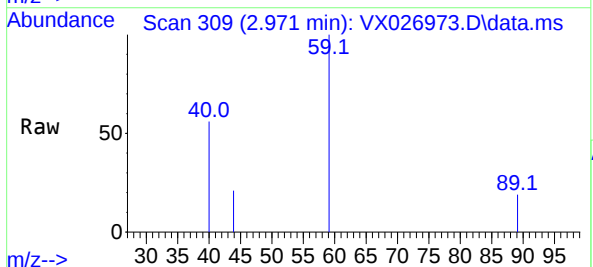
Instrument :
MSVOA_X
ClientSampleId :
MW-137A

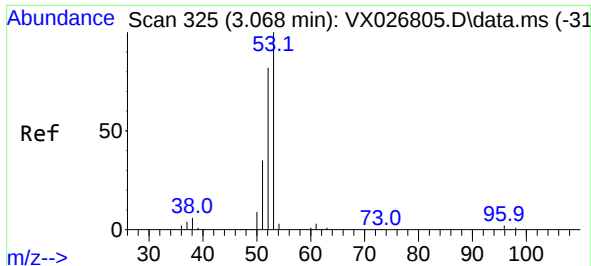
Tgt Ion:142 Resp: 157
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 2.823 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.030 min
Lab File: VX026973.D
Acq: 11 Feb 2022 17:38

Tgt Ion: 59 Resp: 661
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

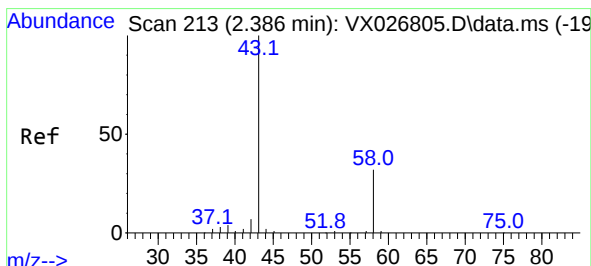
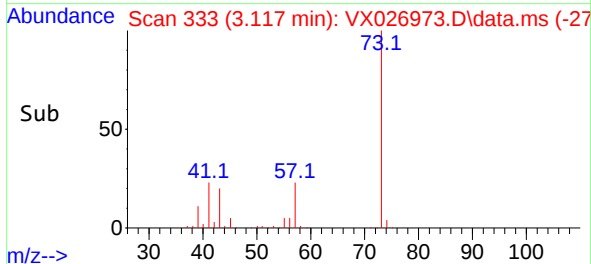
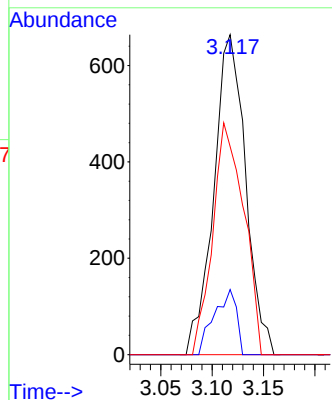
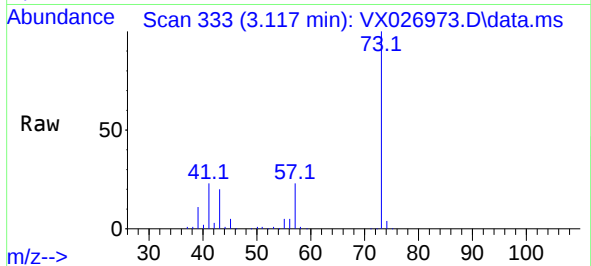




#15
Acrylonitrile
Concen: 2.134 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.049 min
Lab File: VX026973.D
Acq: 11 Feb 2022 17:38

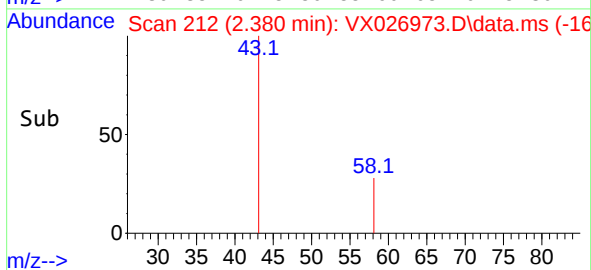
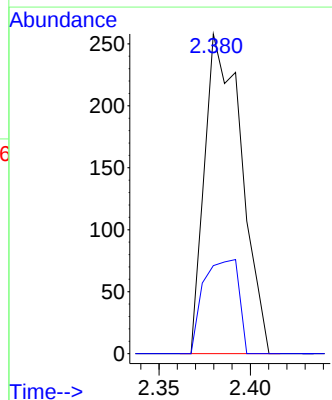
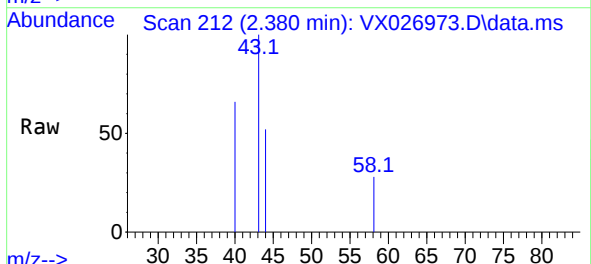
Instrument :
MSVOA_X
ClientSampleId :
MW-137A

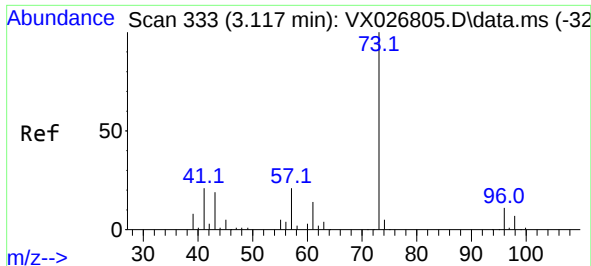
Tgt Ion: 53 Resp: 1432
Ion Ratio Lower Upper
53 100
52 14.2 66.6 100.0#
51 70.5 29.5 44.3#



#16
Acetone
Concen: 0.636 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX026973.D
Acq: 11 Feb 2022 17:38

Tgt Ion: 43 Resp: 362
Ion Ratio Lower Upper
43 100
58 27.5 23.0 34.6

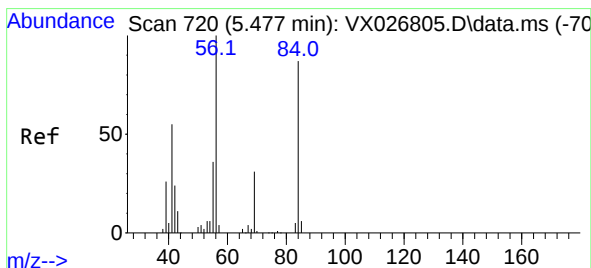
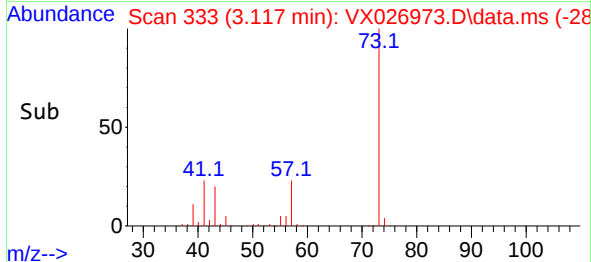
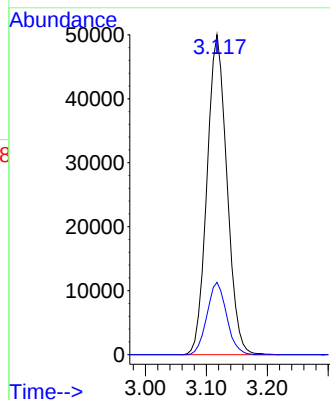
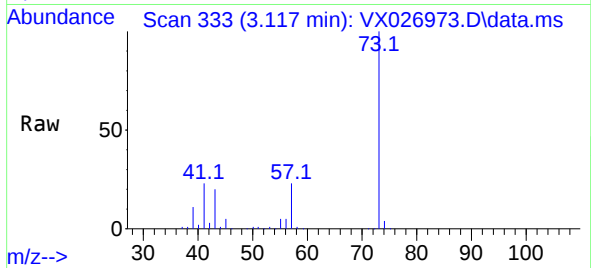




#19
Methyl tert-butyl Ether
Concen: 29.061 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX026973.D
Acq: 11 Feb 2022 17:38

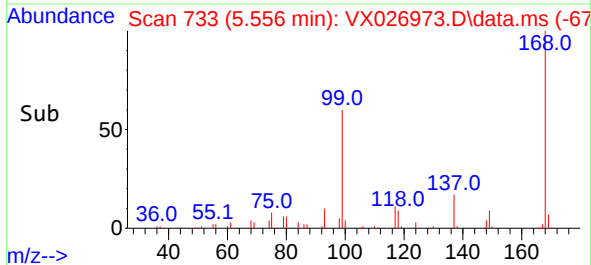
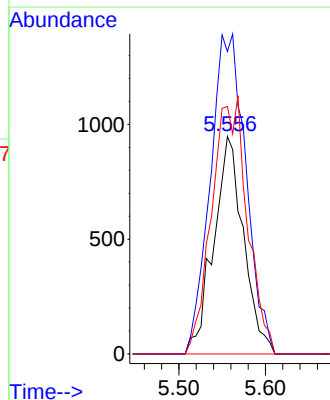
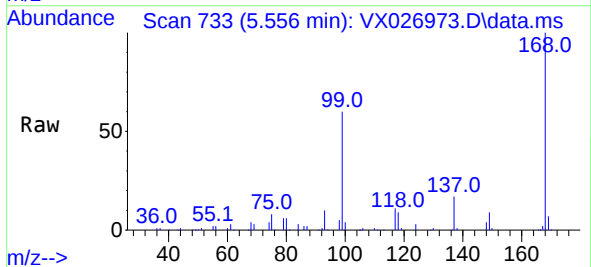
Instrument :
MSVOA_X
ClientSampleId :
MW-137A

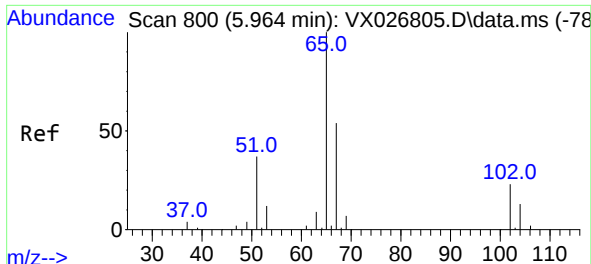
Tgt Ion: 73 Resp: 113659
Ion Ratio Lower Upper
73 100
57 22.6 17.4 26.2



#31
Cyclohexane
Concen: 1.103 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX026973.D
Acq: 11 Feb 2022 17:38

Tgt Ion: 56 Resp: 2272
Ion Ratio Lower Upper
56 100
69 138.9 25.8 38.6#
84 113.7 68.9 103.3#





#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 :

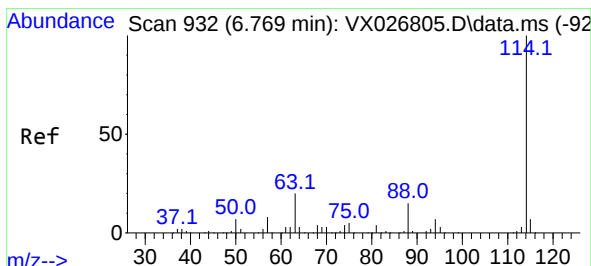
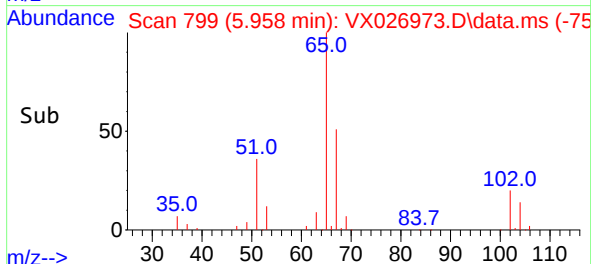
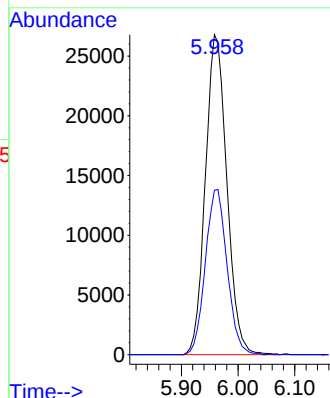
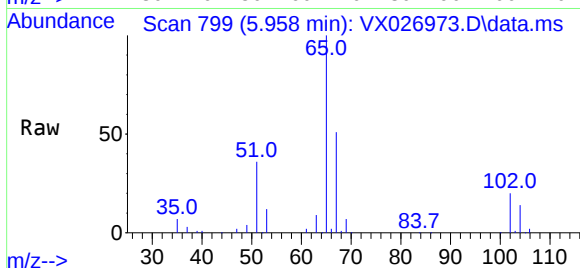
MW-137A

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

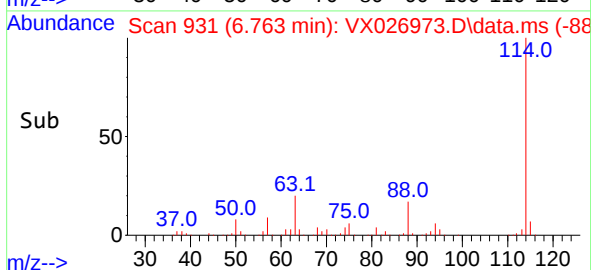
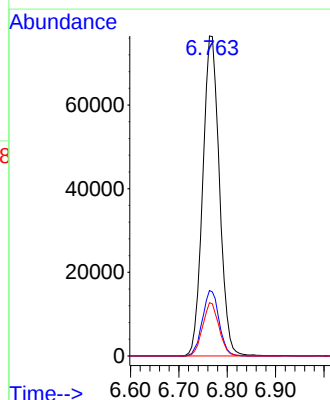
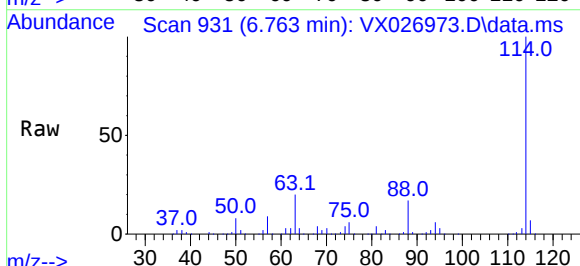
Tgt Ion: 114 Resp: 183032

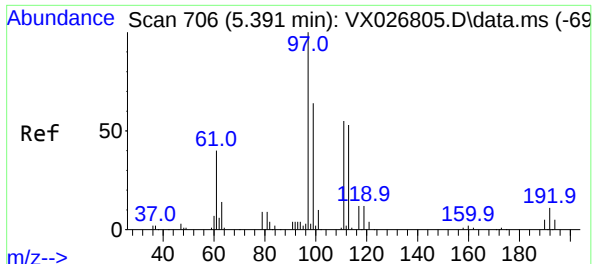
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

88 16.6 0.0 33.0

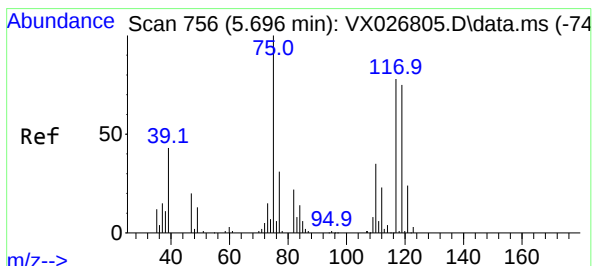
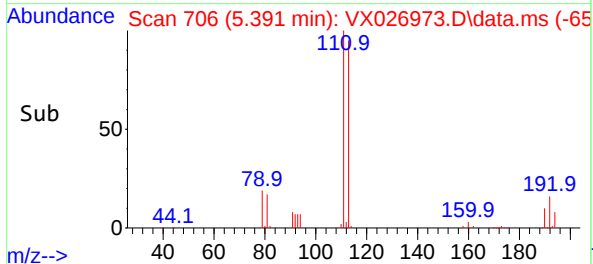
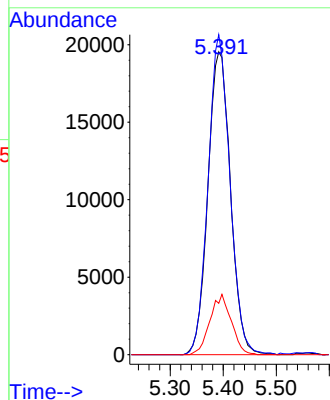
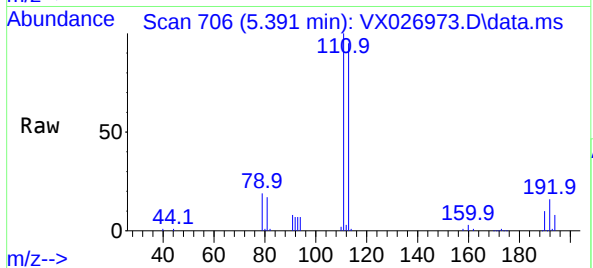




#35
Dibromofluoromethane
Concen: 53.064 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026973.D
Acq: 11 Feb 2022 17:38

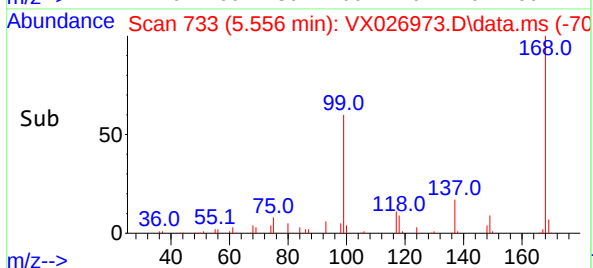
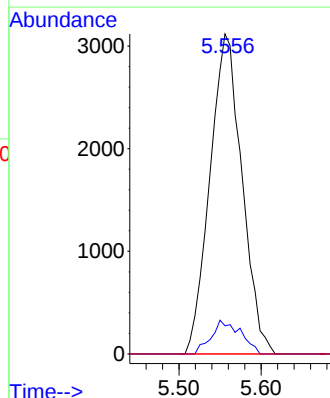
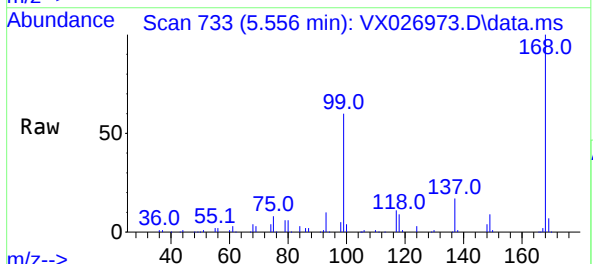
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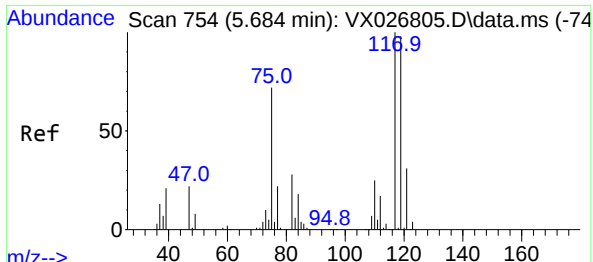
Tgt Ion:113 Resp: 57864
Ion Ratio Lower Upper
113 100
111 102.1 81.2 121.8
192 18.8 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.903 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX026973.D
Acq: 11 Feb 2022 17:38

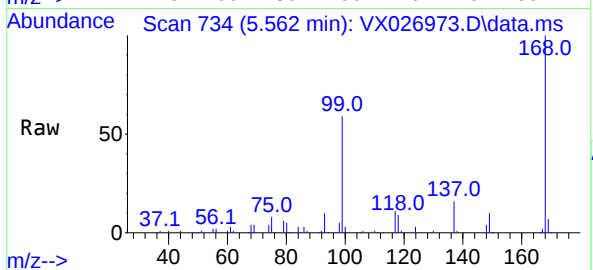
Tgt Ion: 75 Resp: 8434
Ion Ratio Lower Upper
75 100
110 9.6 17.2 51.6#
77 0.0 24.6 36.8#



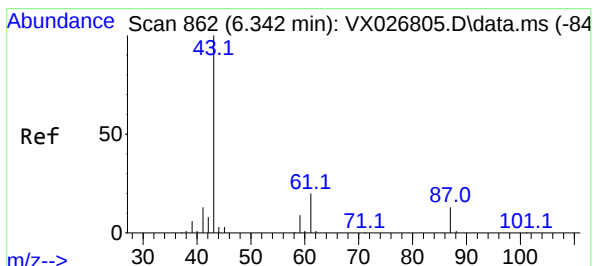
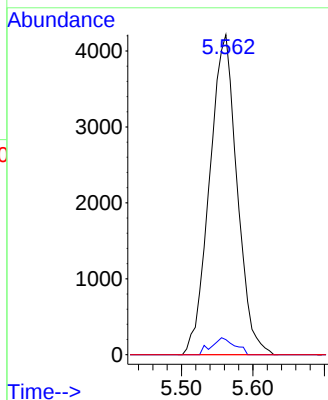
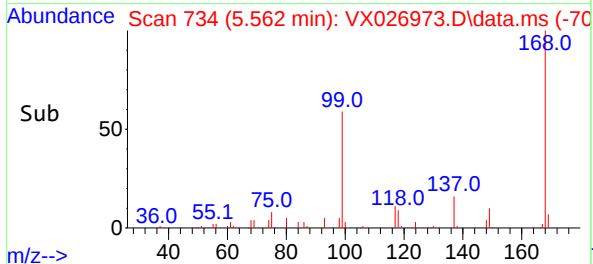


#38
Carbon Tetrachloride
Concen: 6.251 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026973.D
Acq: 11 Feb 2022 17:38

Instrument :
MSVOA_X
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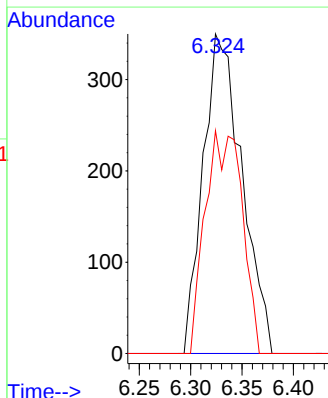
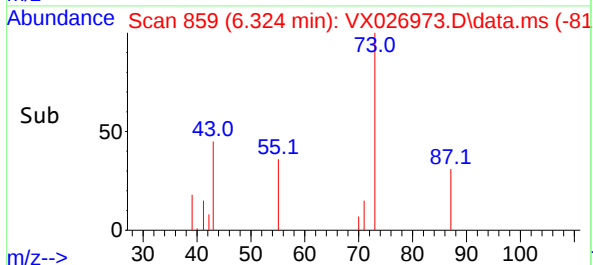
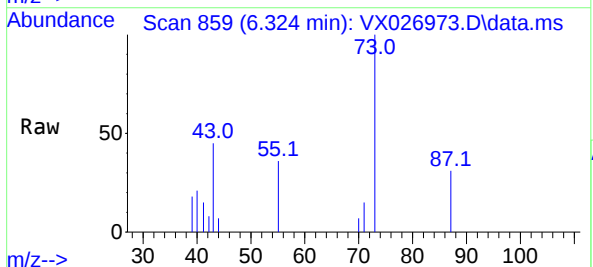


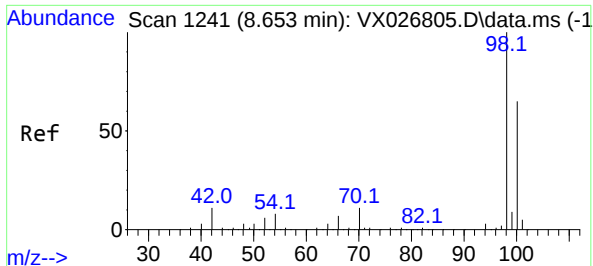
Tgt Ion:117 Resp: 11276
Ion Ratio Lower Upper
117 100
119 4.7 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 0.306 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.018 min
Lab File: VX026973.D
Acq: 11 Feb 2022 17:38

Tgt Ion: 43 Resp: 919
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 66.4 10.2 15.2#





#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

Instrument :

MSVOA_X

ClientSampleId :

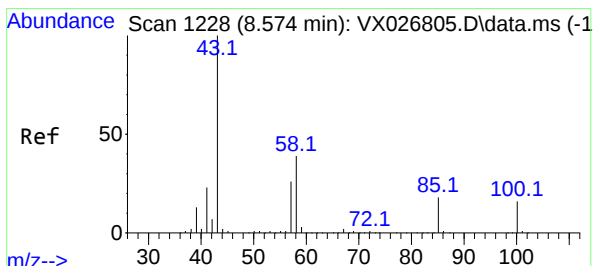
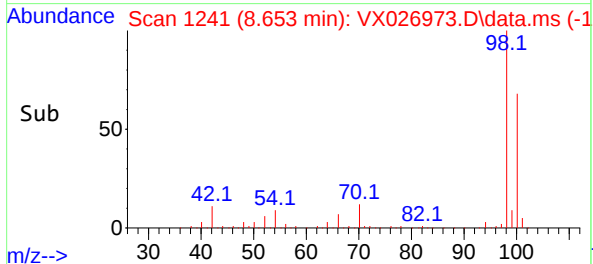
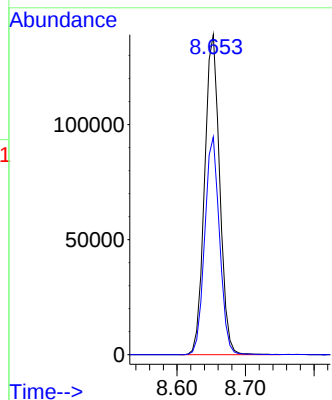
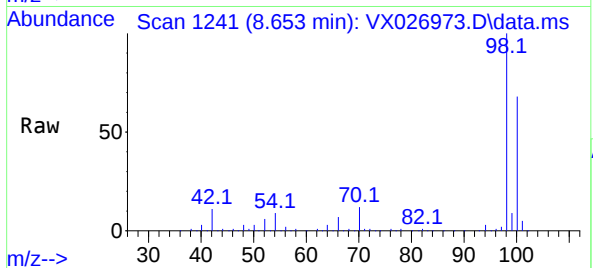
MW-137A

Tgt Ion: 98 Resp: 213558

Ion Ratio Lower Upper

98 100

100 66.8 53.2 79.8



#51

4-Methyl-2-Pentanone

Concen: 0.520 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX026973.D

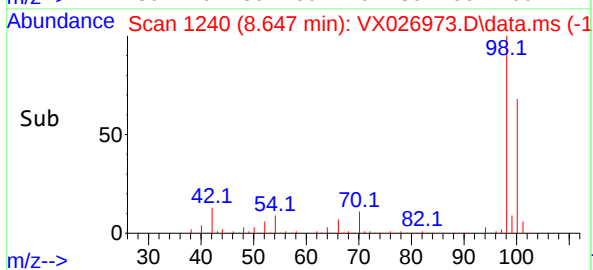
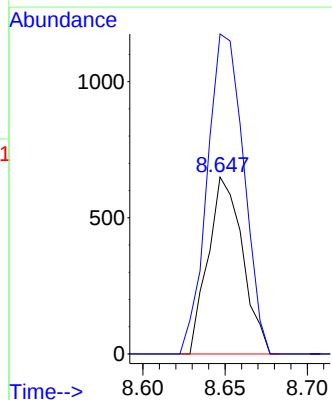
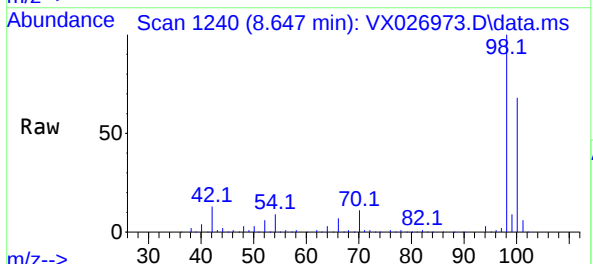
Acq: 11 Feb 2022 17:38

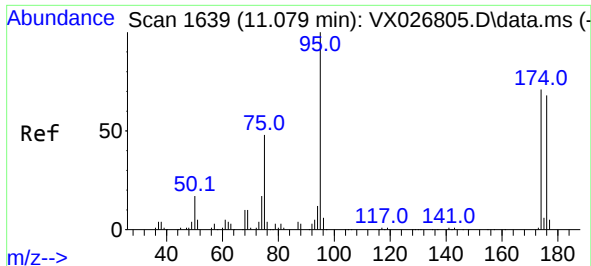
Tgt Ion: 43 Resp: 947

Ion Ratio Lower Upper

43 100

58 191.8 30.5 45.7#

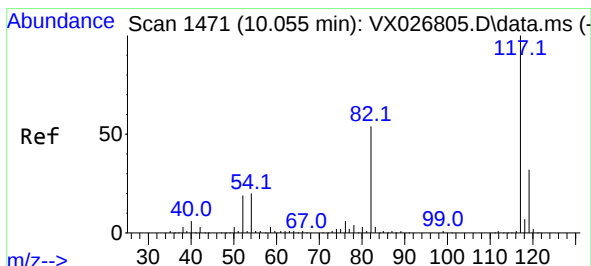
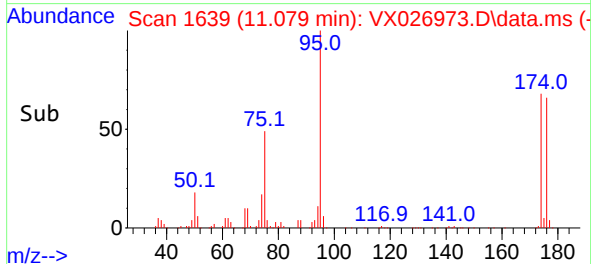
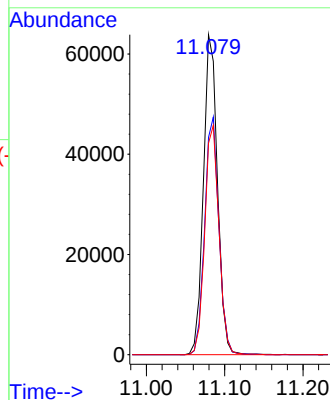
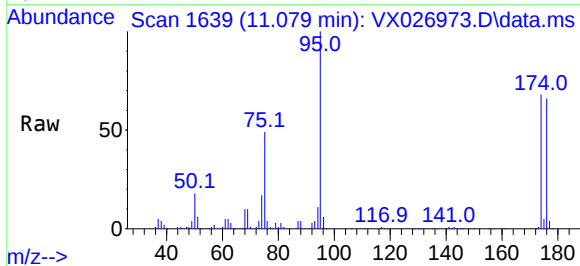




#62
4-Bromofluorobenzene
Concen: 56.417 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026973.D
Acq: 11 Feb 2022 17:38

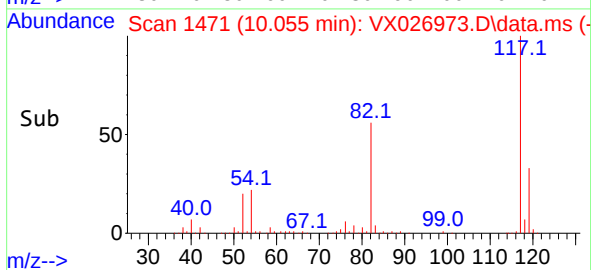
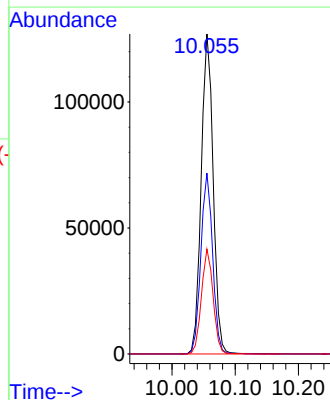
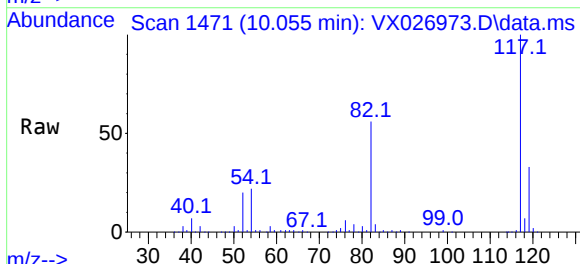
Instrument :
MSVOA_X
ClientSampleId :
MW-137A

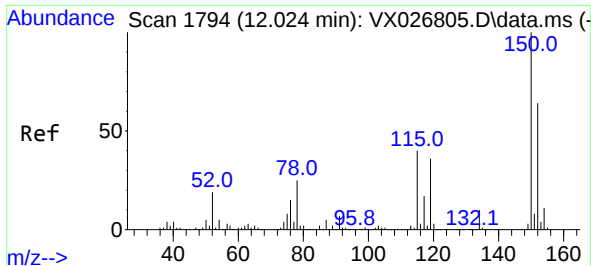
Tgt Ion: 95 Resp: 79506
Ion Ratio Lower Upper
95 100
174 75.0 0.0 148.6
176 72.5 0.0 141.4



#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

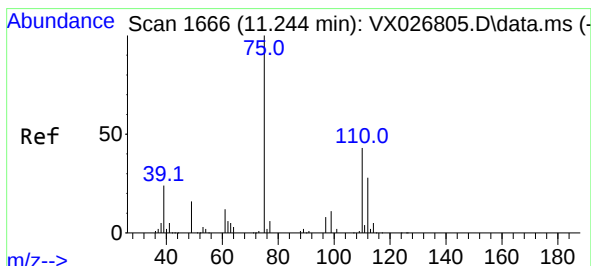
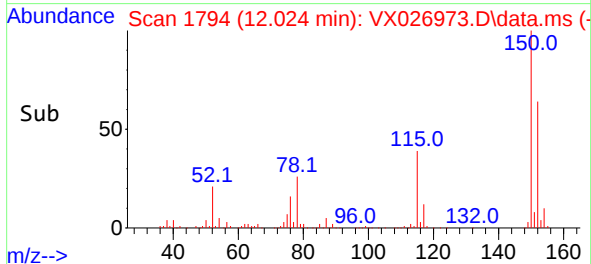
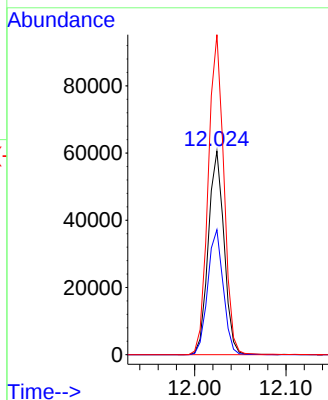
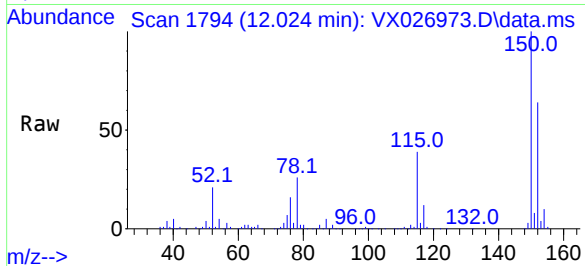




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026973.D
Acq: 11 Feb 2022 17:38

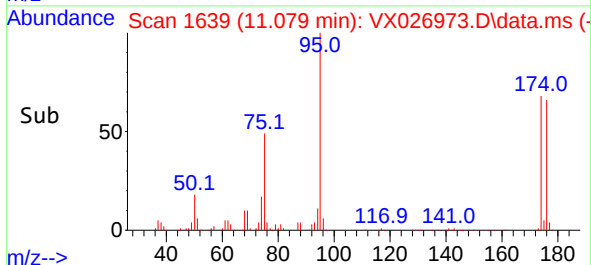
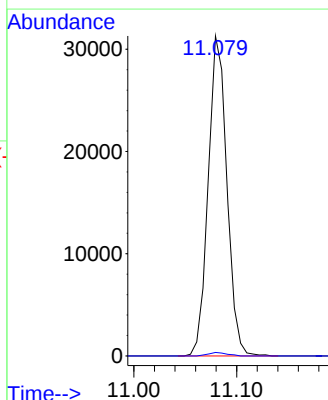
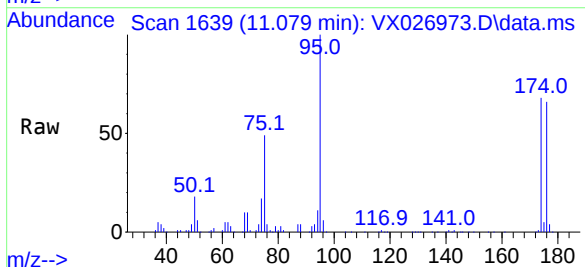
Instrument :
MSVOA_X
ClientSampleId :
MW-137A

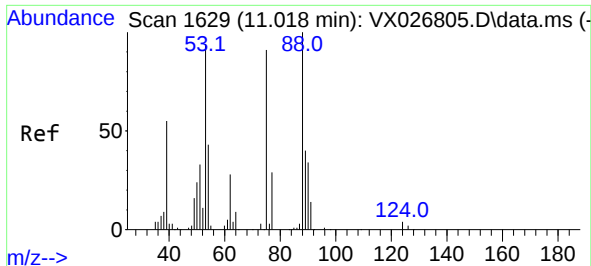
Tgt Ion:152 Resp: 72337
Ion Ratio Lower Upper
152 100
115 60.6 44.2 132.6
150 155.9 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 25.019 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026973.D
Acq: 11 Feb 2022 17:38

Tgt Ion: 75 Resp: 39617
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.310 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026973.D
 Acq: 11 Feb 2022 17:38

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-137A

Tgt Ion: 75 Resp: 39617
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

