

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027902.D
 Acq On : 02 Apr 2022 00:07
 Operator : JC/MD
 Sample : N2172-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1R

Quant Time: Apr 02 07:31:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

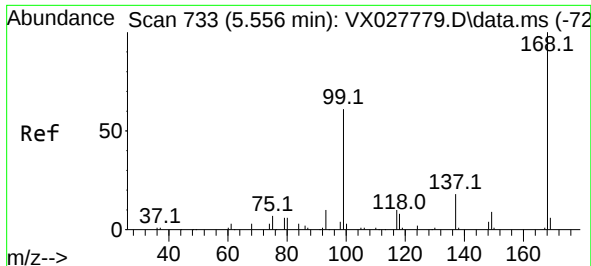
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	79189	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	135538	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62026	60.705	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 121.420%	
35) Dibromofluoromethane	5.391	113	47753	54.583	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 109.160%	
50) Toluene-d8	8.653	98	162809	52.892	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.780%	
62) 4-Bromofluorobenzene	11.085	95	65223	49.861	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.720%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	82	0.280	ug/l	# 71
6) Chloroethane	1.697	64	143	0.326	ug/l	# 43
10) Methyl Iodide	2.465	142	406	0.471	ug/l	# 74
11) Tert butyl alcohol	2.953	59	439	2.237	ug/l	# 72
14) Allyl chloride	2.526	41	654	0.524	ug/l	# 75
16) Acetone	2.373	43	655	1.448	ug/l	# 88
20) Methylene Chloride	2.788	84	333	0.409	ug/l	# 85
31) Cyclohexane	5.556	56	1793	1.587	ug/l	# 23
36) 1,1-Dichloropropene	5.556	75	6740	6.117	ug/l	# 46
38) Carbon Tetrachloride	5.556	117	8720	7.163	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.653	43	799	0.526	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	34359	25.242	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	34359	74.078	ug/l	# 15
94) Hexachlorobutadiene	13.719	225	134	1.068	ug/l	# 53

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

Quant Time: Apr 02 07:31:26 2022
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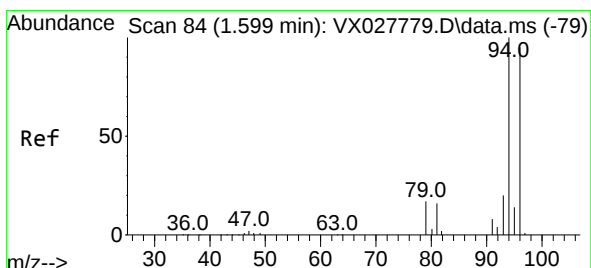
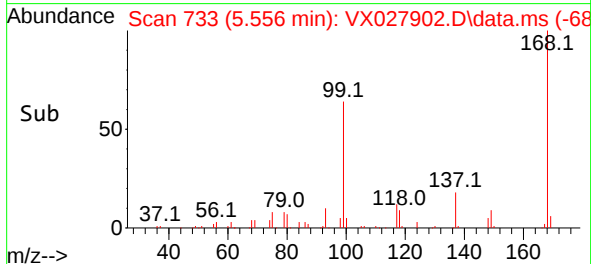
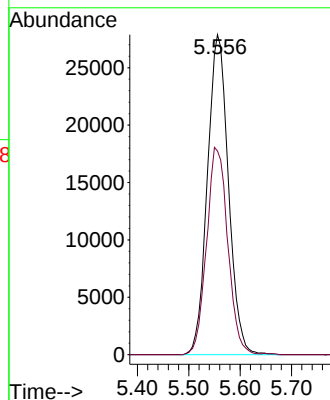
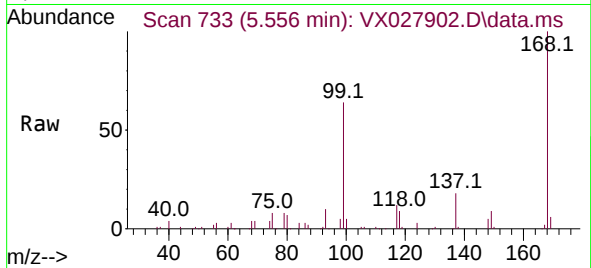




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027902.D
Acq: 02 Apr 2022 00:07

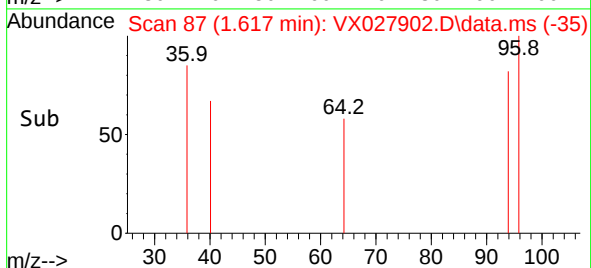
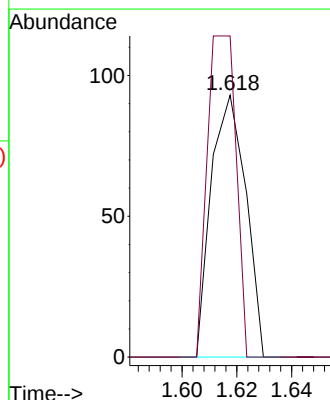
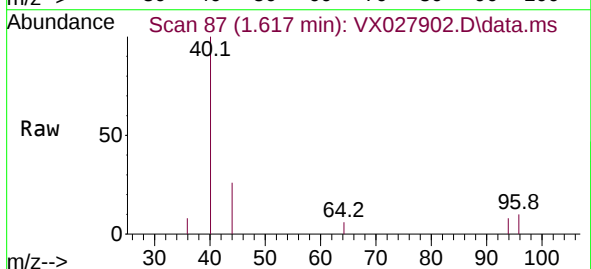
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

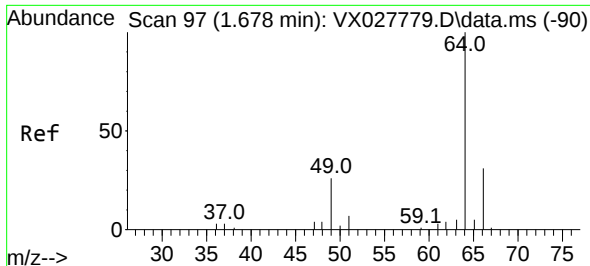
Tgt Ion:168 Resp: 79189
Ion Ratio Lower Upper
168 100
99 63.6 41.7 62.5#



#5
Bromomethane
Concen: 0.280 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX027902.D
Acq: 02 Apr 2022 00:07

Tgt Ion: 94 Resp: 82
Ion Ratio Lower Upper
94 100
96 122.6 75.3 112.9#

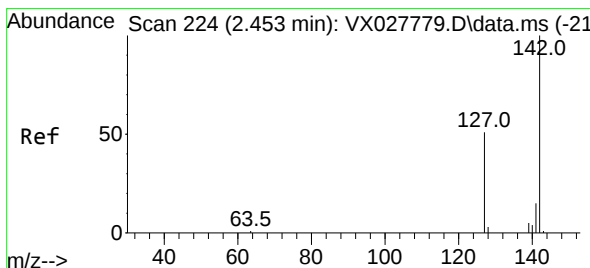
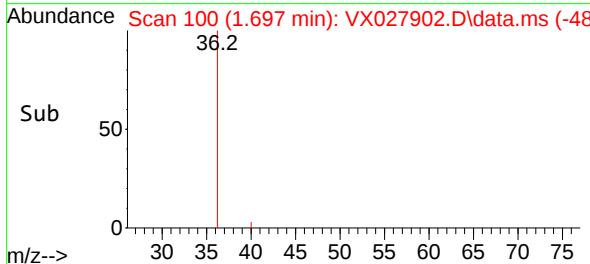
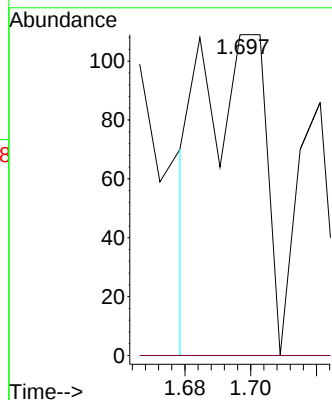
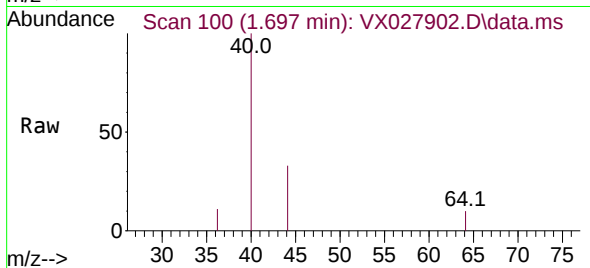




#6
Chloroethane
Concen: 0.326 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.019 min
Lab File: VX027902.D
Acq: 02 Apr 2022 00:07

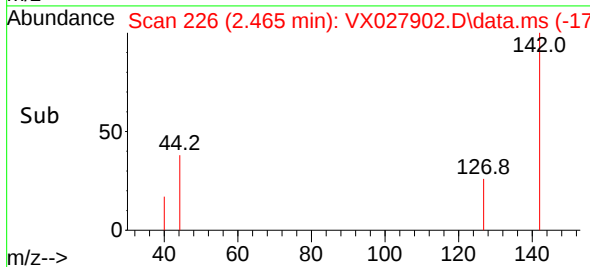
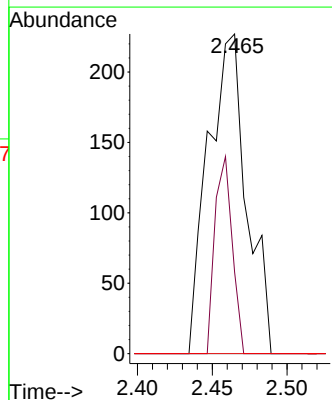
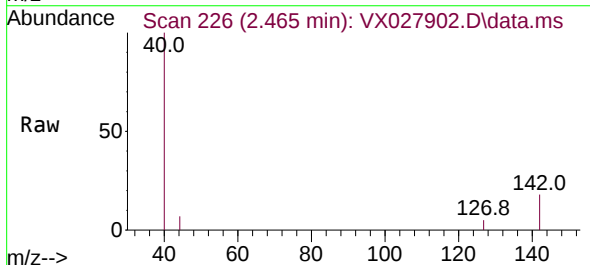
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

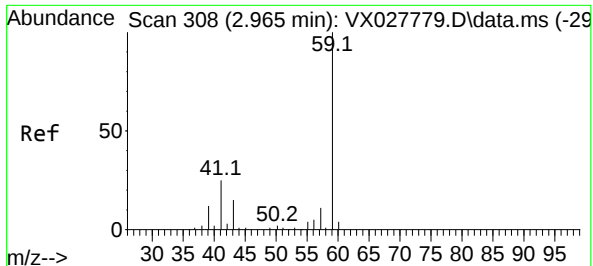
Tgt Ion: 64 Resp: 143
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 0.471 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX027902.D
Acq: 02 Apr 2022 00:07

Tgt Ion: 142 Resp: 406
Ion Ratio Lower Upper
142 100
127 27.8 33.9 50.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 2.237 ug/l

RT: 2.953 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX027902.D

Acq: 02 Apr 2022 00:07

Instrument :

MSVOA_X

ClientSampleId :

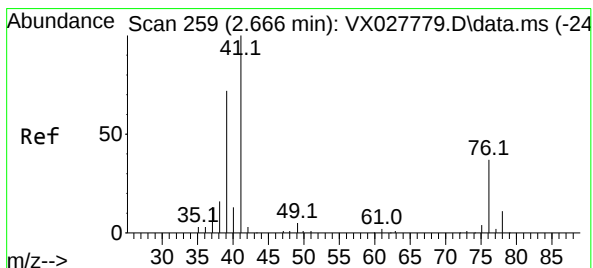
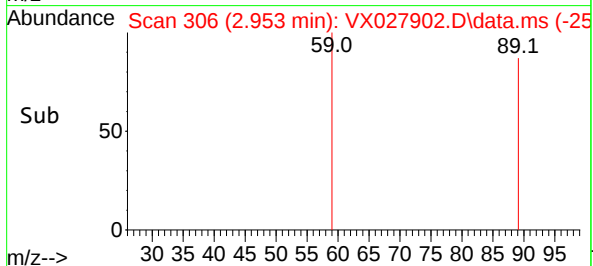
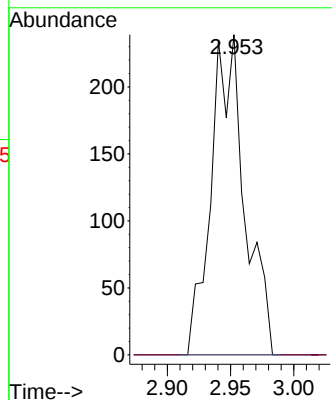
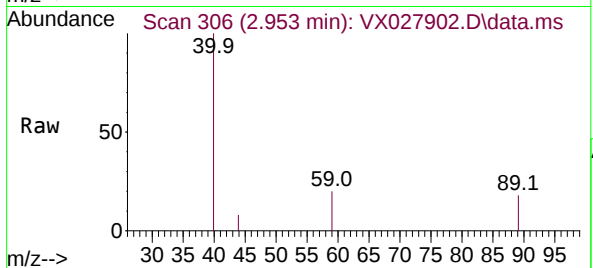
MW-1R

Tgt Ion: 59 Resp: 439

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#14

Allyl chloride

Concen: 0.524 ug/l

RT: 2.526 min Scan# 236

Delta R.T. -0.140 min

Lab File: VX027902.D

Acq: 02 Apr 2022 00:07

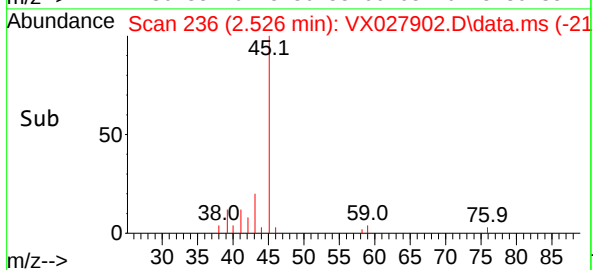
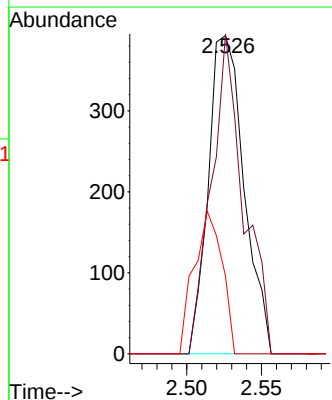
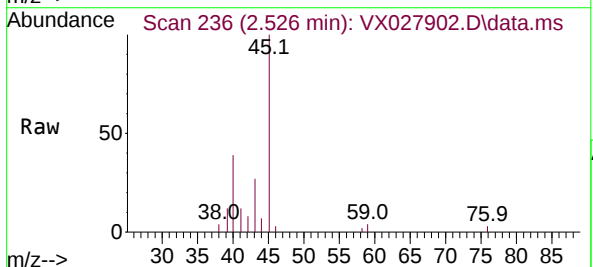
Tgt Ion: 41 Resp: 654

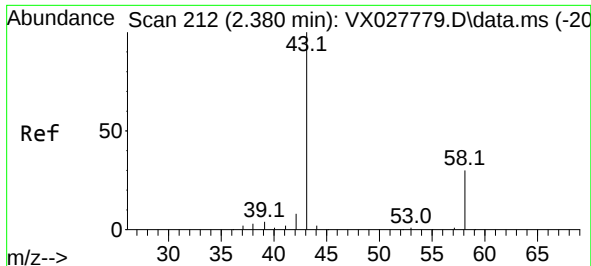
Ion Ratio Lower Upper

41 100

39 90.5 50.4 75.6#

76 35.2 32.7 49.1





#16

Acetone

Concen: 1.448 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.007 min

Lab File: VX027902.D

Acq: 02 Apr 2022 00:07

Instrument :

MSVOA_X

ClientSampleId :

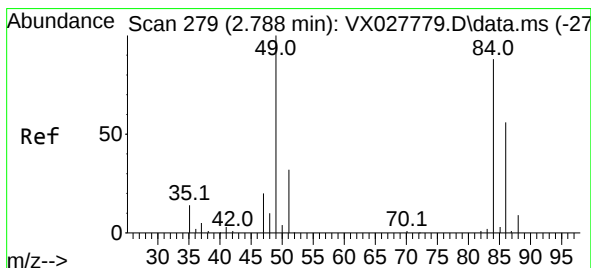
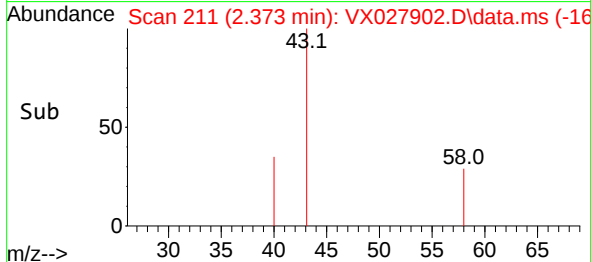
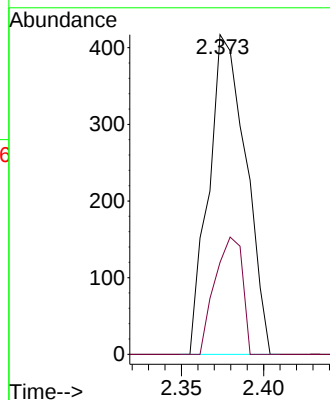
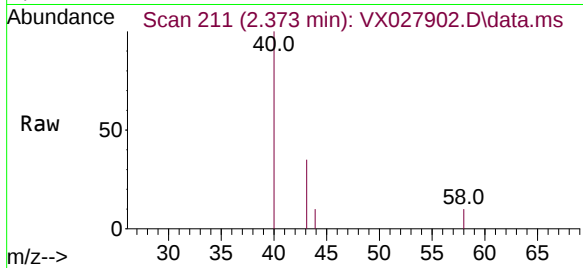
MW-1R

Tgt Ion: 43 Resp: 655

Ion Ratio Lower Upper

43 100

58 28.8 28.8 43.2#



#20

Methylene Chloride

Concen: 0.409 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX027902.D

Acq: 02 Apr 2022 00:07

Tgt Ion: 84 Resp: 333

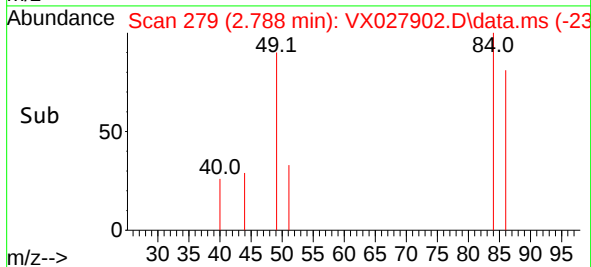
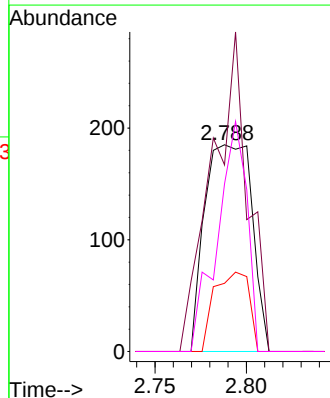
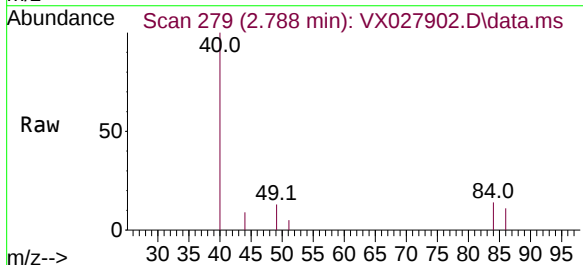
Ion Ratio Lower Upper

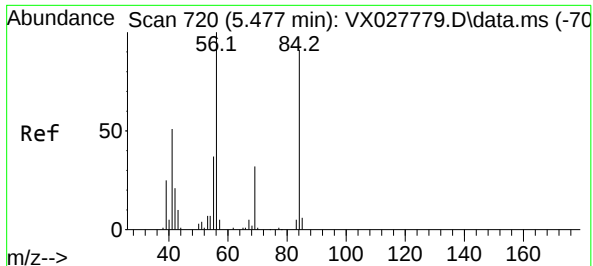
84 100

49 90.3 85.5 128.3

51 33.0 26.6 39.8

86 81.1 51.5 77.3#

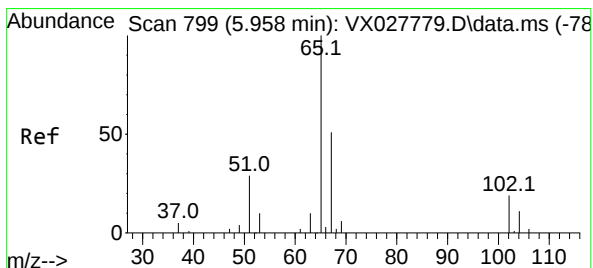
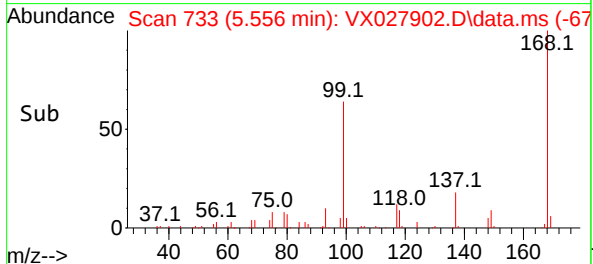
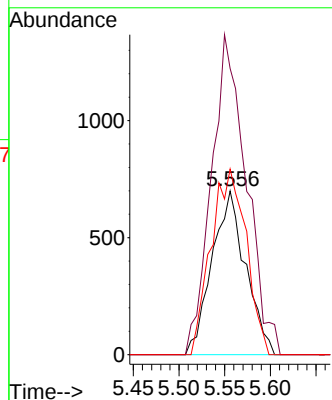
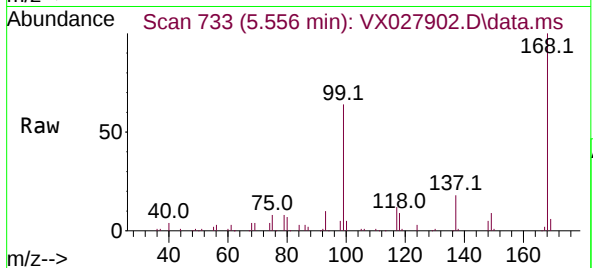




#31
Cyclohexane
Concen: 1.587 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.079 min
Lab File: VX027902.D
Acq: 02 Apr 2022 00:07

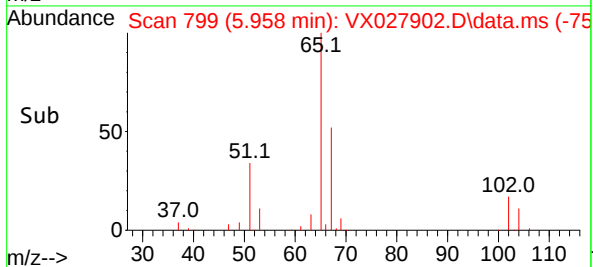
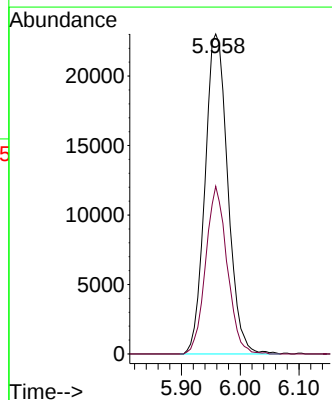
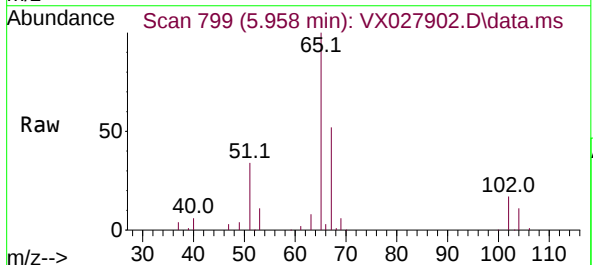
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

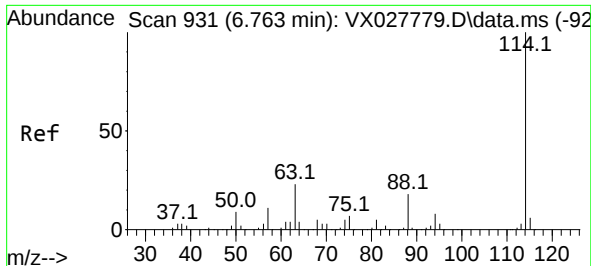
Tgt Ion: 56 Resp: 1793
Ion Ratio Lower Upper
56 100
69 175.0 26.7 40.1#
84 113.4 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 60.705 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027902.D
Acq: 02 Apr 2022 00:07

Tgt Ion: 65 Resp: 62026
Ion Ratio Lower Upper
65 100
67 49.6 0.0 107.4

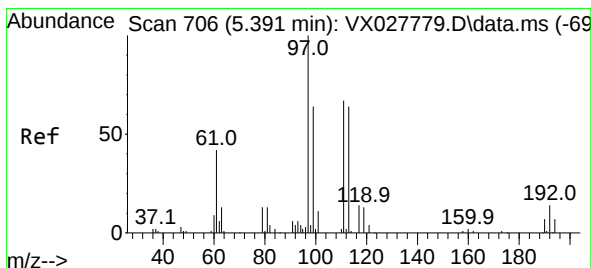
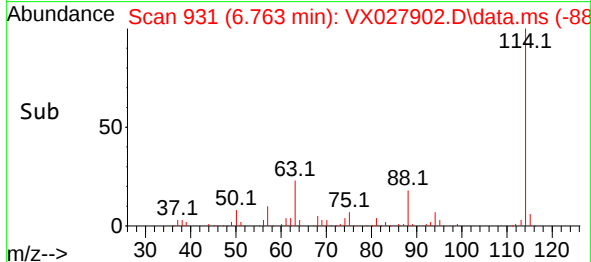
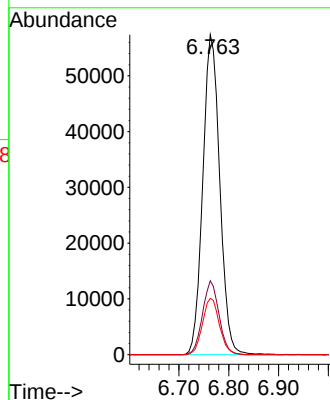
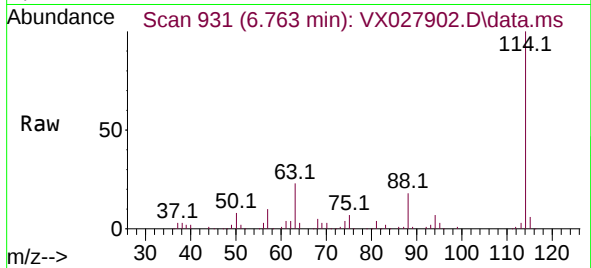




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027902.D
Acq: 02 Apr 2022 00:07

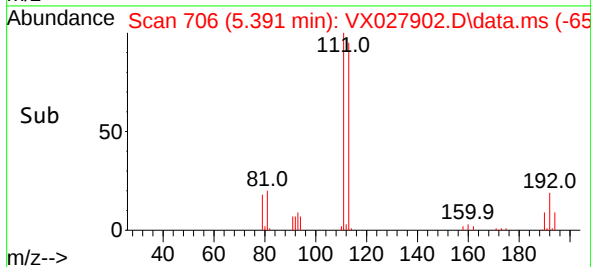
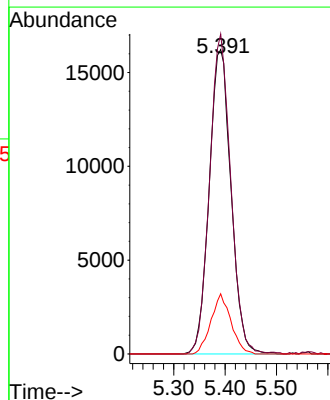
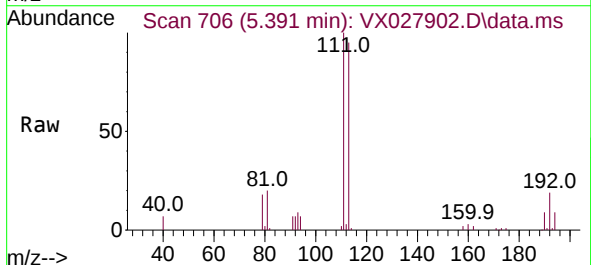
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

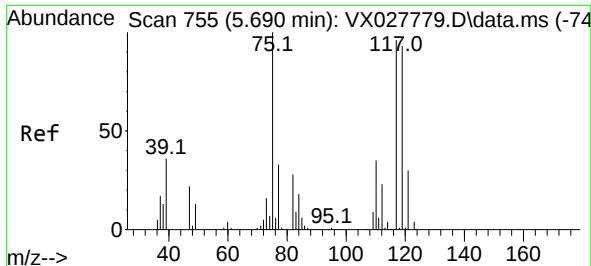
Tgt Ion:114 Resp: 135538
Ion Ratio Lower Upper
114 100
63 23.1 0.0 36.8
88 17.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 54.583 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027902.D
Acq: 02 Apr 2022 00:07

Tgt Ion:113 Resp: 47753
Ion Ratio Lower Upper
113 100
111 101.7 82.8 124.2
192 18.1 16.9 25.3





#36

1,1-Dichloropropene

Concen: 6.117 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX027902.D

Acq: 02 Apr 2022 00:07

Instrument :

MSVOA_X

ClientSampleId :

MW-1R

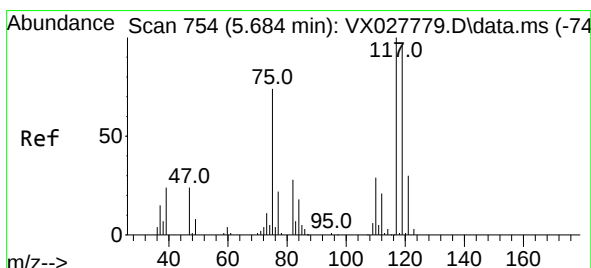
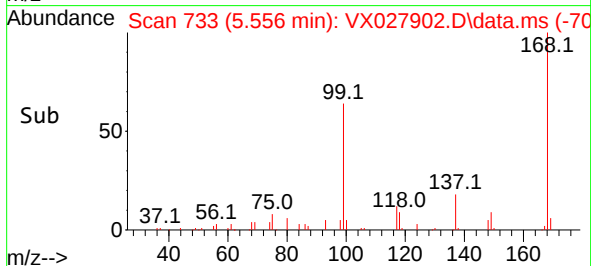
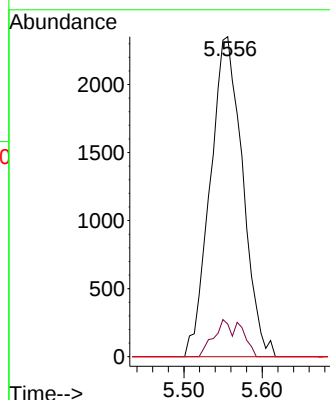
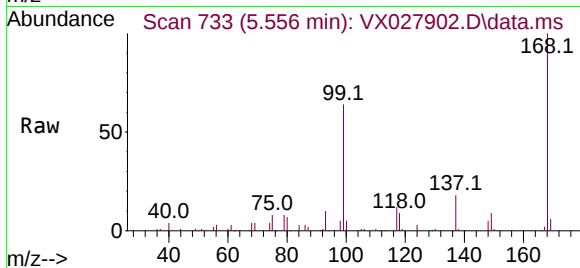
Tgt Ion: 75 Resp: 6740

Ion Ratio Lower Upper

75 100

110 6.3 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 7.163 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX027902.D

Acq: 02 Apr 2022 00:07

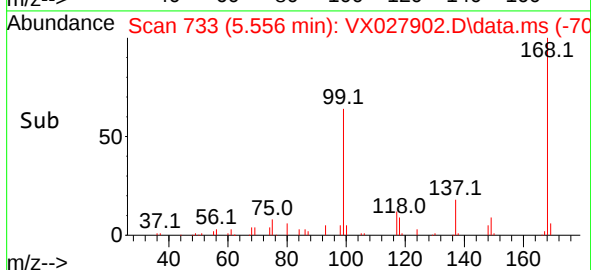
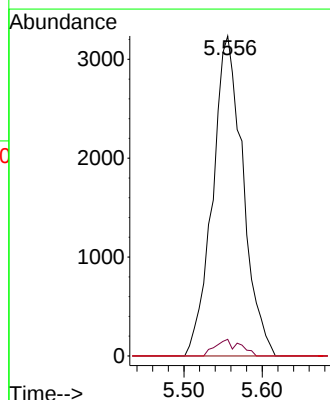
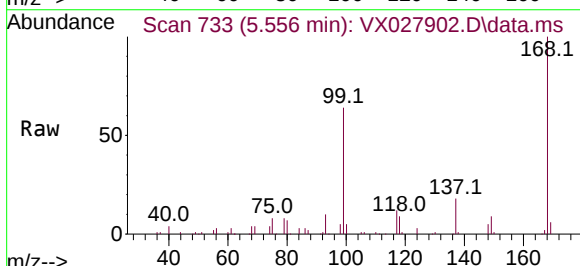
Tgt Ion: 117 Resp: 8720

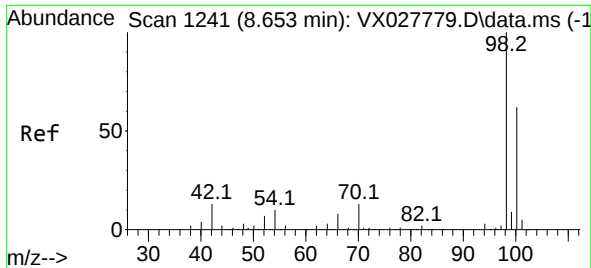
Ion Ratio Lower Upper

117 100

119 5.2 77.3 115.9#

121 0.0 24.2 36.2#

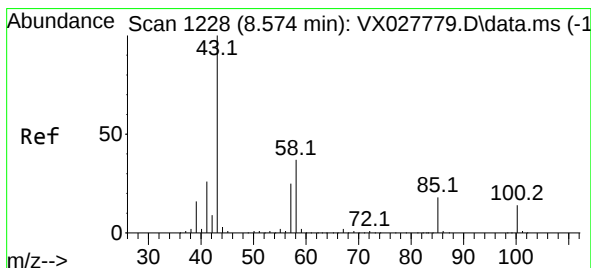
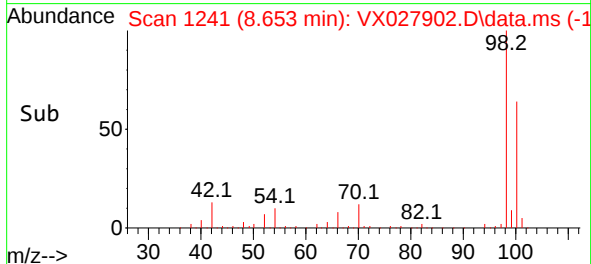
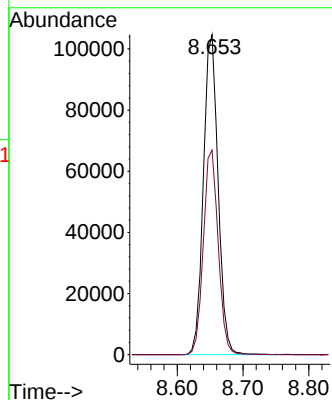
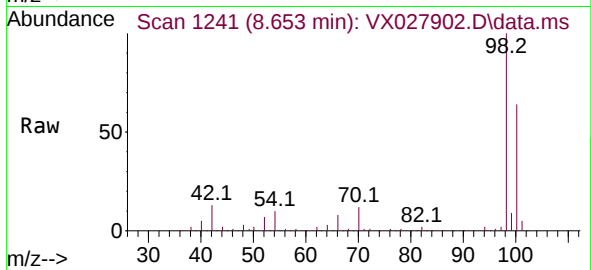




#50
Toluene-d8
Concen: 52.892 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027902.D
Acq: 02 Apr 2022 00:07

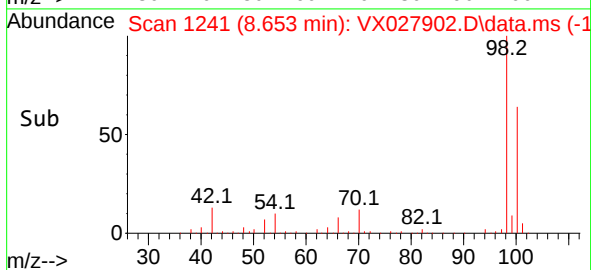
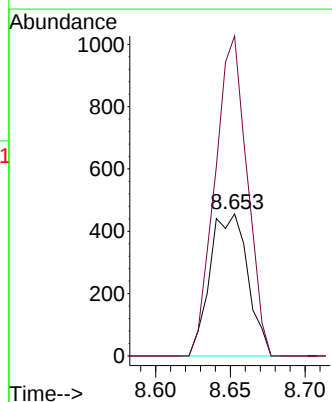
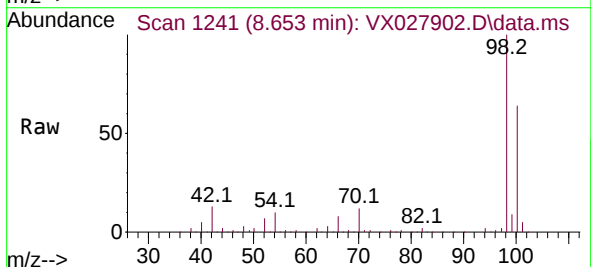
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

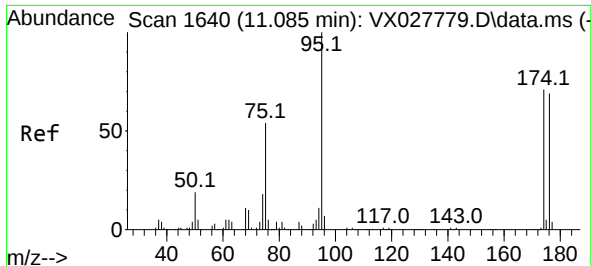
Tgt Ion: 98 Resp: 162809
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.526 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX027902.D
Acq: 02 Apr 2022 00:07

Tgt Ion: 43 Resp: 799
Ion Ratio Lower Upper
43 100
58 192.1 36.1 54.1#





#62

4-Bromofluorobenzene

Concen: 49.861 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX027902.D

Acq: 02 Apr 2022 00:07

Instrument :

MSVOA_X

ClientSampleId :

MW-1R

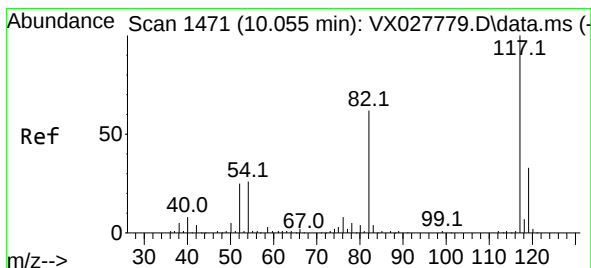
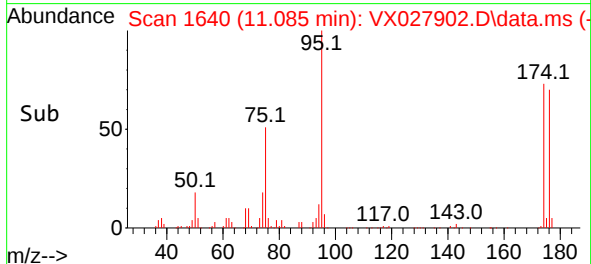
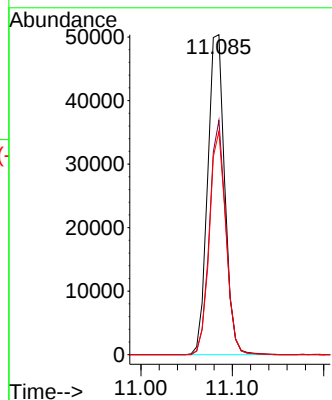
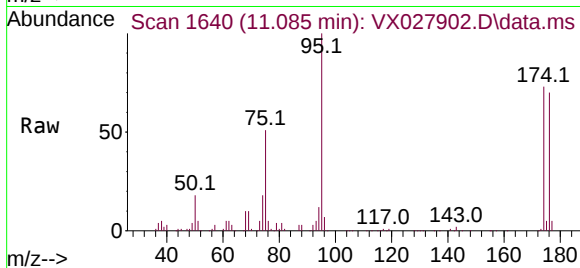
Tgt Ion: 95 Resp: 65223

Ion Ratio Lower Upper

95 100

174 70.2 0.0 163.0

176 67.7 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: VX027902.D

Acq: 02 Apr 2022 00:07

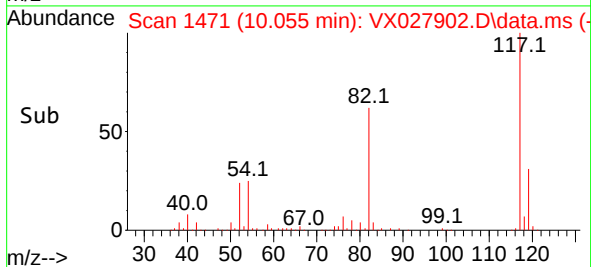
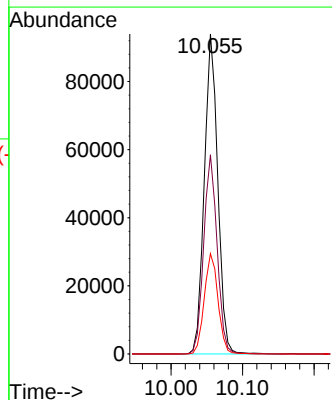
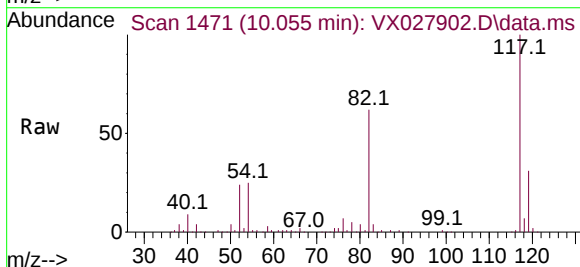
Tgt Ion: 117 Resp: 122889

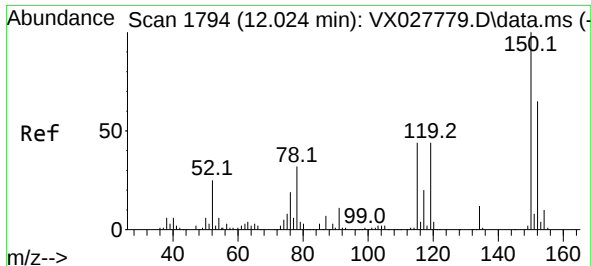
Ion Ratio Lower Upper

117 100

82 62.3 41.8 62.8

119 31.4 24.8 37.2

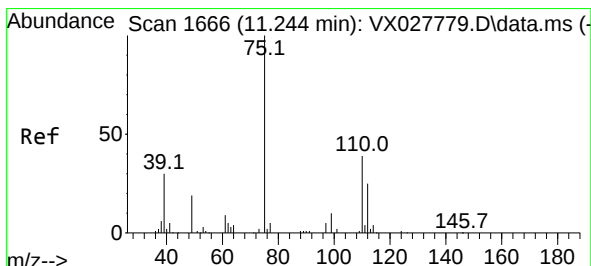
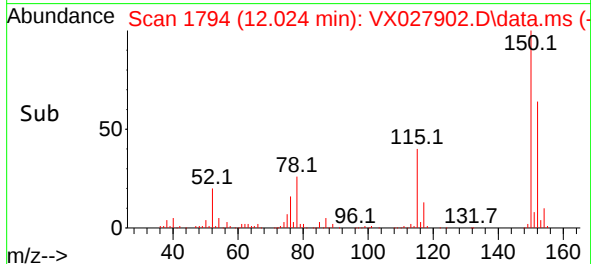
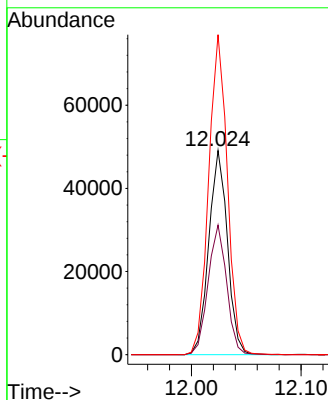
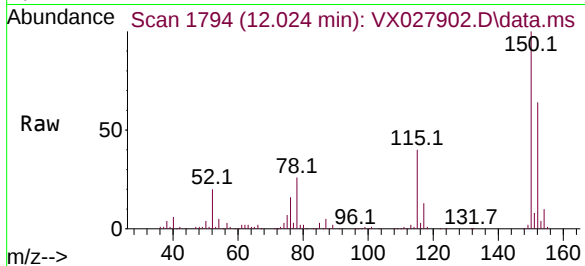




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027902.D
 Acq: 02 Apr 2022 00:07

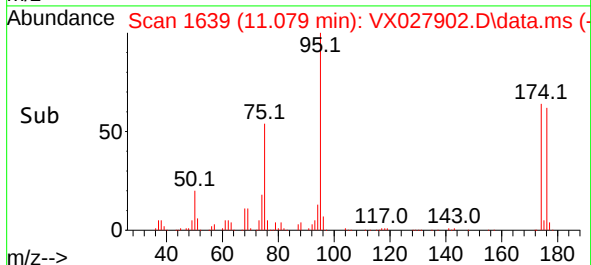
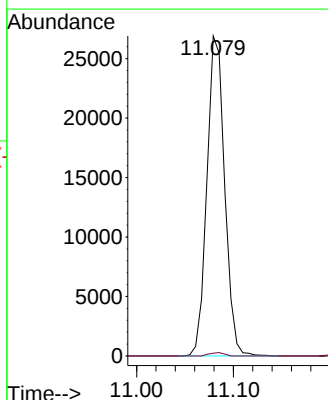
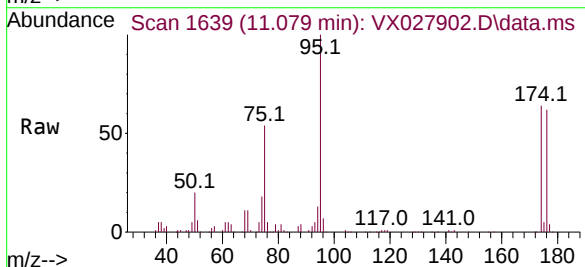
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1R

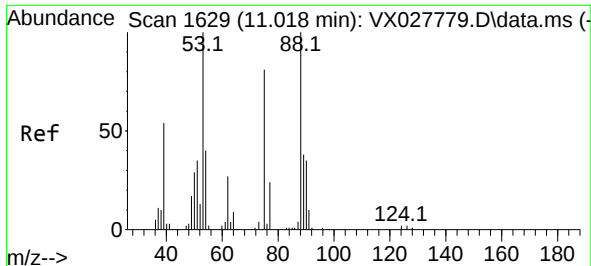
Tgt Ion:152 Resp: 58026
 Ion Ratio Lower Upper
 152 100
 115 63.4 37.5 112.7
 150 157.1 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 25.242 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX027902.D
 Acq: 02 Apr 2022 00:07

Tgt Ion: 75 Resp: 34359
 Ion Ratio Lower Upper
 75 100
 77 0.8 19.4 58.2#

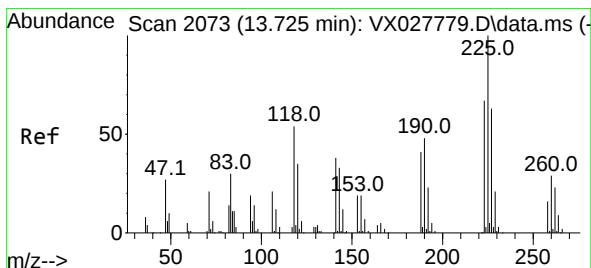
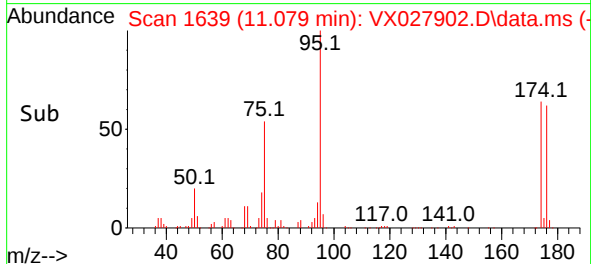
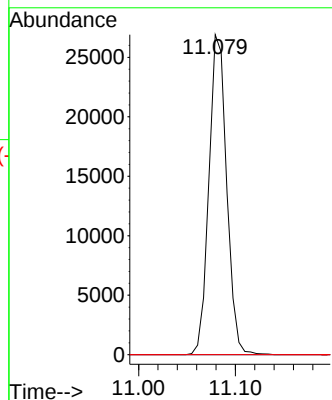
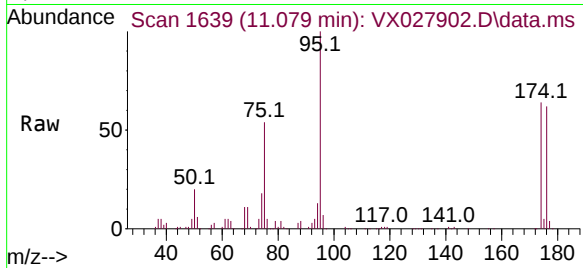




#81
trans-1,4-Dichloro-2-butene
Concen: 74.078 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX027902.D
Acq: 02 Apr 2022 00:07

Instrument :
MSVOA_X
ClientSampleId :
MW-1R

Tgt Ion: 75 Resp: 34359
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#94
Hexachlorobutadiene
Concen: 1.068 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX027902.D
Acq: 02 Apr 2022 00:07

Tgt Ion: 225 Resp: 134
Ion Ratio Lower Upper
225 100
223 59.7 34.2 102.5
227 0.0 33.9 101.7#

