

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070921\
 Data File : VX023220.D
 Acq On : 09 Jul 2021 14:53
 Operator : JC/MD
 Sample : M2953-10DL 400X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06-6.5-11.5-070621DL

Quant Time: Jul 10 04:20:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

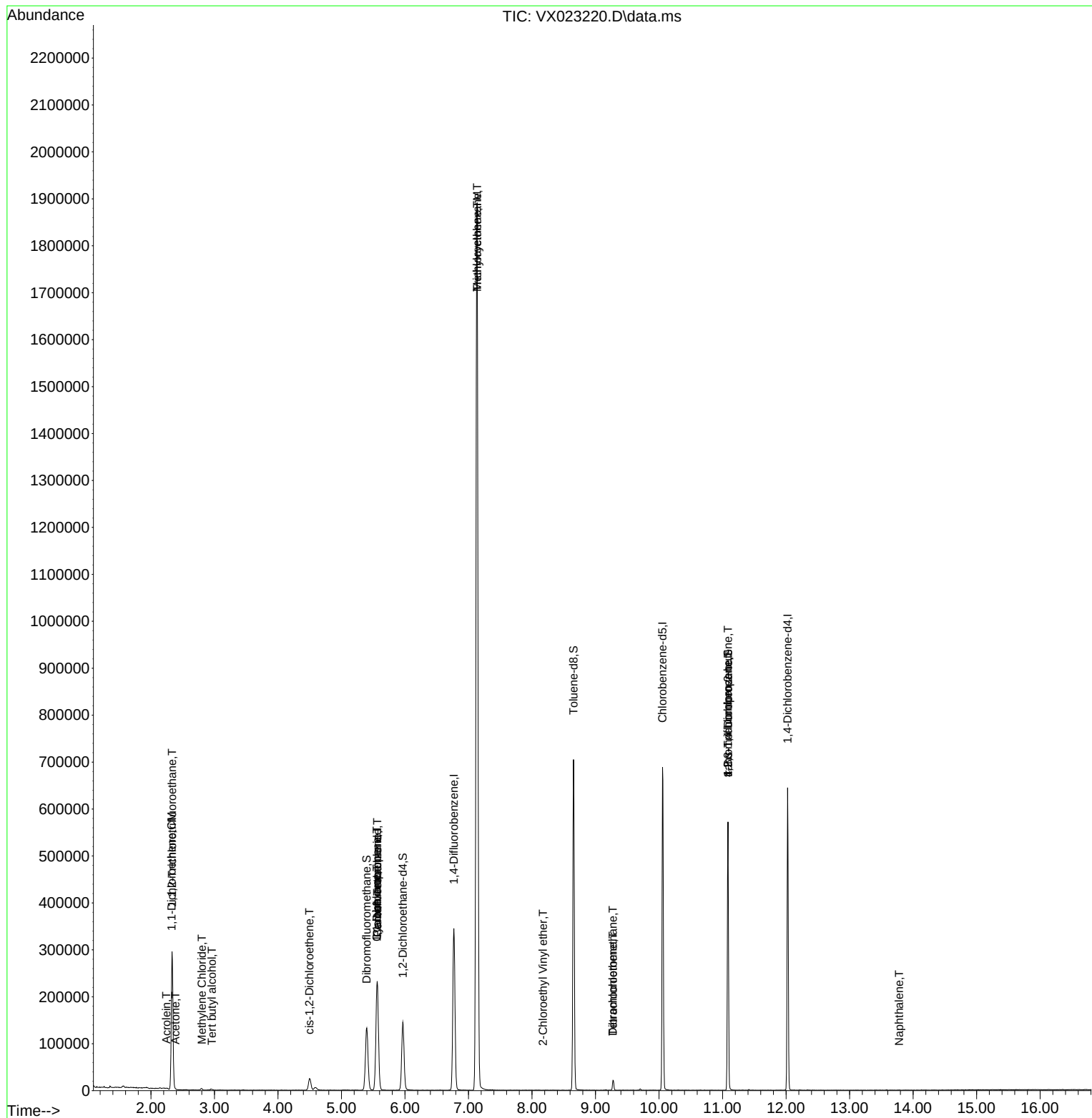
Internal Standards						
1) Pentafluorobenzene	5.562	168	216324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	353385	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	310741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	146053	50.235	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.480%		
35) Dibromofluoromethane	5.397	113	115074	50.427	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.860%		
50) Toluene-d8	8.653	98	418530	49.167	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 98.340%		
62) 4-Bromofluorobenzene	11.085	95	148800	45.279	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 90.560%		
Target Compounds						Qvalue
5) Bromomethane	1.587	94	148	Below Cal	#	2
9) 1,1,2-Trichlorotrifluo...	2.331	101	113569	54.357	ug/l	98
11) Tert butyl alcohol	2.959	59	1306	2.135	ug/l #	73
12) 1,1-Dichloroethene	2.325	96	1366	0.708	ug/l	95
13) Acrolein	2.239	56	328	0.805	ug/l #	46
16) Acetone	2.386	43	1202	1.045	ug/l #	73
20) Methylene Chloride	2.800	84	1575	0.636	ug/l #	81
27) cis-1,2-Dichloroethene	4.495	96	15930	6.315	ug/l	93
31) Cyclohexane	5.556	56	4669	1.341	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	16510	5.241	ug/l #	50
38) Carbon Tetrachloride	5.562	117	22370	6.803	ug/l #	17
39) Methylcyclohexane	7.135	83	9019	2.448	ug/l #	1
44) Trichloroethene	7.135	130	741519	285.785	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.171	63	19	4.699	ug/l #	45
60) Dibromochloromethane	9.275	129	4082	4.492	ug/l #	11
64) Tetrachloroethene	9.275	164	3936	1.588	ug/l	89
76) 1,2,3-Trichloropropane	11.085	75	77116	28.801	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	77116	77.523	ug/l #	12
95) Naphthalene	13.780	128	280	1.303	ug/l #	69

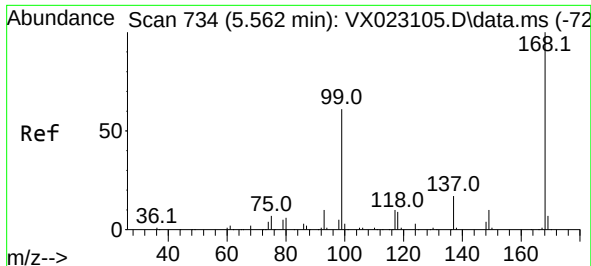
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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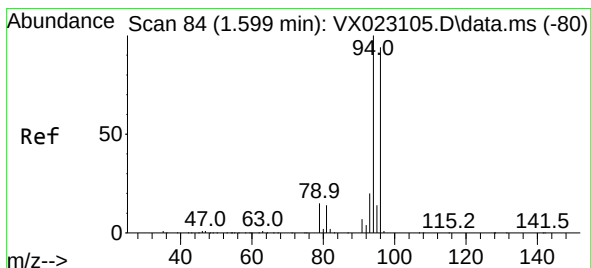
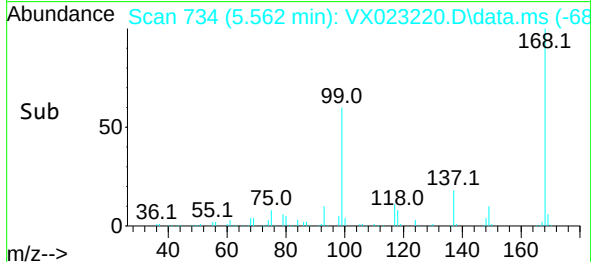
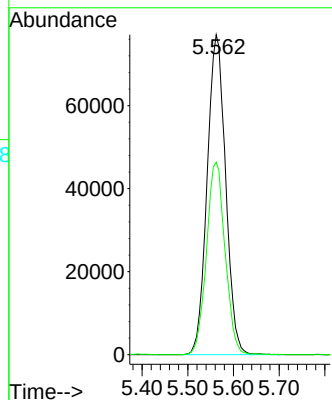
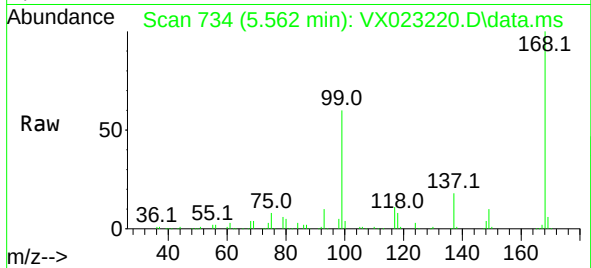




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023220.D
Acq: 09 Jul 2021 14:53

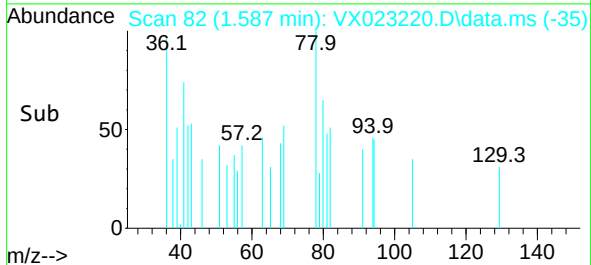
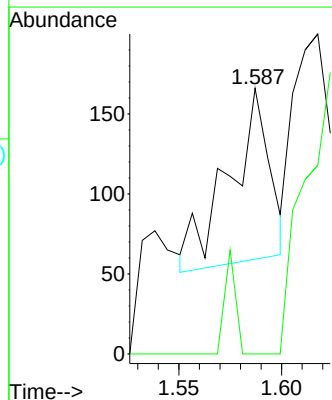
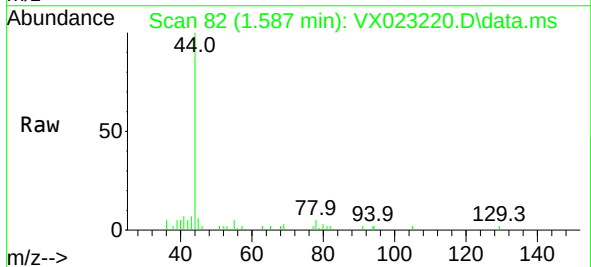
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-11.5-070621DL

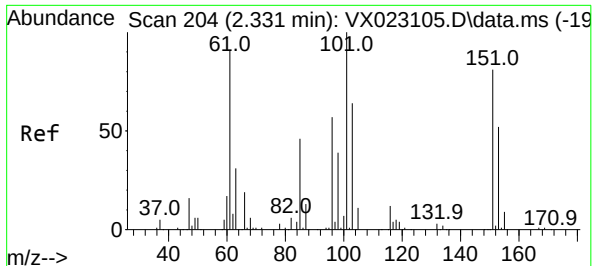
Tgt Ion:168 Resp: 216324
Ion Ratio Lower Upper
168 100
99 60.1 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.587 min Scan# 82
Delta R.T. -0.012 min
Lab File: VX023220.D
Acq: 09 Jul 2021 14:53

Tgt Ion: 94 Resp: 148
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#

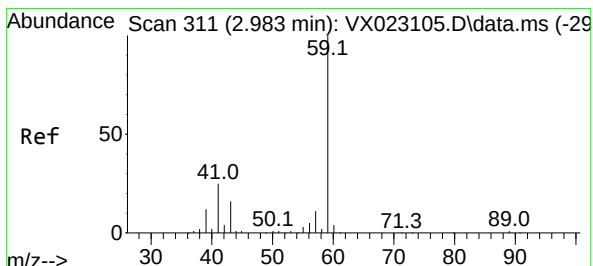
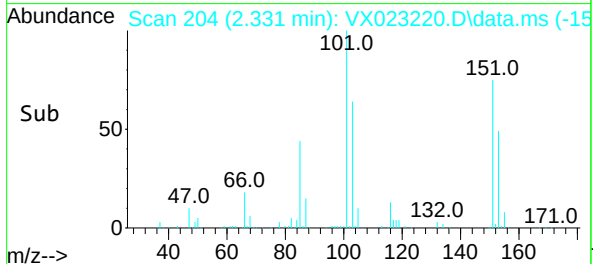
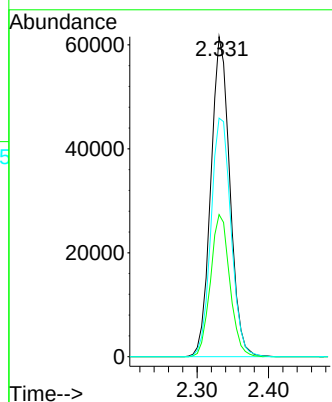
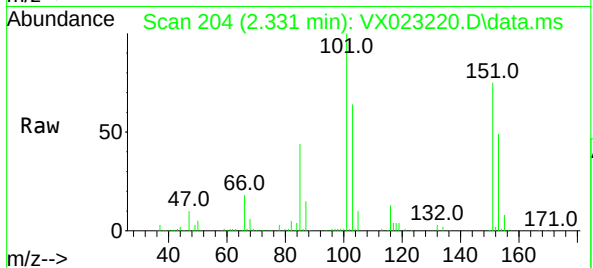




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.357 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX023220.D
Acq: 09 Jul 2021 14:53

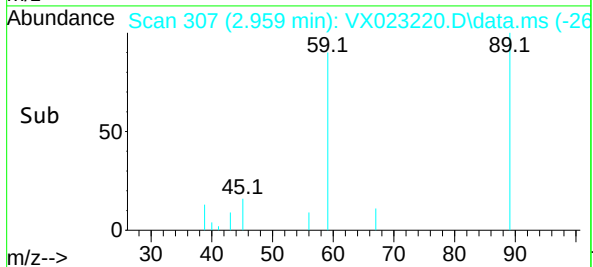
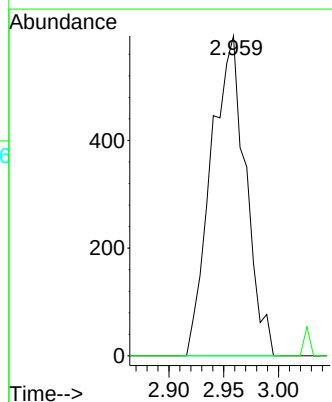
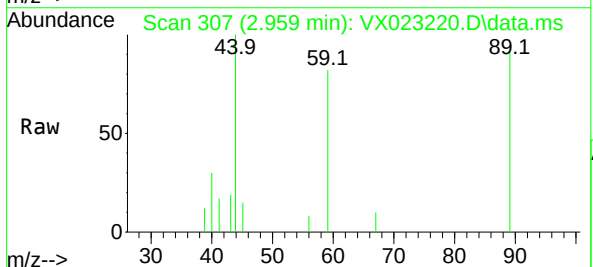
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-11.5-070621DL

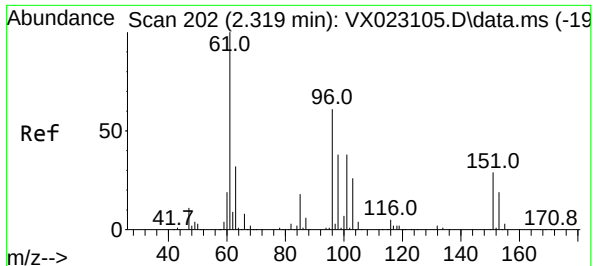
Tgt Ion:101 Resp: 113569
Ion Ratio Lower Upper
101 100
85 45.1 34.9 52.3
151 78.8 61.4 92.2



#11
Tert butyl alcohol
Concen: 2.135 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023220.D
Acq: 09 Jul 2021 14:53

Tgt Ion: 59 Resp: 1306
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 0.708 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX023220.D

Acq: 09 Jul 2021 14:53

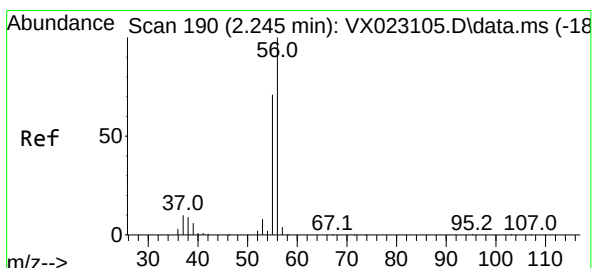
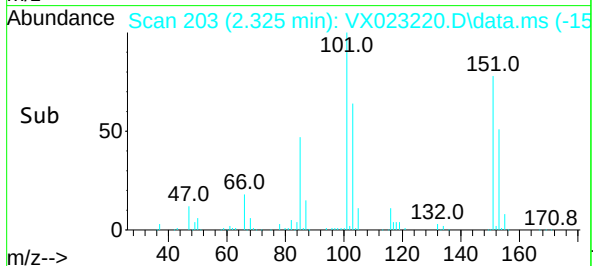
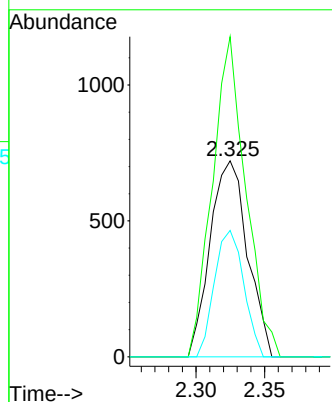
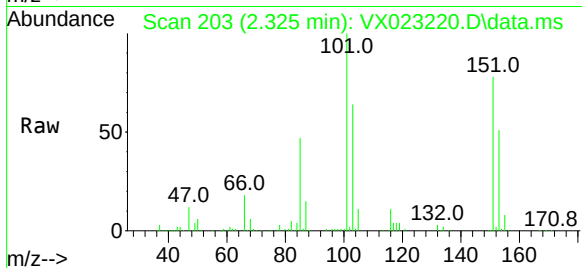
Tgt Ion: 96 Resp: 1366

Ion Ratio Lower Upper

96 100

61 163.4 124.6 187.0

98 64.5 50.6 76.0



#13

Acrolein

Concen: 0.805 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.006 min

Lab File: VX023220.D

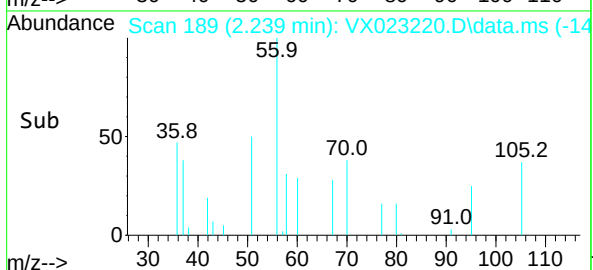
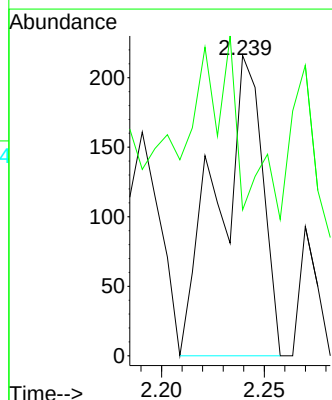
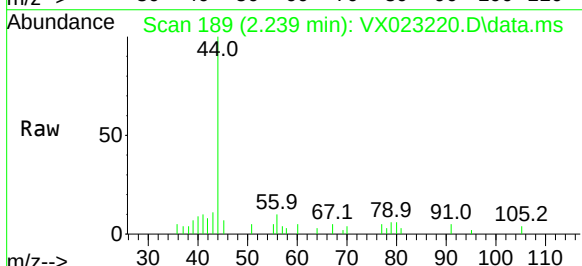
Acq: 09 Jul 2021 14:53

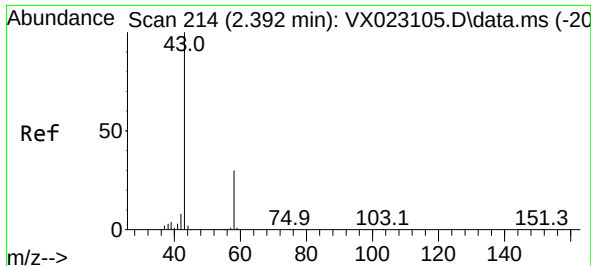
Tgt Ion: 56 Resp: 328

Ion Ratio Lower Upper

56 100

55 26.2 56.4 84.6#

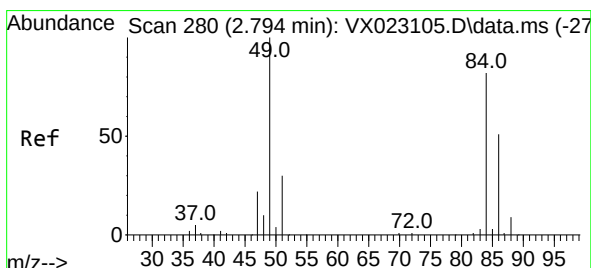
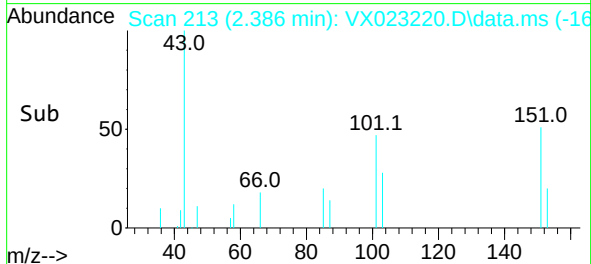
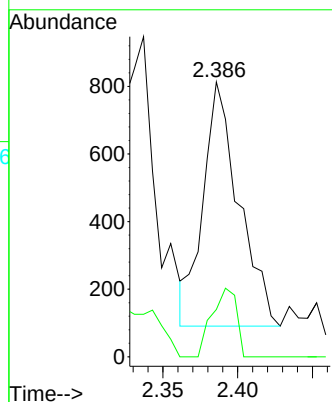
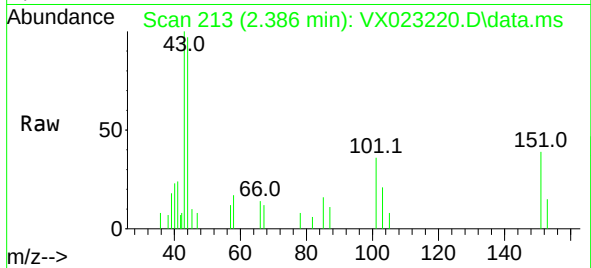




#16
Acetone
Concen: 1.045 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023220.D
Acq: 09 Jul 2021 14:53

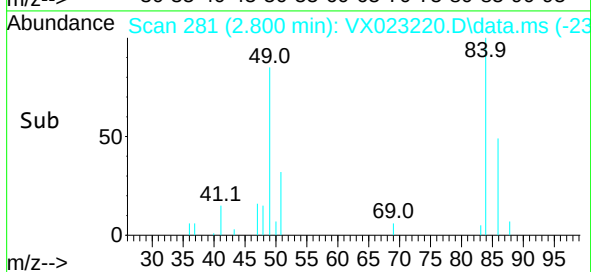
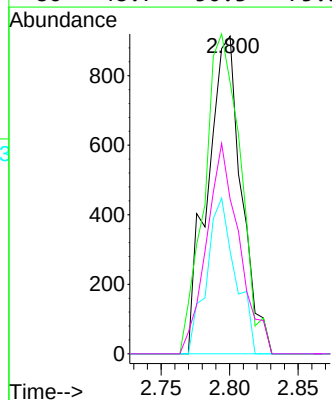
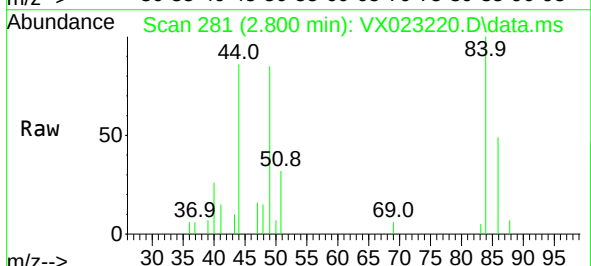
Instrument :
MSVOA_X
ClientSampleID :
MW-06-6.5-11.5-070621DL

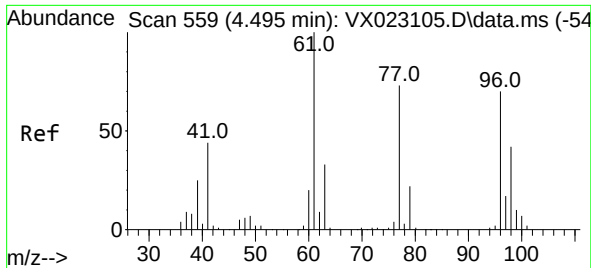
Tgt Ion: 43 Resp: 1202
Ion Ratio Lower Upper
43 100
58 19.4 27.8 41.8#



#20
Methylene Chloride
Concen: 0.636 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023220.D
Acq: 09 Jul 2021 14:53

Tgt Ion: 84 Resp: 1575
Ion Ratio Lower Upper
84 100
49 85.4 88.6 132.8#
51 32.4 27.0 40.6
86 48.7 50.3 75.5#





#27

cis-1,2-Dichloroethene

Concen: 6.315 ug/l

RT: 4.495 min Scan# 559

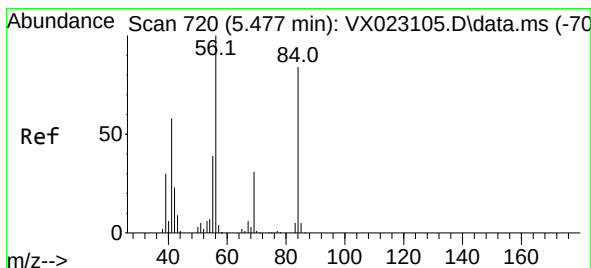
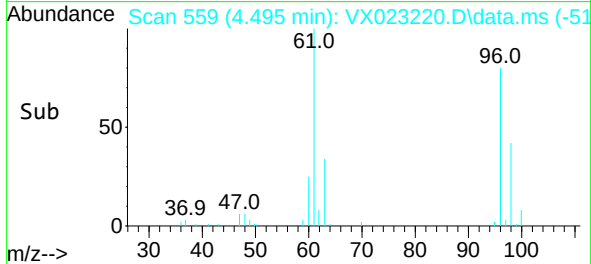
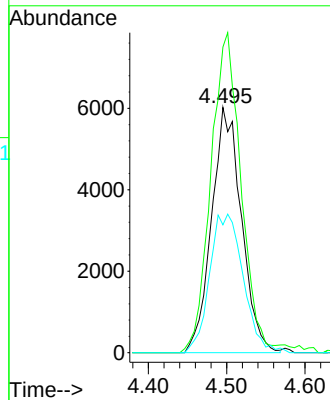
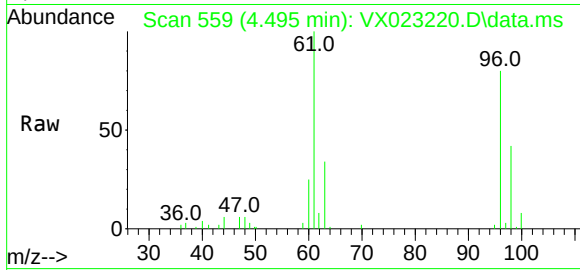
Delta R.T. 0.000 min

Lab File: VX023220.D

Acq: 09 Jul 2021 14:53

Tgt Ion: 96 Resp: 15930

Ion	Ratio	Lower	Upper
96	100		
61	131.3	0.0	285.6
98	63.7	0.0	129.6



#31

Cyclohexane

Concen: 1.341 ug/l

RT: 5.556 min Scan# 733

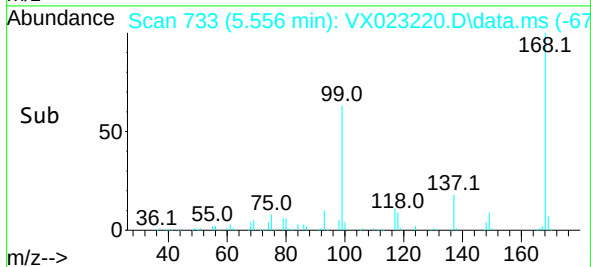
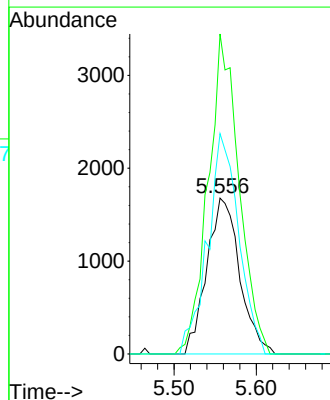
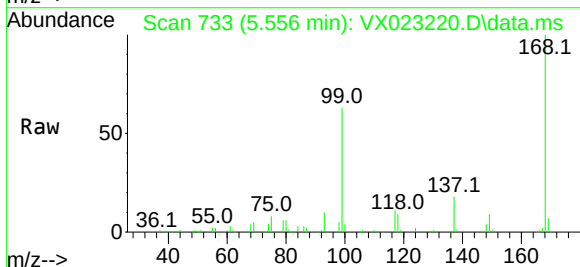
Delta R.T. 0.079 min

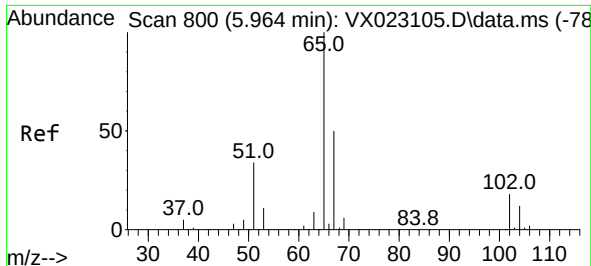
Lab File: VX023220.D

Acq: 09 Jul 2021 14:53

Tgt Ion: 56 Resp: 4669

Ion	Ratio	Lower	Upper
56	100		
69	205.2	25.3	37.9#
84	141.3	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.235 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX023220.D

Acq: 09 Jul 2021 14:53

Tgt Ion: 65 Resp: 146053

Ion Ratio Lower Upper

65 100

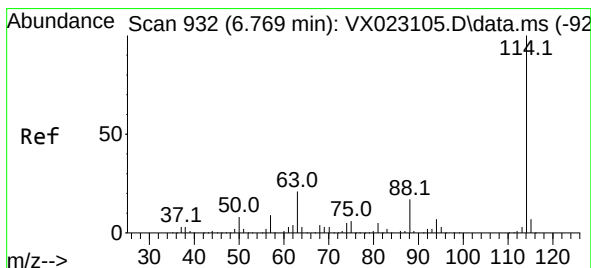
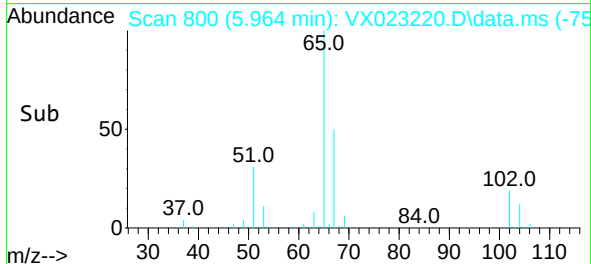
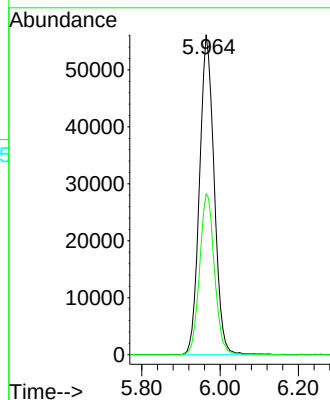
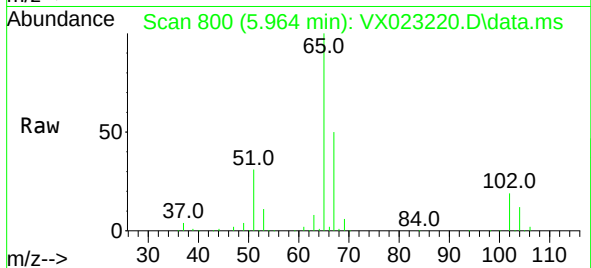
67 50.9 0.0 105.4

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MSVOA_X

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX023220.D

Acq: 09 Jul 2021 14:53

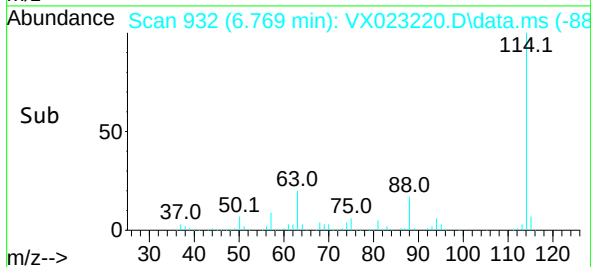
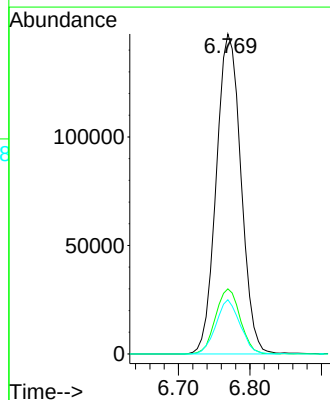
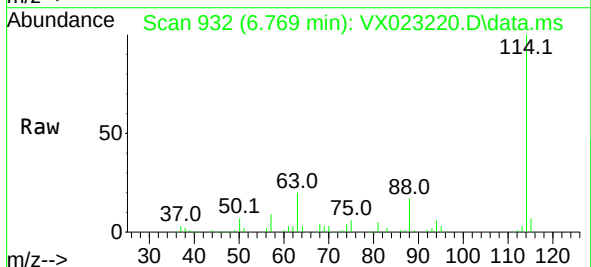
Tgt Ion: 114 Resp: 353385

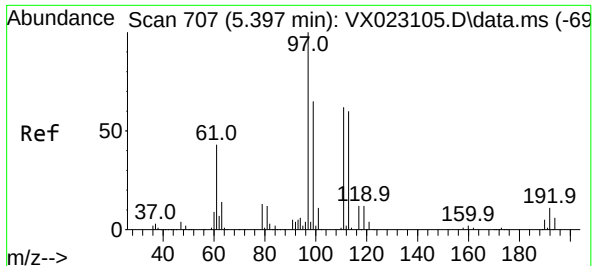
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 16.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.427 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023220.D

Acq: 09 Jul 2021 14:53

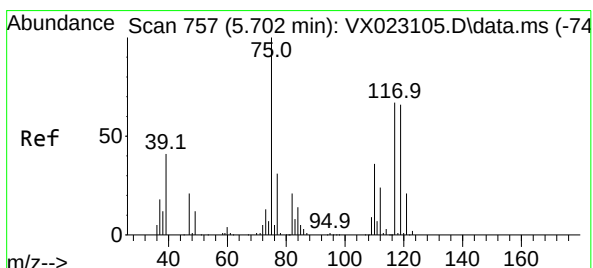
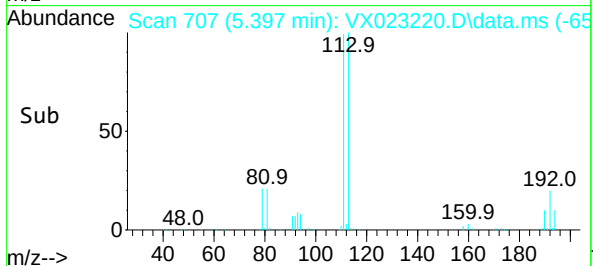
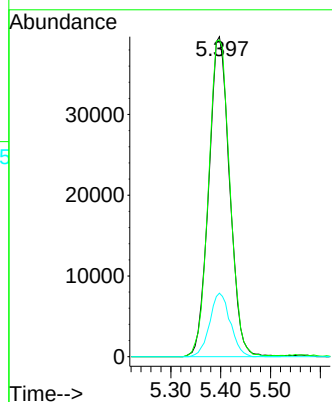
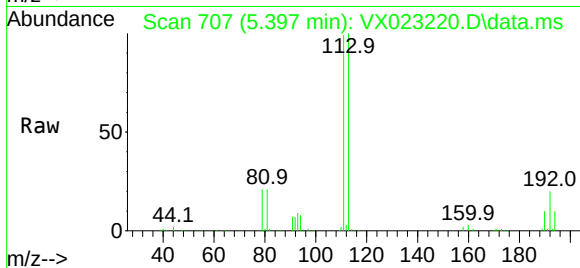
Tgt Ion:113 Resp: 115074

Ion Ratio Lower Upper

113 100

111 101.0 81.9 122.9

192 19.6 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.241 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX023220.D

Acq: 09 Jul 2021 14:53

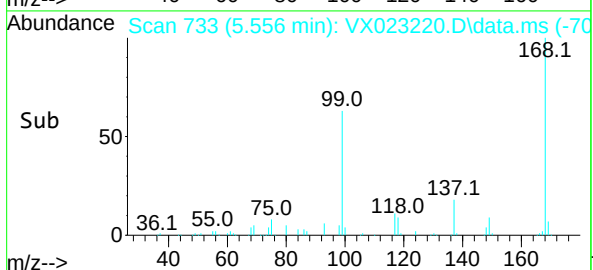
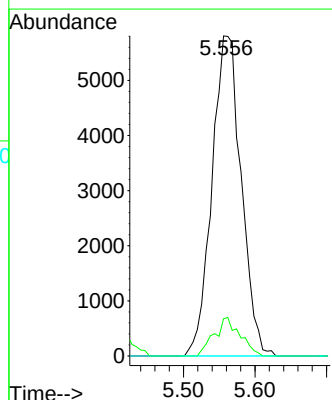
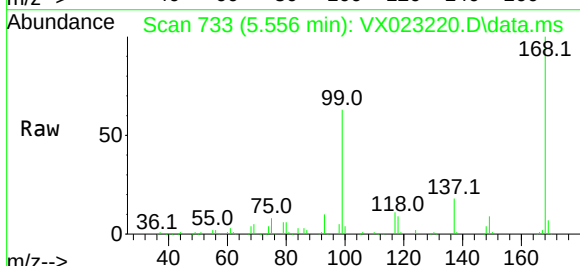
Tgt Ion: 75 Resp: 16510

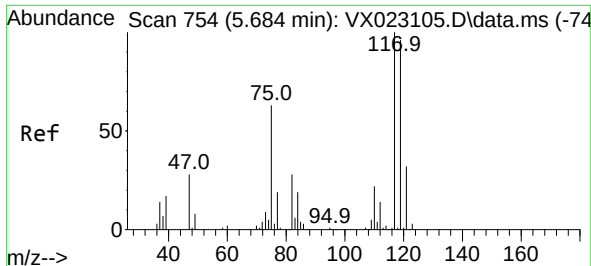
Ion Ratio Lower Upper

75 100

110 10.6 18.1 54.4#

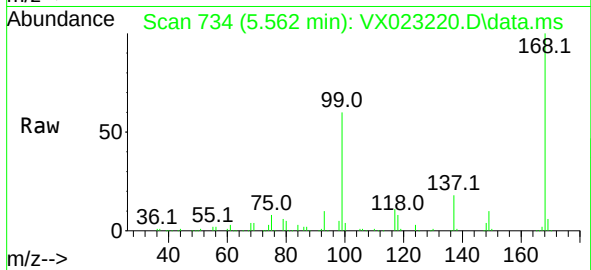
77 0.0 25.3 37.9#



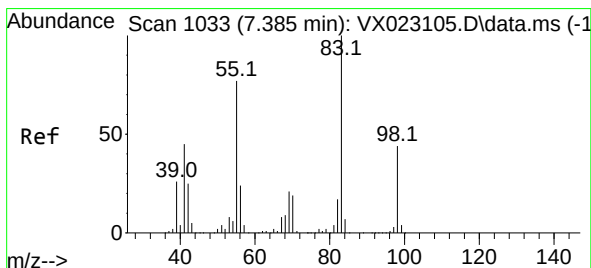
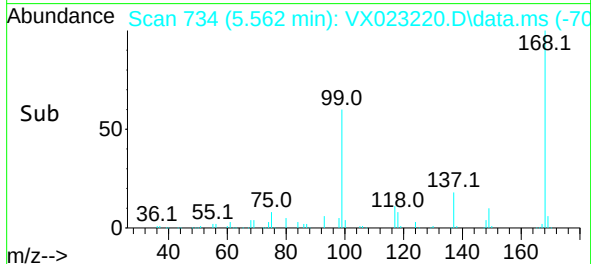
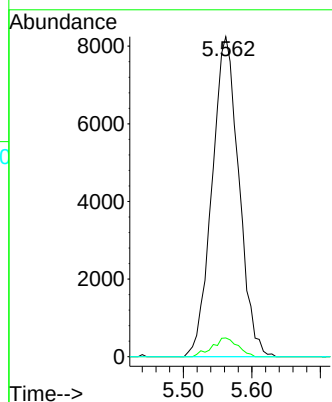


#38
Carbon Tetrachloride
Concen: 6.803 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023220.D
Acq: 09 Jul 2021 14:53

Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-11.5-070621DL

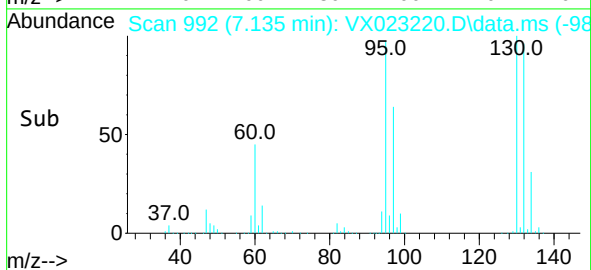
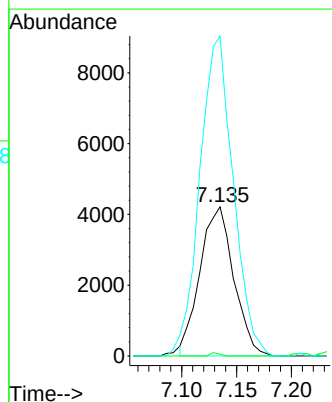
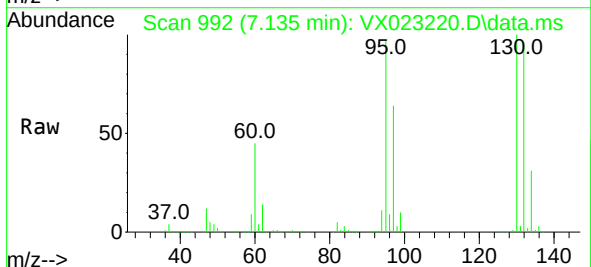


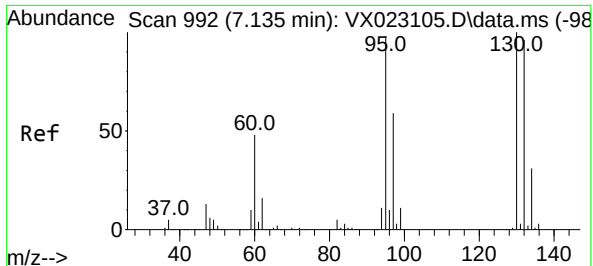
Tgt Ion:117 Resp: 22370
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 2.448 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.250 min
Lab File: VX023220.D
Acq: 09 Jul 2021 14:53

Tgt Ion: 83 Resp: 9019
Ion Ratio Lower Upper
83 100
55 1.2 58.9 88.3#
98 214.7 38.1 57.1#

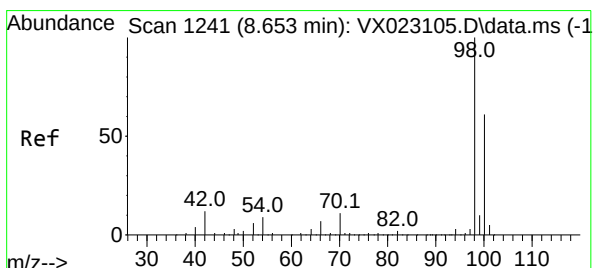
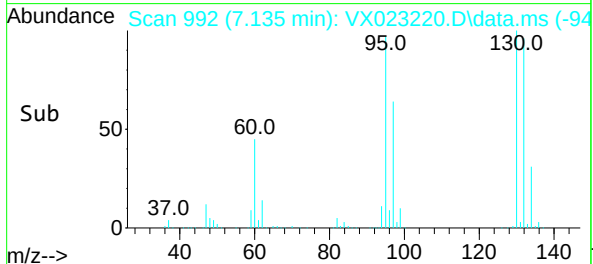
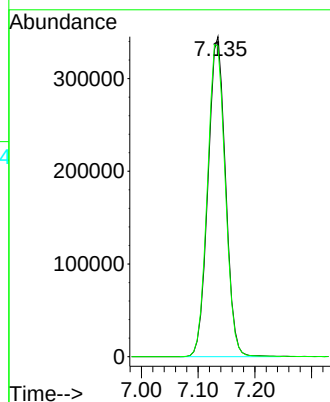
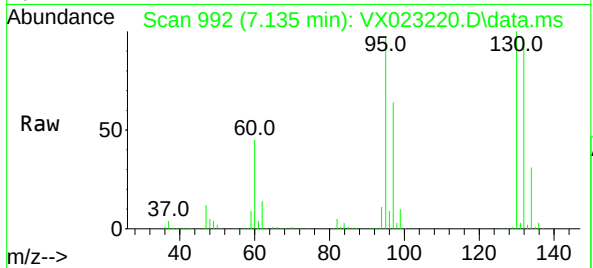




#44
Trichloroethene
Concen: 285.785 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX023220.D
Acq: 09 Jul 2021 14:53

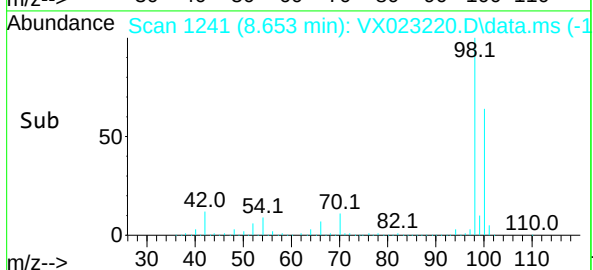
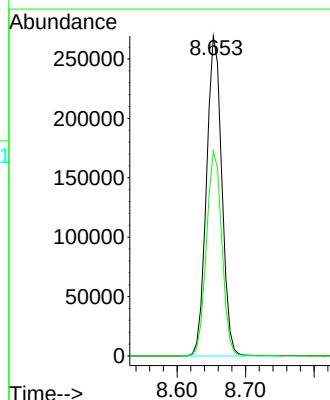
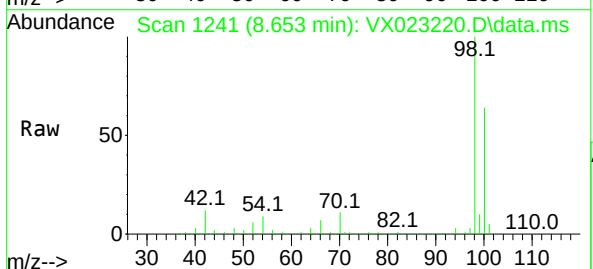
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-11.5-070621DL

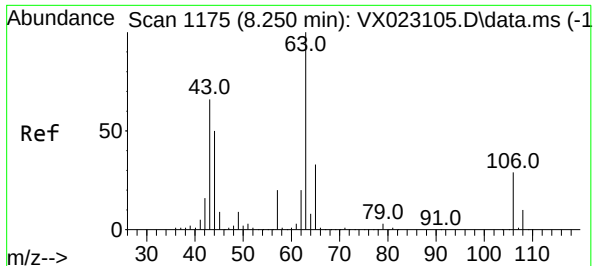
Tgt Ion:130 Resp: 741519
Ion Ratio Lower Upper
130 100
95 97.1 0.0 198.0



#50
Toluene-d8
Concen: 49.167 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023220.D
Acq: 09 Jul 2021 14:53

Tgt Ion: 98 Resp: 418530
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

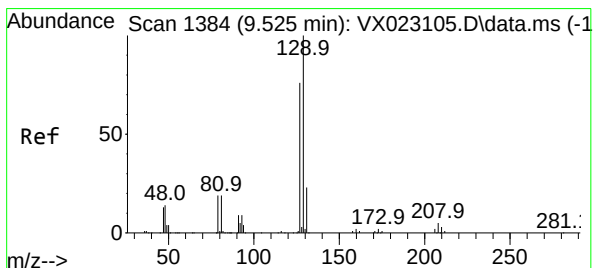
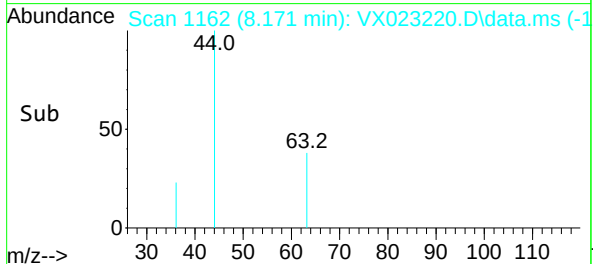
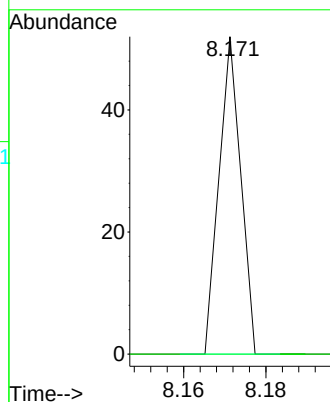
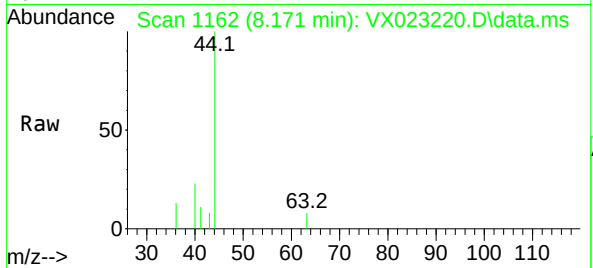




#58
2-Chloroethyl Vinyl ether
Concen: 4.699 ug/l
RT: 8.171 min Scan# 1162
Delta R.T. -0.079 min
Lab File: VX023220.D
Acq: 09 Jul 2021 14:53

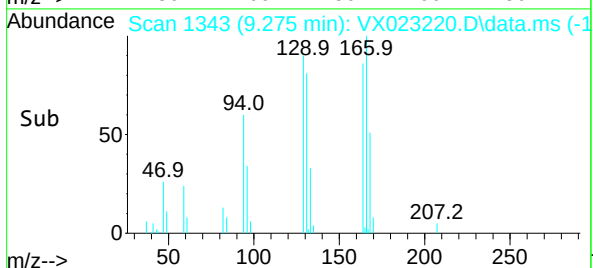
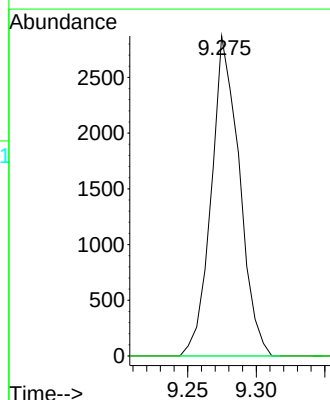
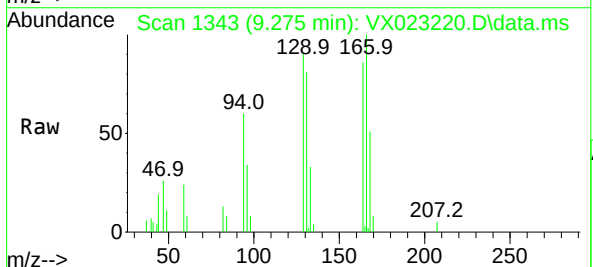
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-11.5-070621DL

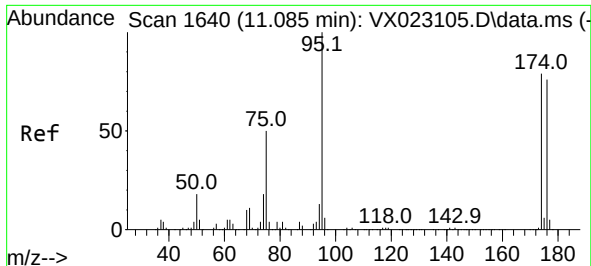
Tgt Ion: 63 Resp: 19
Ion Ratio Lower Upper
63 100
106 0.0 23.5 35.3#



#60
Dibromochloromethane
Concen: 4.492 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023220.D
Acq: 09 Jul 2021 14:53

Tgt Ion: 129 Resp: 4082
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

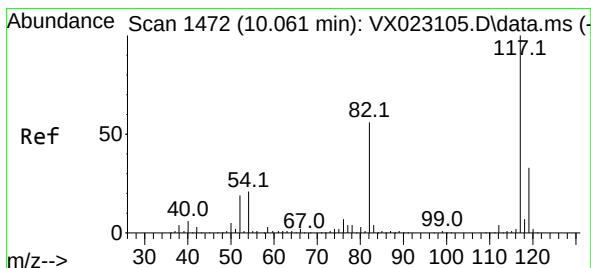
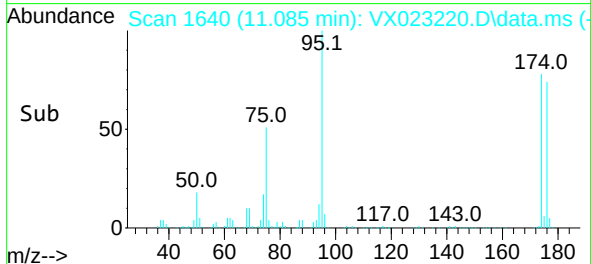
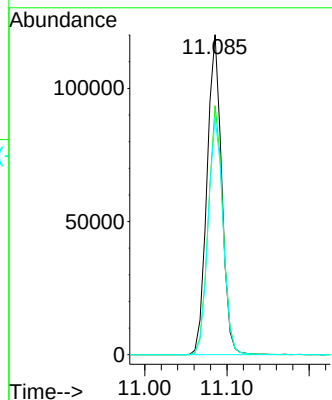
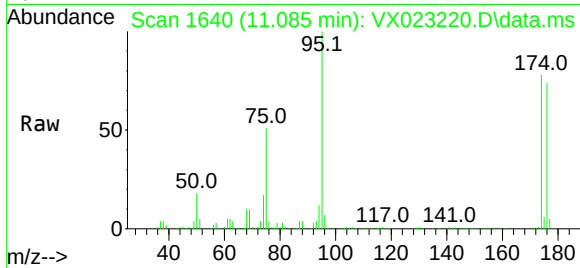




#62
4-Bromofluorobenzene
Concen: 45.279 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023220.D
Acq: 09 Jul 2021 14:53

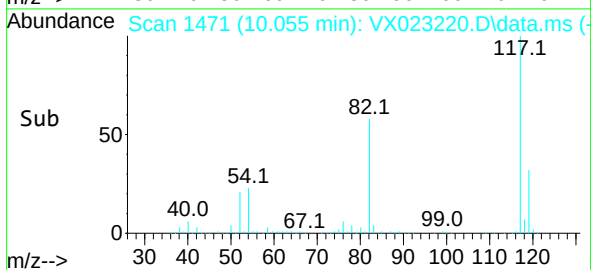
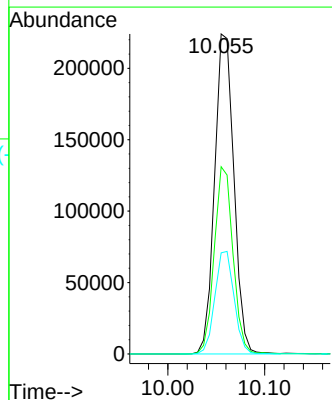
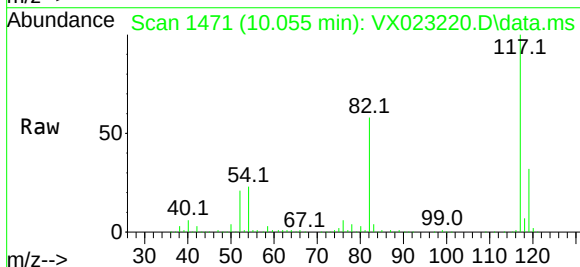
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-11.5-070621DL

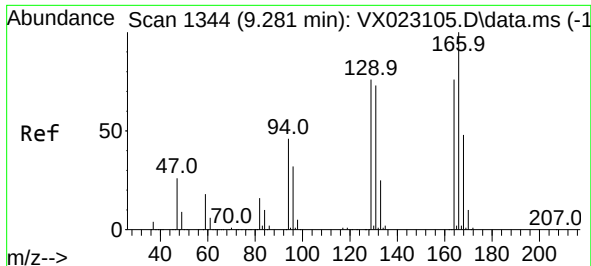
Tgt Ion: 95 Resp: 148800
Ion Ratio Lower Upper
95 100
174 78.0 0.0 154.6
176 75.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023220.D
Acq: 09 Jul 2021 14:53

Tgt Ion: 117 Resp: 310741
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 31.6 26.6 39.8



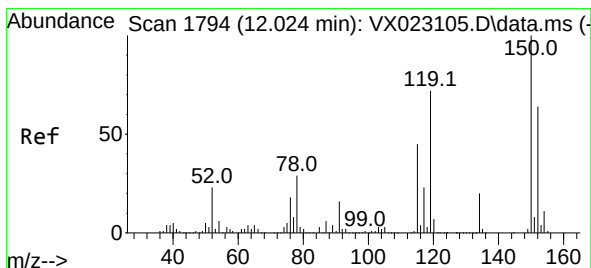
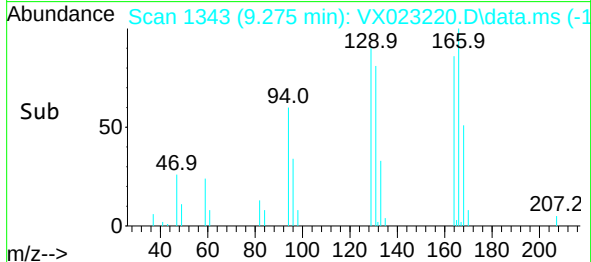
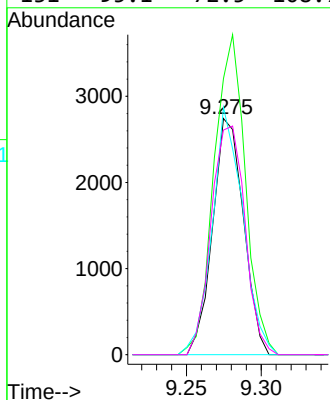
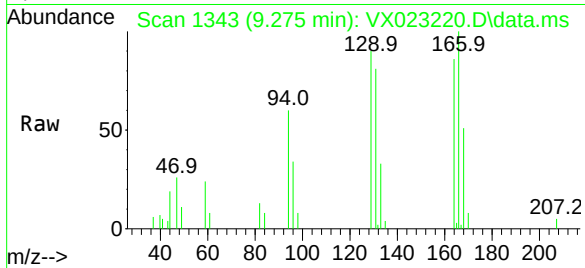


#64
Tetrachloroethene
Concen: 1.588 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX023220.D
Acq: 09 Jul 2021 14:53

Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-11.5-070621DL

Tgt Ion:164 Resp: 3936

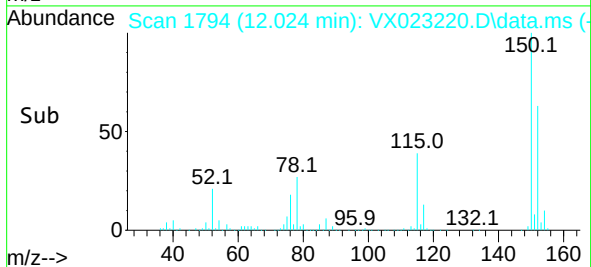
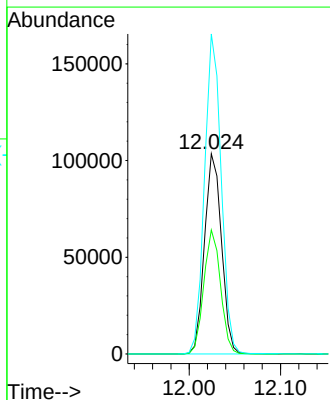
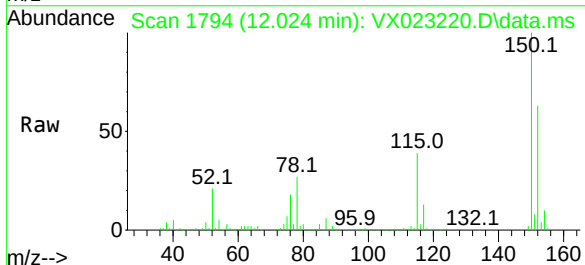
Ion	Ratio	Lower	Upper
164	100		
166	117.0	103.4	155.2
129	104.7	70.8	106.2
131	95.1	72.5	108.7

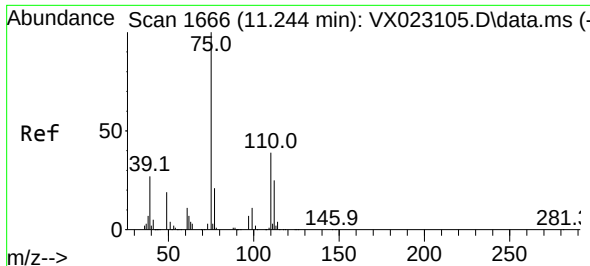


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023220.D
Acq: 09 Jul 2021 14:53

Tgt Ion:152 Resp: 133055

Ion	Ratio	Lower	Upper
152	100		
115	61.0	41.1	123.3
150	157.1	0.0	349.0

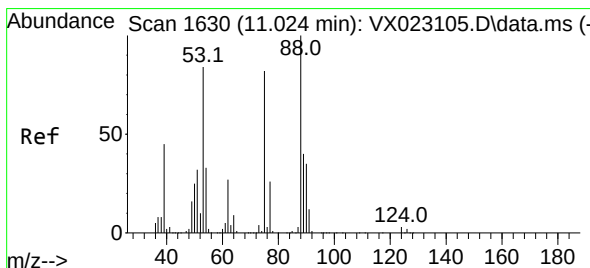
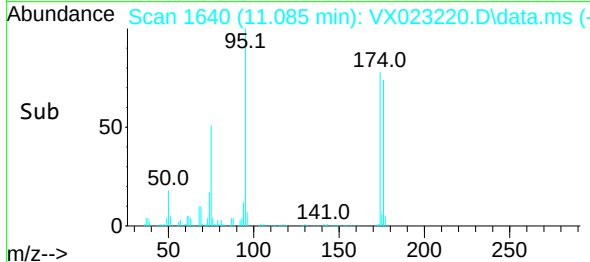
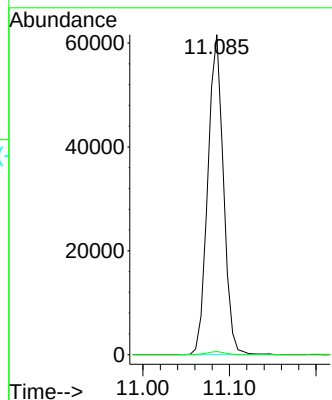
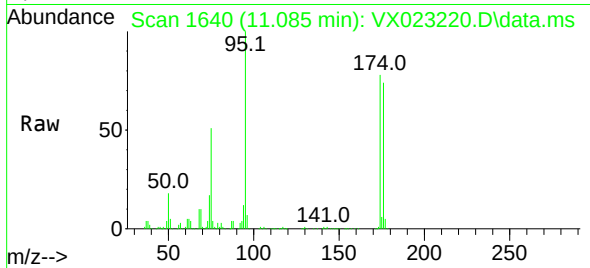




#76
1,2,3-Trichloropropane
Concen: 28.801 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023220.D
Acq: 09 Jul 2021 14:53

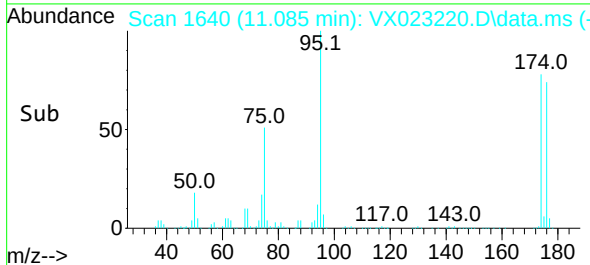
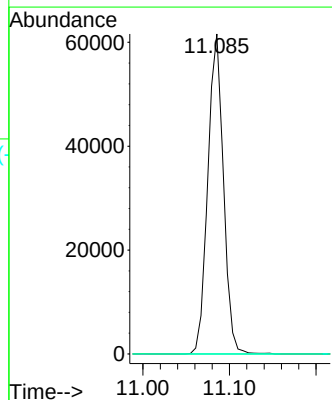
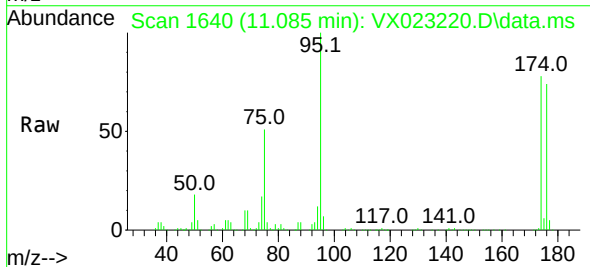
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-11.5-070621DL

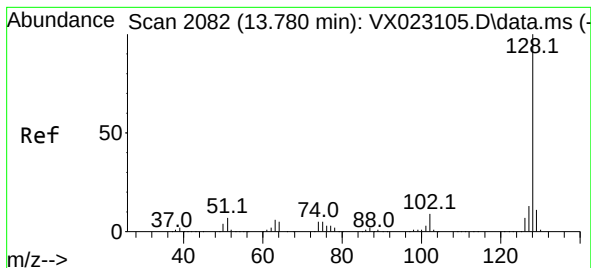
Tgt Ion: 75 Resp: 77116
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.523 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023220.D
Acq: 09 Jul 2021 14:53

Tgt Ion: 75 Resp: 77116
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.303 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023220.D
Acq: 09 Jul 2021 14:53

Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-11.5-070621DL

Tgt Ion:128 Resp: 280
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

