

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070921\
 Data File : VX023223.D
 Acq On : 09 Jul 2021 16:02
 Operator : JC/MD
 Sample : M2953-10DL2 2000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06-6.5-11.5-070621DL2

Quant Time: Jul 10 04:20:56 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)

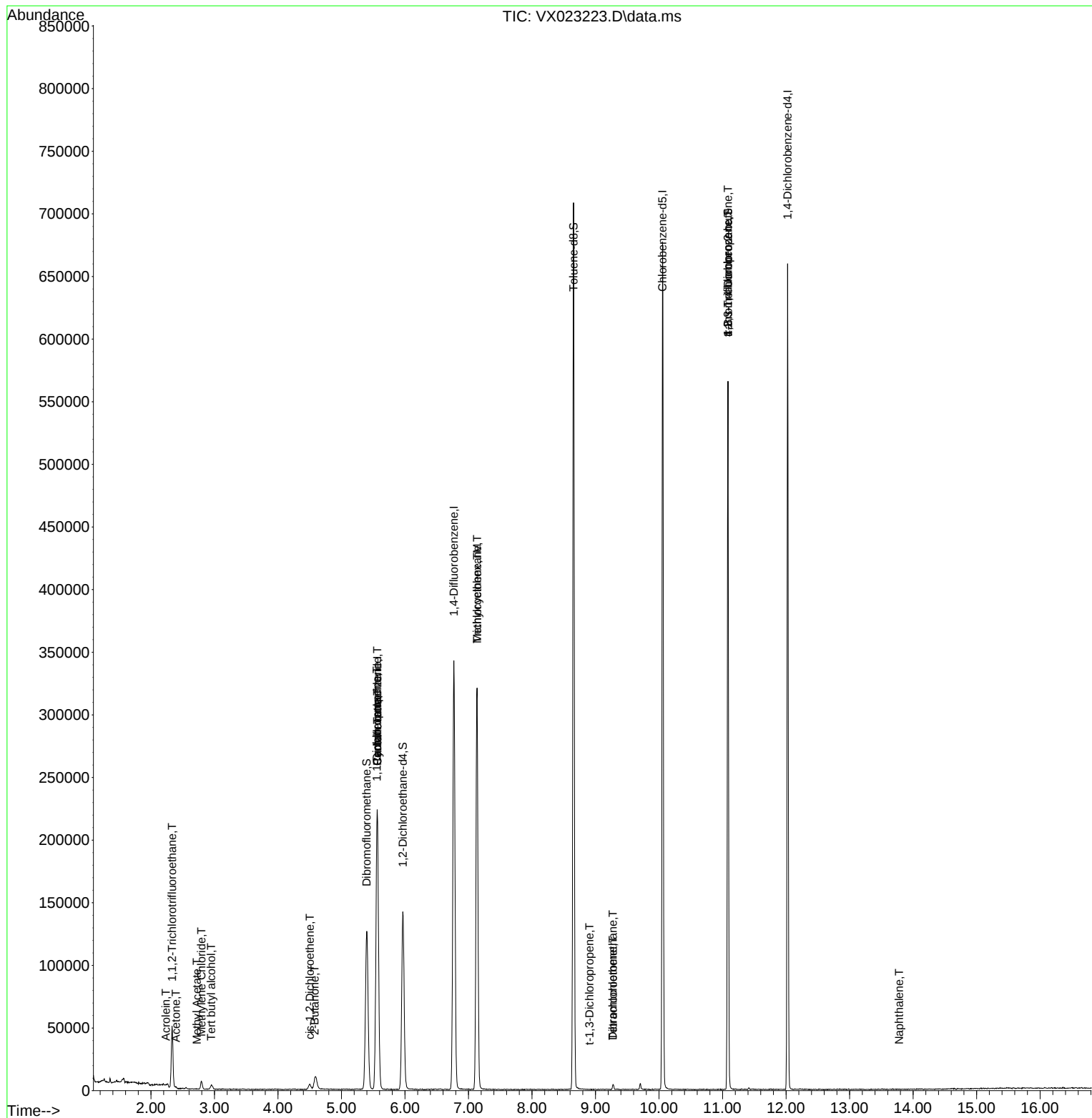
Internal Standards						
1) Pentafluorobenzene	5.562	168	209714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	344850	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	307275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	144859	51.395	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.780%	
35) Dibromofluoromethane	5.397	113	109671	49.248	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.500%	
50) Toluene-d8	8.653	98	411667	49.558	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.120%	
62) 4-Bromofluorobenzene	11.085	95	147824	46.096	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.200%	
Target Compounds						Qvalue
5) Bromomethane	1.618	94	309	Below Cal	#	76
9) 1,1,2-Trichlorotrifluo...	2.331	101	19124	9.442	ug/l	99
11) Tert butyl alcohol	2.947	59	2257	3.806	ug/l #	73
13) Acrolein	2.233	56	107	0.271	ug/l #	14
16) Acetone	2.392	43	1565	1.403	ug/l	94
18) Methyl Acetate	2.721	43	583	0.215	ug/l #	54
20) Methylene Chloride	2.794	84	2856	1.190	ug/l	92
25) 2-Butanone	4.574	43	1109	0.660	ug/l #	45
27) cis-1,2-Dichloroethene	4.501	96	2543	1.040	ug/l	96
31) Cyclohexane	5.562	56	4359	1.292	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	16265	5.291	ug/l #	50
38) Carbon Tetrachloride	5.562	117	21844	6.807	ug/l #	16
39) Methylcyclohexane	7.135	83	1625	0.452	ug/l #	1
44) Trichloroethene	7.135	130	124487	49.165	ug/l	99
53) t-1,3-Dichloropropene	8.903	75	53	2.750	ug/l #	44
60) Dibromochloromethane	9.275	129	759	3.375	ug/l #	11
64) Tetrachloroethene	9.275	164	704	0.287	ug/l #	80
76) 1,2,3-Trichloropropane	11.085	75	76544	29.006	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	76544	78.040	ug/l #	12
95) Naphthalene	13.780	128	123	1.288	ug/l #	69

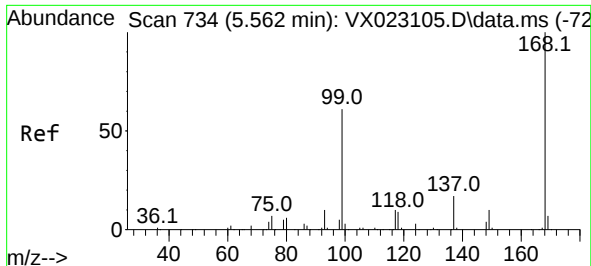
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

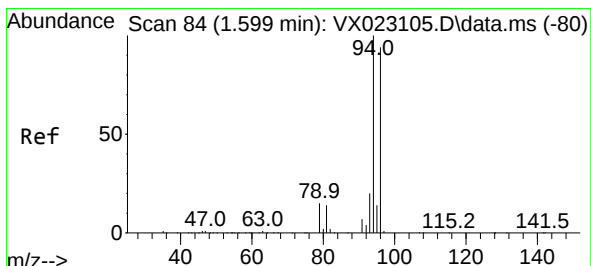
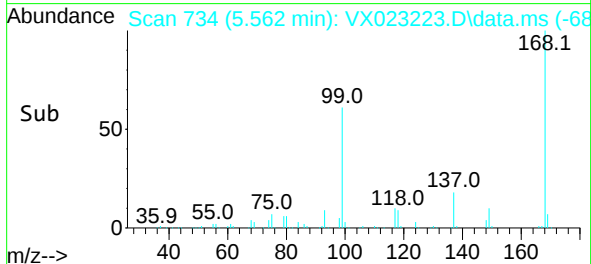
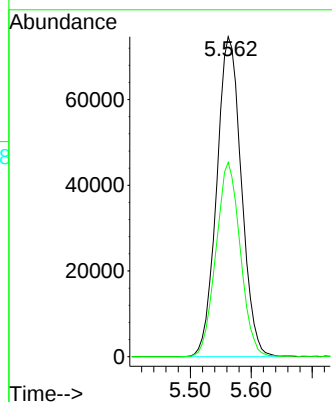
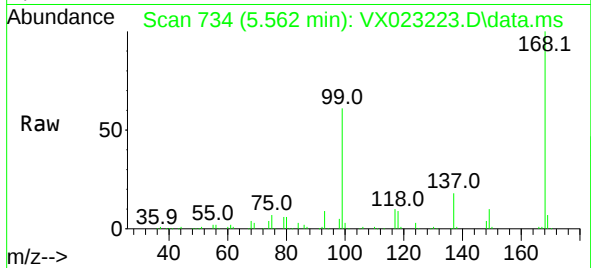




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023223.D
Acq: 09 Jul 2021 16:02

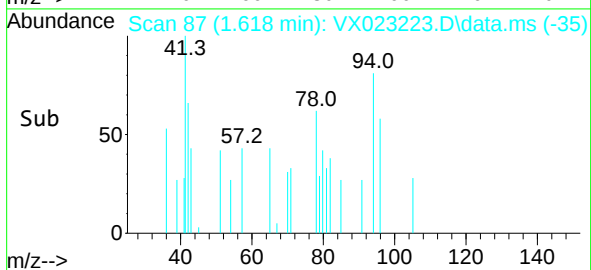
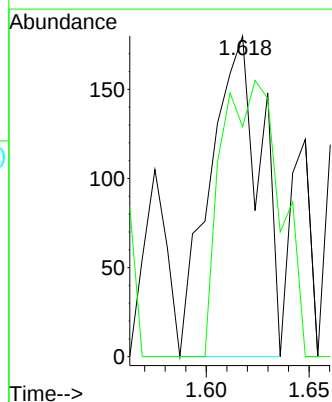
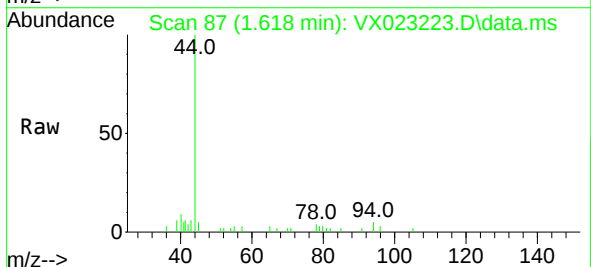
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-11.5-070621DL2

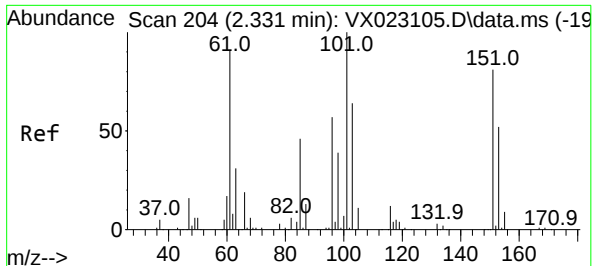
Tgt Ion:168 Resp: 209714
Ion Ratio Lower Upper
168 100
99 60.8 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023223.D
Acq: 09 Jul 2021 16:02

Tgt Ion: 94 Resp: 309
Ion Ratio Lower Upper
94 100
96 71.7 76.4 114.6#

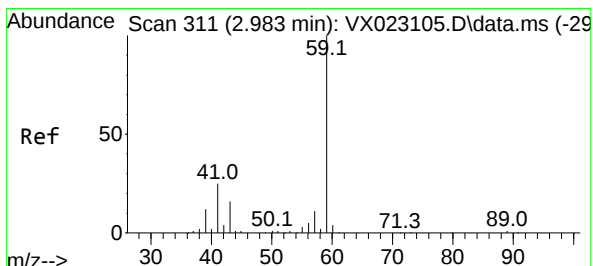
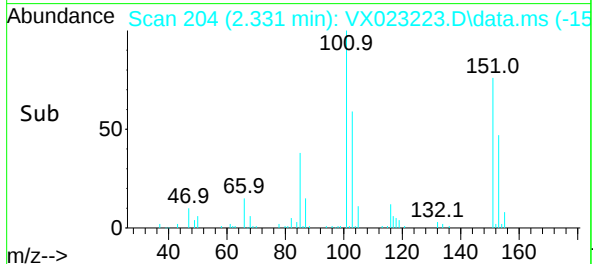
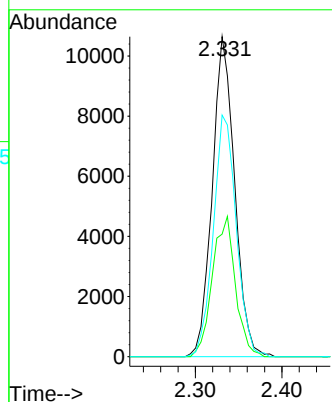
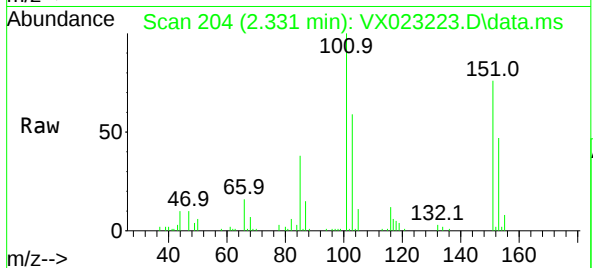




#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.442 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX023223.D
Acq: 09 Jul 2021 16:02

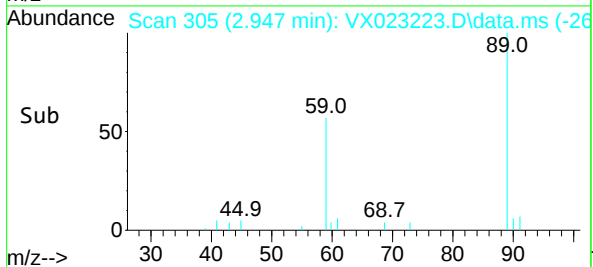
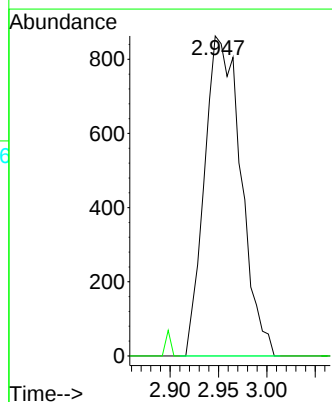
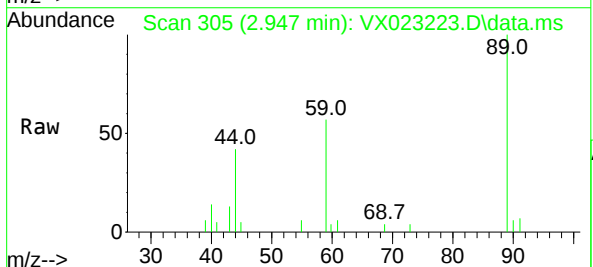
Instrument :
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ClientSampleId :
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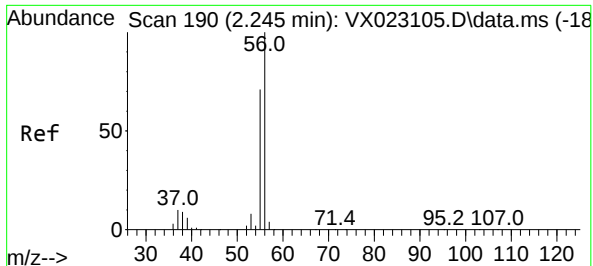
Tgt Ion:101 Resp: 19124
Ion Ratio Lower Upper
101 100
85 45.0 34.9 52.3
151 77.5 61.4 92.2



#11
Tert butyl alcohol
Concen: 3.806 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX023223.D
Acq: 09 Jul 2021 16:02

Tgt Ion: 59 Resp: 2257
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

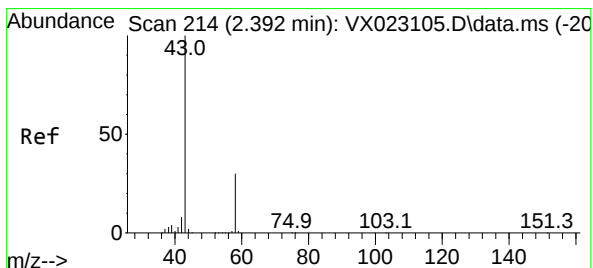
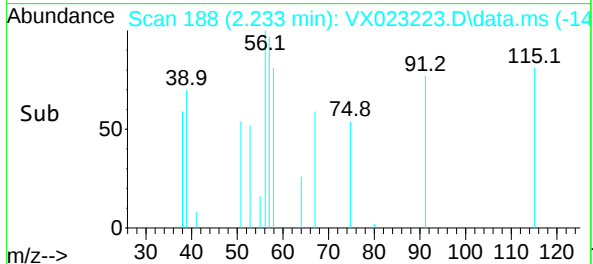
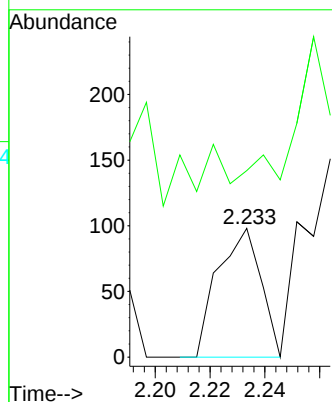
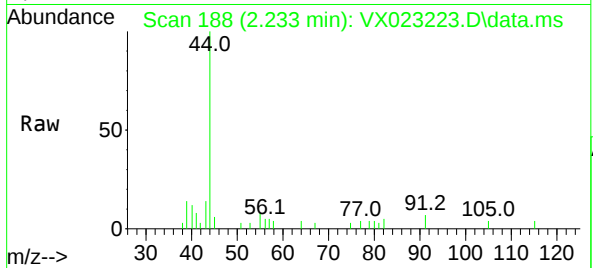




#13
Acrolein
Concen: 0.271 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.012 min
Lab File: VX023223.D
Acq: 09 Jul 2021 16:02

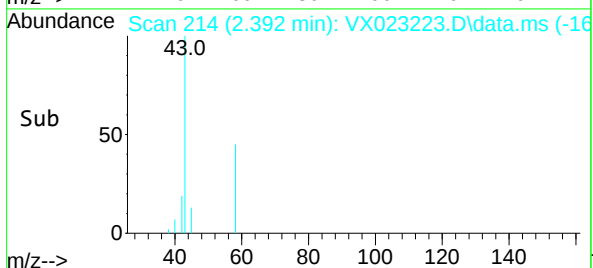
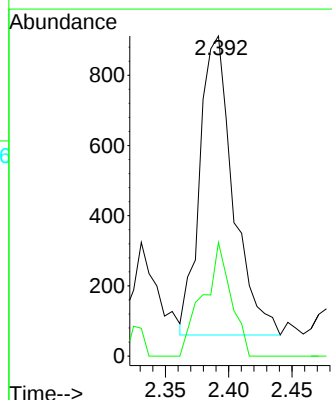
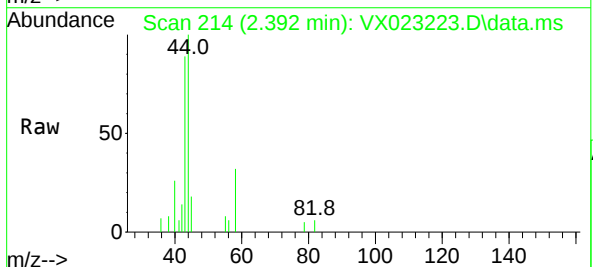
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-11.5-070621DL2

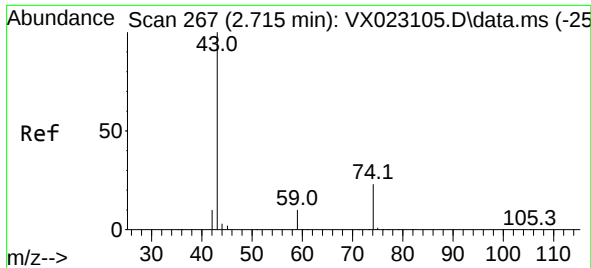
Tgt Ion: 56 Resp: 107
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 1.403 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023223.D
Acq: 09 Jul 2021 16:02

Tgt Ion: 43 Resp: 1565
Ion Ratio Lower Upper
43 100
58 38.0 27.8 41.8

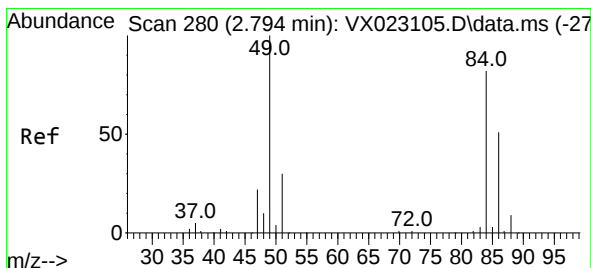
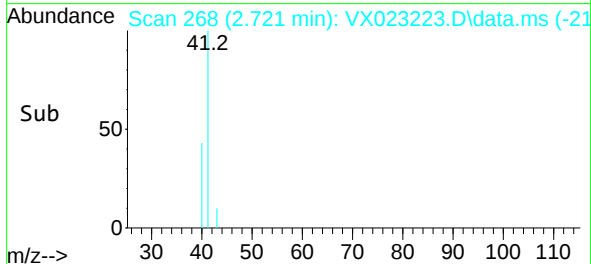
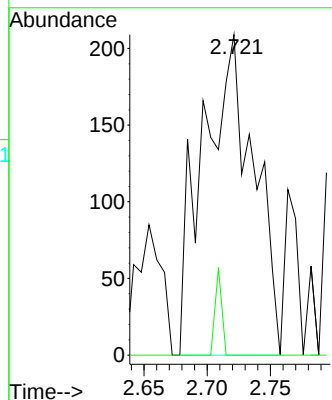
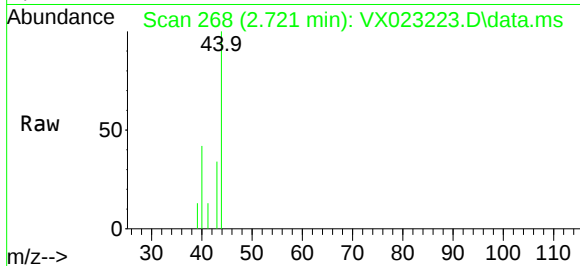




#18
Methyl Acetate
Concen: 0.215 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX023223.D
Acq: 09 Jul 2021 16:02

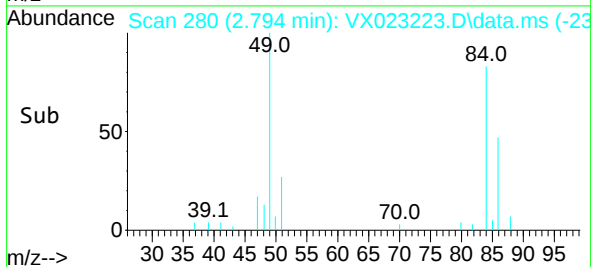
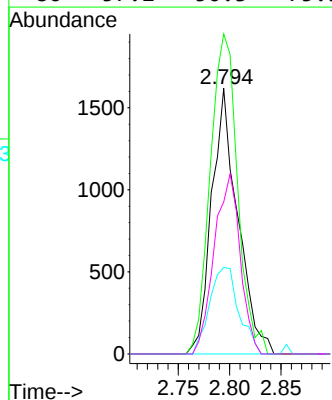
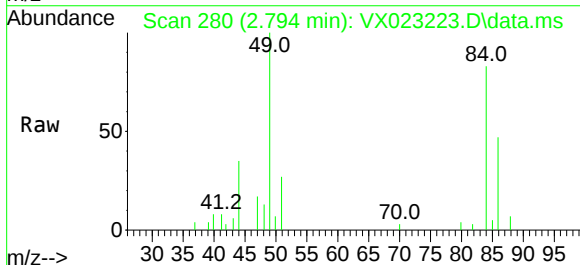
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-11.5-070621DL2

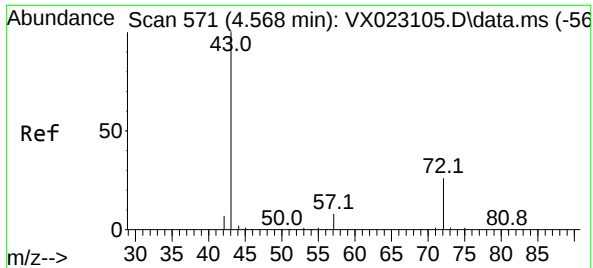
Tgt Ion: 43 Resp: 583
Ion Ratio Lower Upper
43 100
74 3.6 21.9 32.9#



#20
Methylene Chloride
Concen: 1.190 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023223.D
Acq: 09 Jul 2021 16:02

Tgt Ion: 84 Resp: 2856
Ion Ratio Lower Upper
84 100
49 120.5 88.6 132.8
51 32.5 27.0 40.6
86 57.2 50.3 75.5

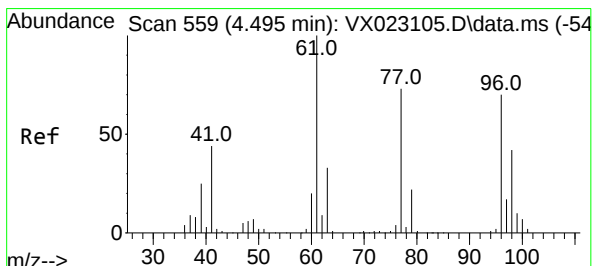
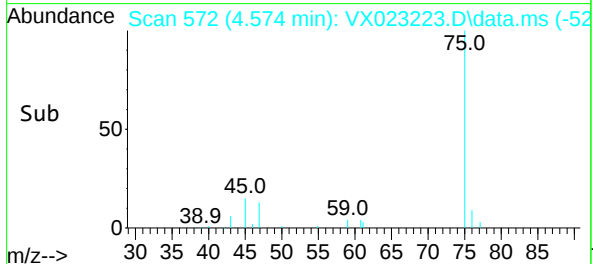
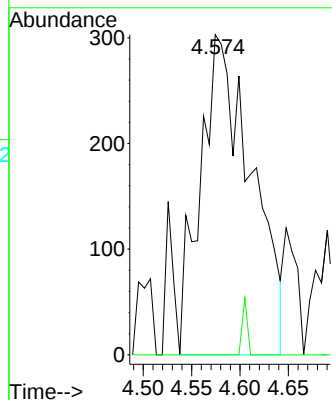
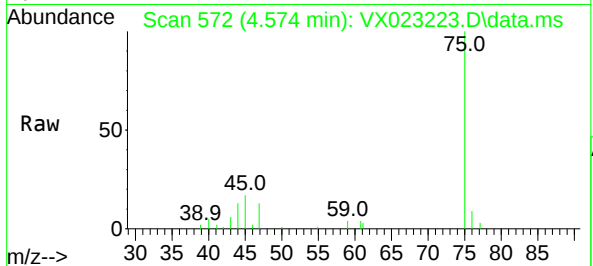




#25
2-Butanone
Concen: 0.660 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023223.D
Acq: 09 Jul 2021 16:02

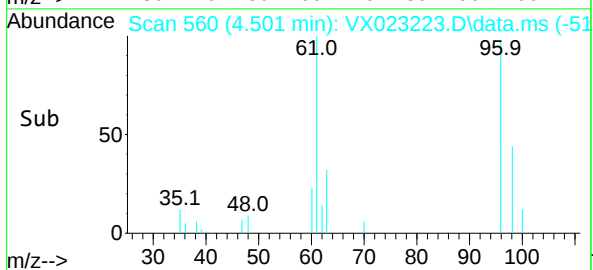
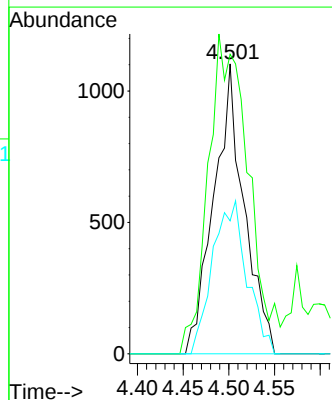
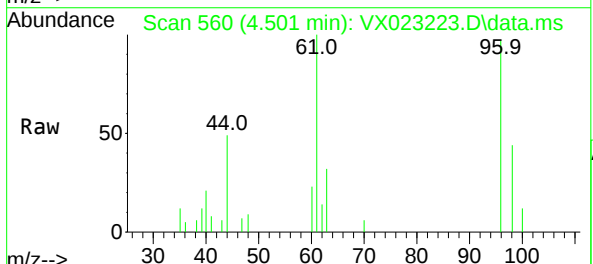
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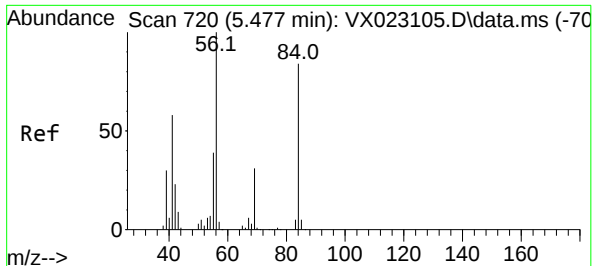
Tgt Ion: 43 Resp: 1109
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#27
cis-1,2-Dichloroethene
Concen: 1.040 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX023223.D
Acq: 09 Jul 2021 16:02

Tgt Ion: 96 Resp: 2543
Ion Ratio Lower Upper
96 100
61 145.8 0.0 285.6
98 59.9 0.0 129.6

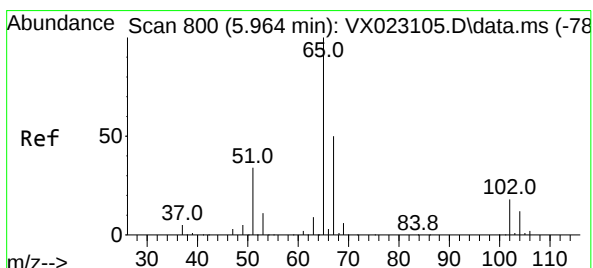
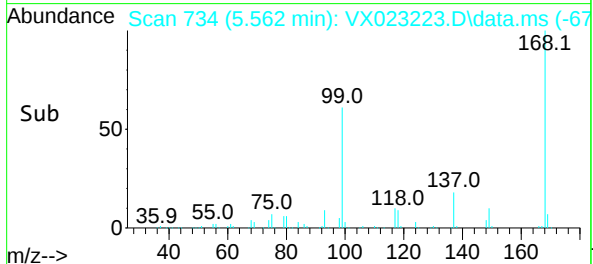
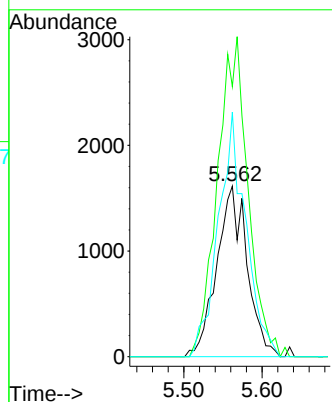
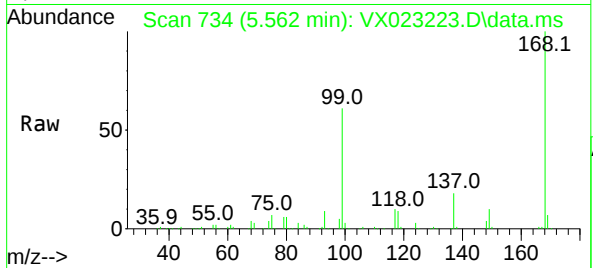




#31
Cyclohexane
Concen: 1.292 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023223.D
Acq: 09 Jul 2021 16:02

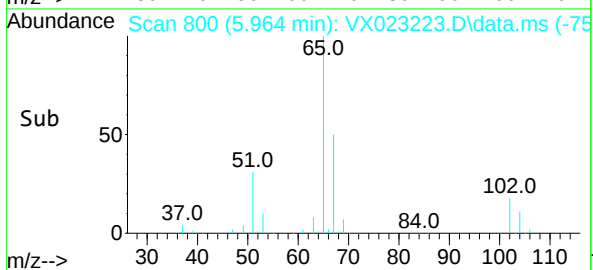
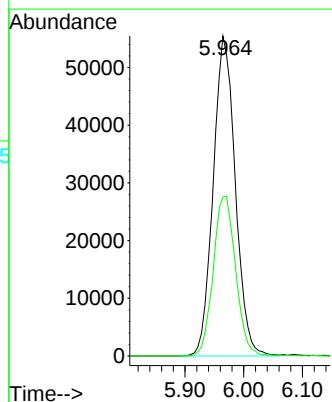
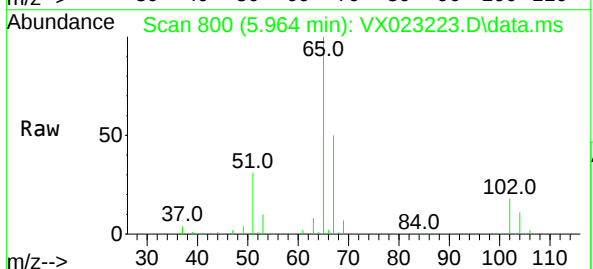
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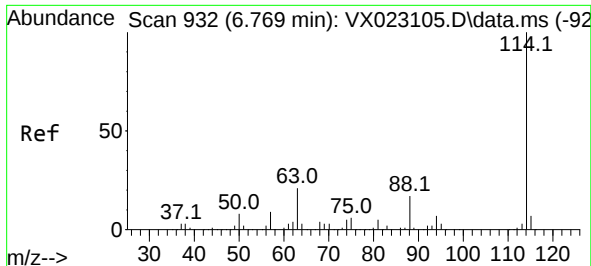
Tgt Ion: 56 Resp: 4359
Ion Ratio Lower Upper
56 100
69 158.3 25.3 37.9#
84 143.4 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.395 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023223.D
Acq: 09 Jul 2021 16:02

Tgt Ion: 65 Resp: 144859
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4

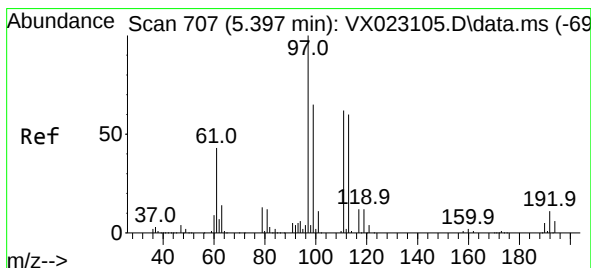
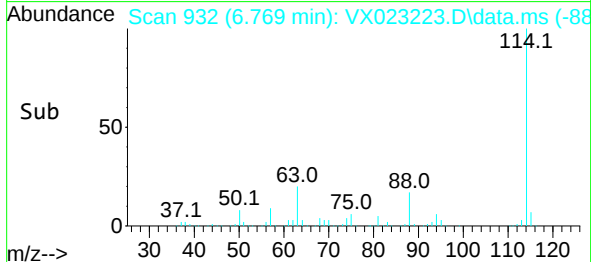
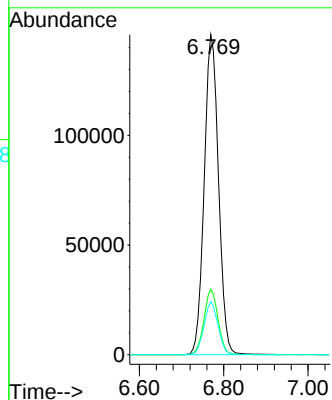
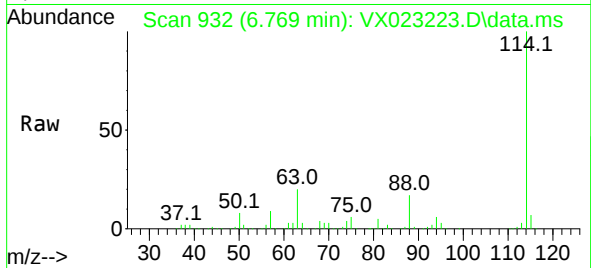




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023223.D
Acq: 09 Jul 2021 16:02

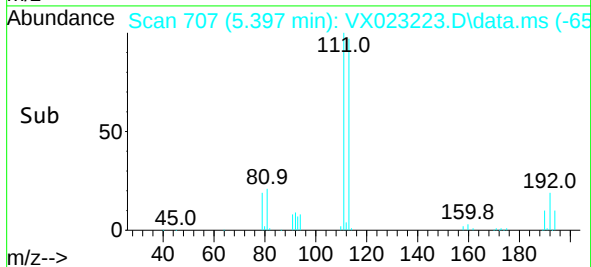
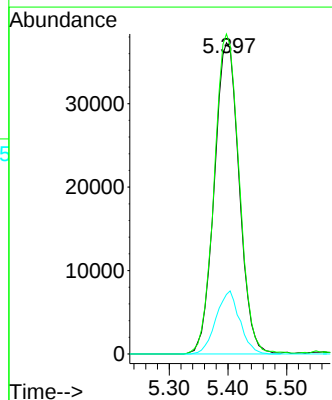
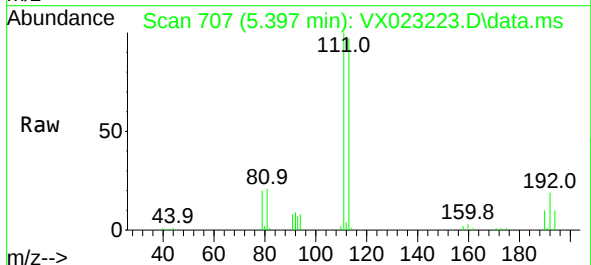
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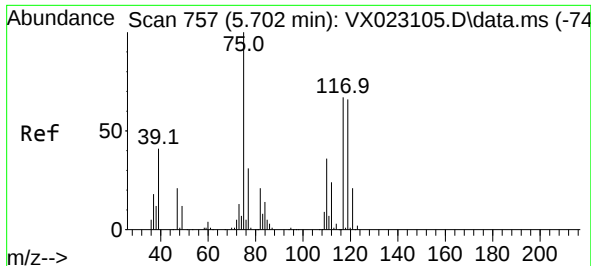
Tgt Ion:114 Resp: 344850
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.248 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023223.D
Acq: 09 Jul 2021 16:02

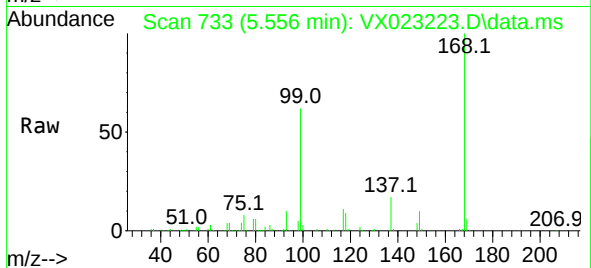
Tgt Ion:113 Resp: 109671
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 19.3 16.7 25.1



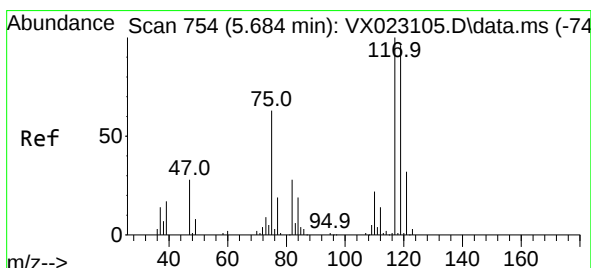
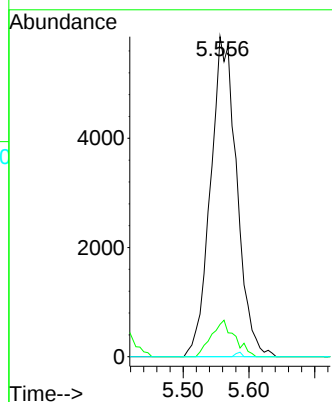
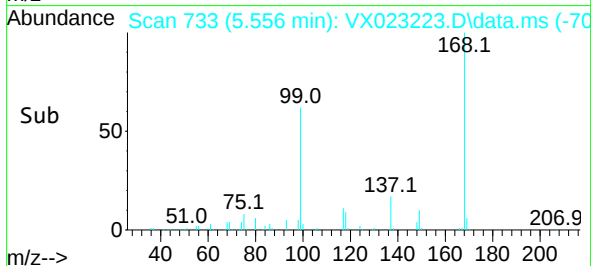


#36
1,1-Dichloropropene
Concen: 5.291 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX023223.D
Acq: 09 Jul 2021 16:02

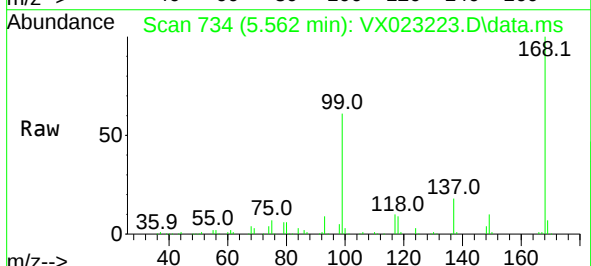
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-11.5-070621DL2



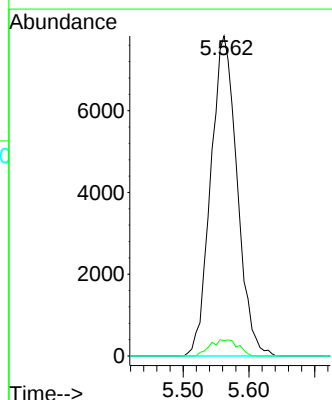
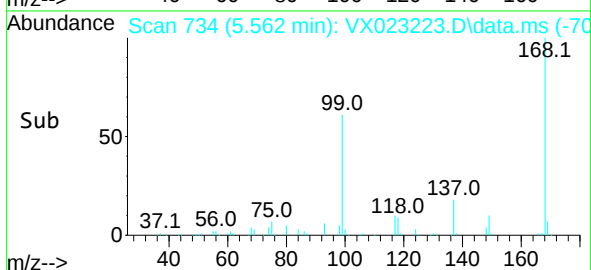
Tgt Ion: 75 Resp: 16265
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.4#
77 0.0 25.3 37.9#

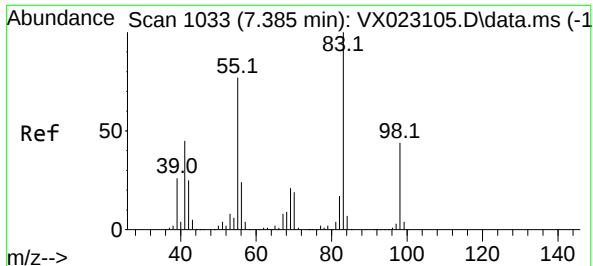


#38
Carbon Tetrachloride
Concen: 6.807 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023223.D
Acq: 09 Jul 2021 16:02



Tgt Ion: 117 Resp: 21844
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.452 ug/l

RT: 7.135 min Scan# 992

Delta R.T. -0.250 min

Lab File: VX023223.D

Acq: 09 Jul 2021 16:02

Tgt Ion: 83 Resp: 1625

Ion Ratio Lower Upper

83 100

55 9.4 58.9 88.3#

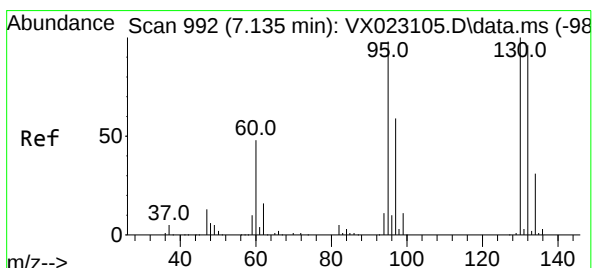
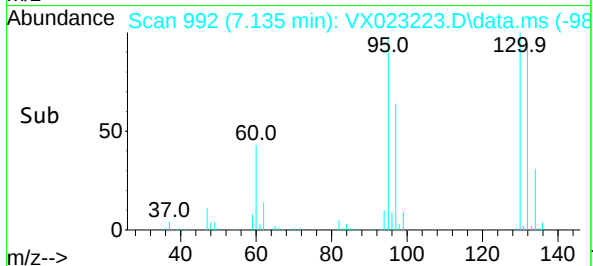
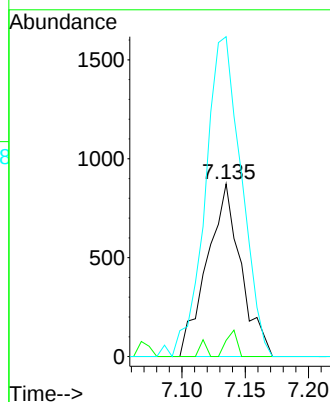
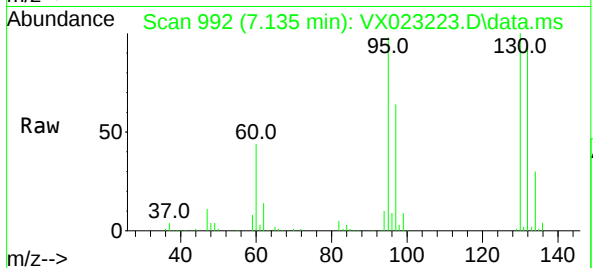
98 185.2 38.1 57.1#

Instrument :

MSVOA_X

ClientSampleId :

MW-06-6.5-11.5-070621DL2



#44

Trichloroethene

Concen: 49.165 ug/l

RT: 7.135 min Scan# 992

Delta R.T. -0.000 min

Lab File: VX023223.D

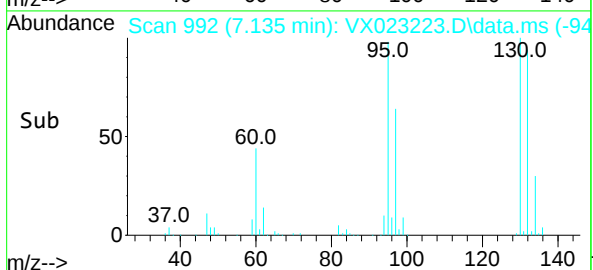
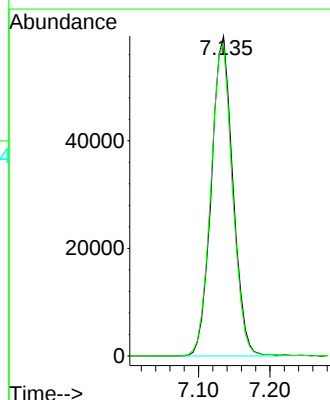
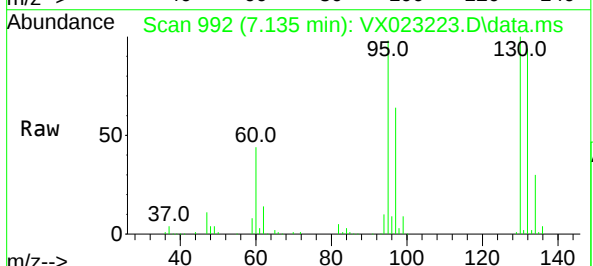
Acq: 09 Jul 2021 16:02

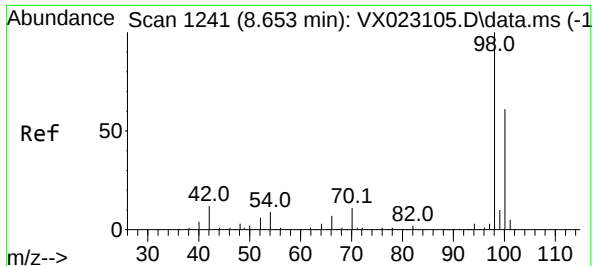
Tgt Ion:130 Resp: 124487

Ion Ratio Lower Upper

130 100

95 97.6 0.0 198.0

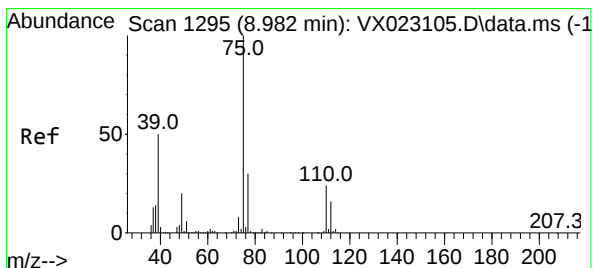
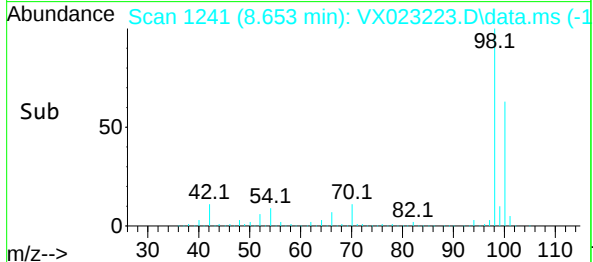
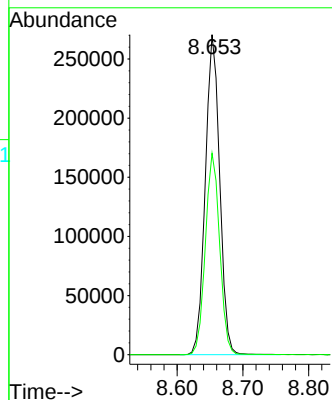
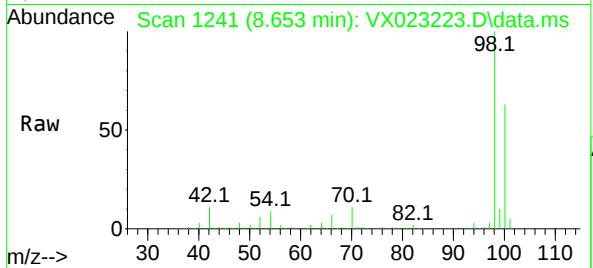




#50
Toluene-d8
Concen: 49.558 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023223.D
Acq: 09 Jul 2021 16:02

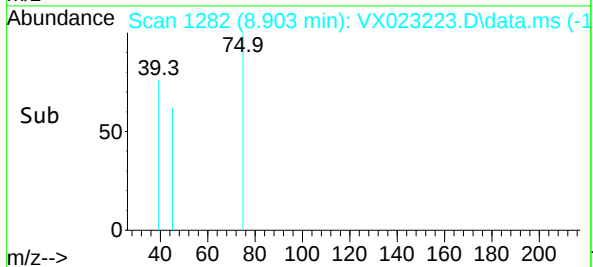
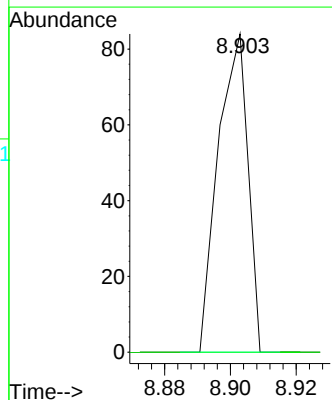
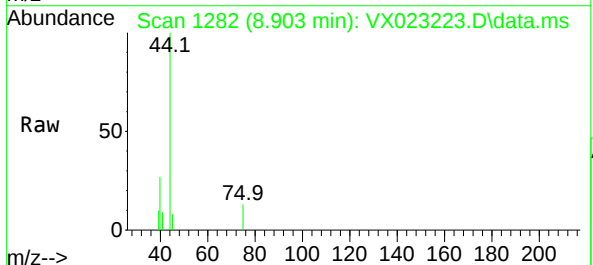
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-11.5-070621DL2

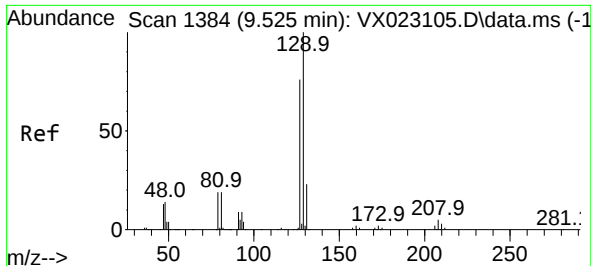
Tgt Ion: 98 Resp: 411667
Ion Ratio Lower Upper
98 100
100 62.7 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 2.750 ug/l
RT: 8.903 min Scan# 1282
Delta R.T. -0.079 min
Lab File: VX023223.D
Acq: 09 Jul 2021 16:02

Tgt Ion: 75 Resp: 53
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

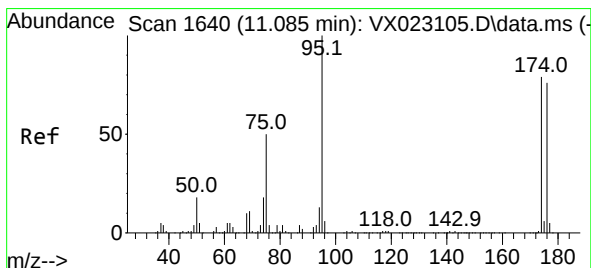
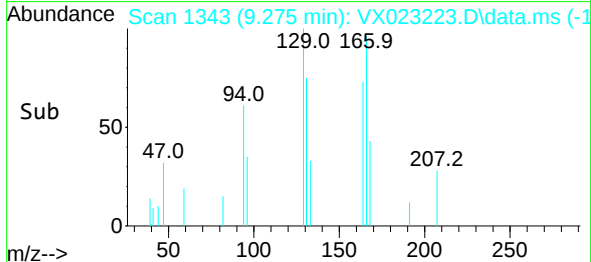
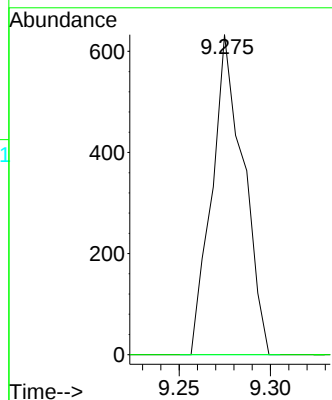
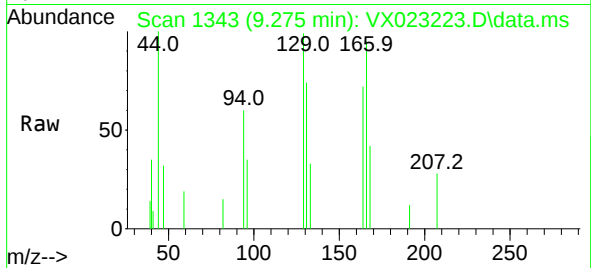




#60
Dibromochloromethane
Concen: 3.375 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023223.D
Acq: 09 Jul 2021 16:02

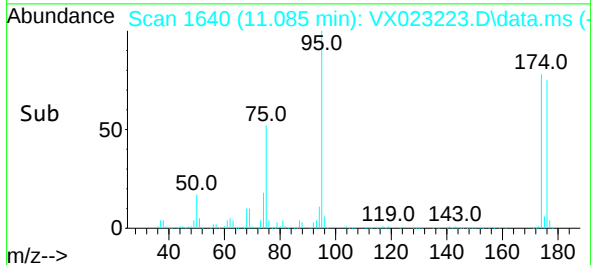
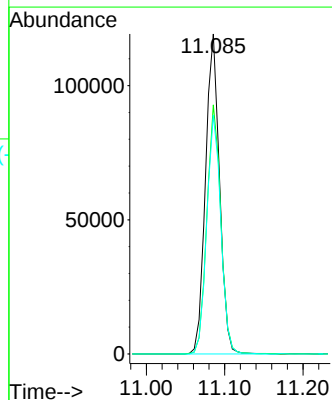
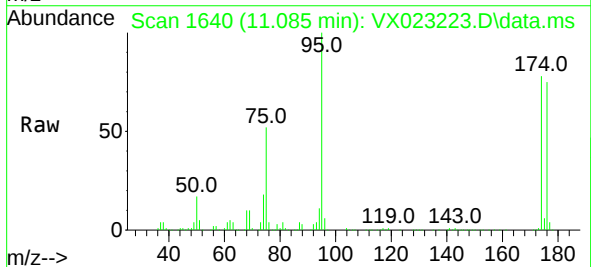
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-11.5-070621DL2

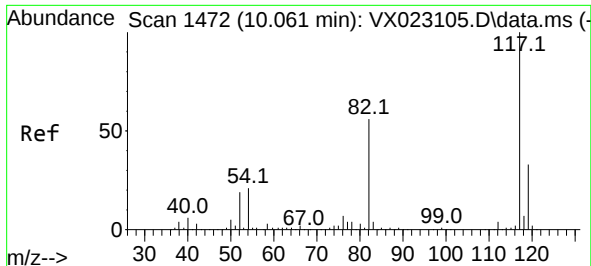
Tgt Ion:129 Resp: 759
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 46.096 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023223.D
Acq: 09 Jul 2021 16:02

Tgt Ion: 95 Resp: 147824
Ion Ratio Lower Upper
95 100
174 77.3 0.0 154.6
176 74.9 0.0 155.8

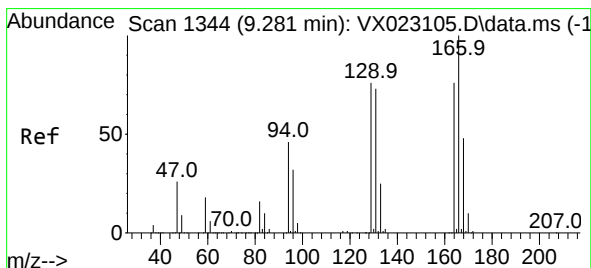
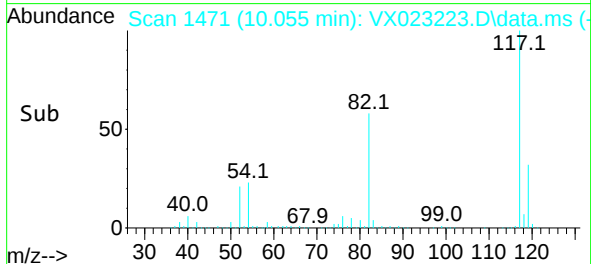
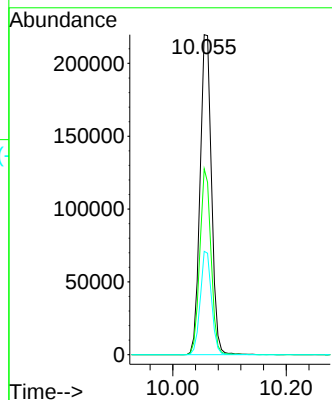
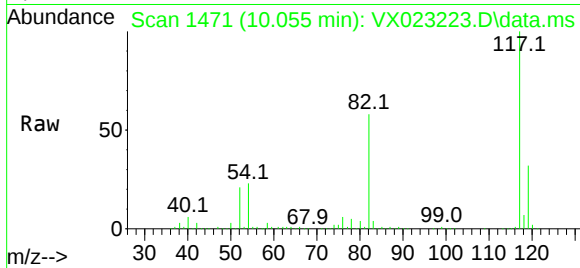




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023223.D
Acq: 09 Jul 2021 16:02

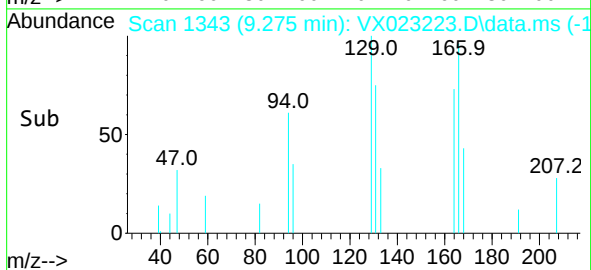
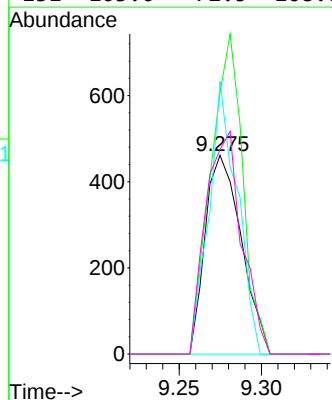
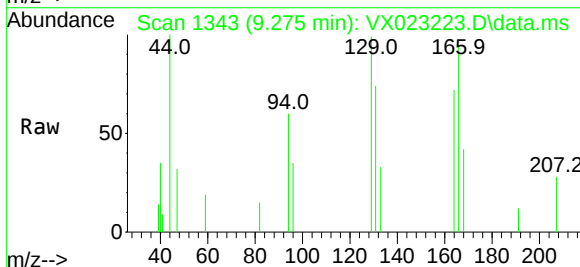
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-11.5-070621DL2

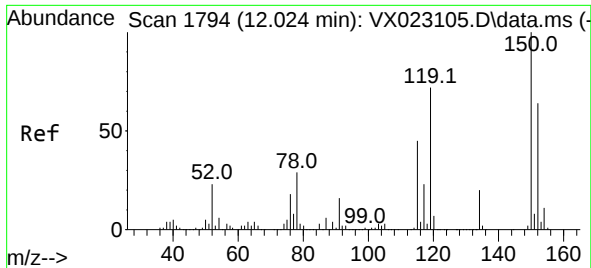
Tgt Ion:117 Resp: 307275
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 32.3 26.6 39.8



#64
Tetrachloroethene
Concen: 0.287 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX023223.D
Acq: 09 Jul 2021 16:02

Tgt Ion:164 Resp: 704
Ion Ratio Lower Upper
164 100
166 131.7 103.4 155.2
129 137.3 70.8 106.2#
131 103.0 72.5 108.7

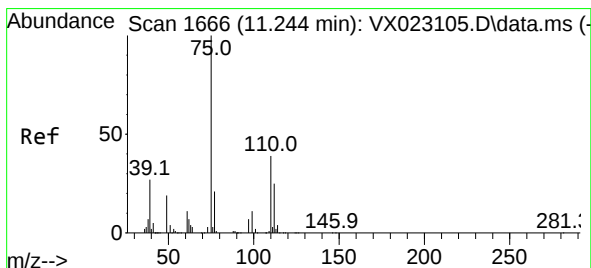
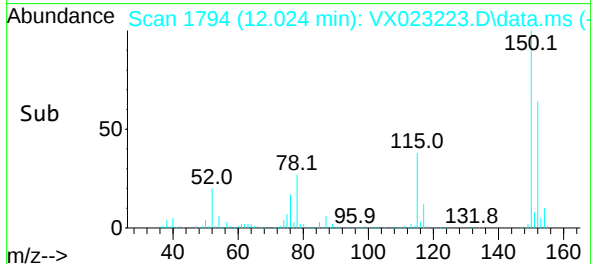
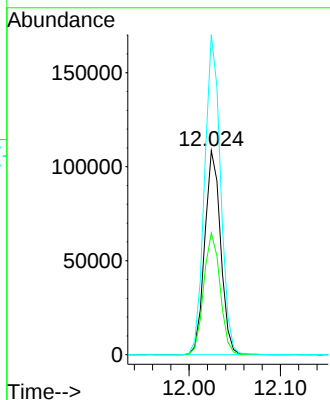
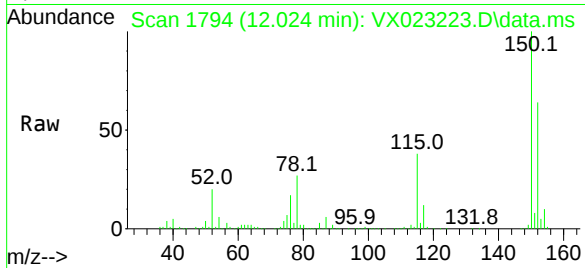




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023223.D
Acq: 09 Jul 2021 16:02

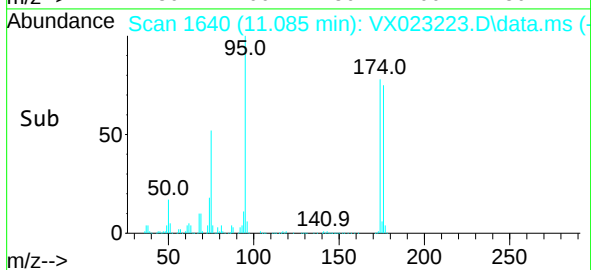
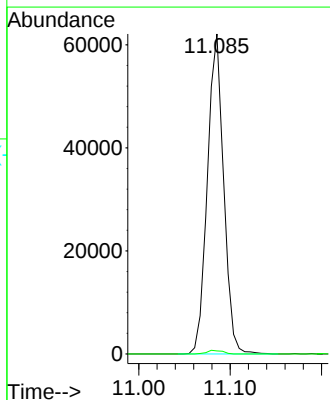
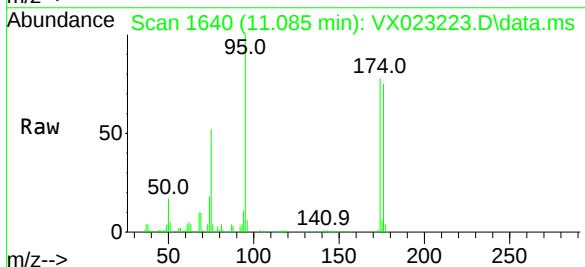
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-11.5-070621DL2

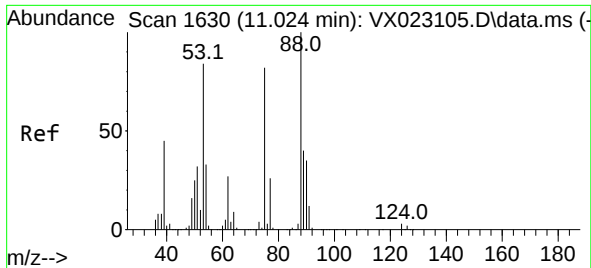
Tgt Ion:152 Resp: 131135
Ion Ratio Lower Upper
152 100
115 61.5 41.1 123.3
150 157.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 29.006 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023223.D
Acq: 09 Jul 2021 16:02

Tgt Ion: 75 Resp: 76544
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

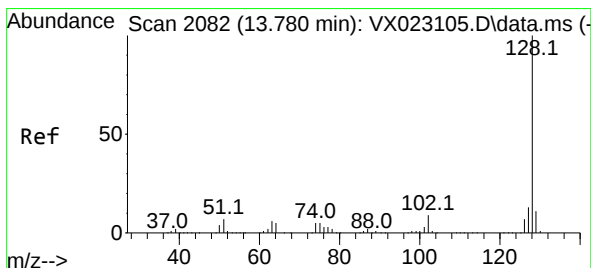
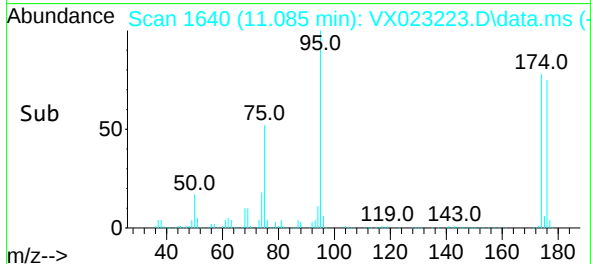
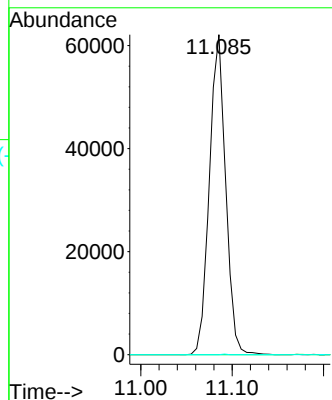
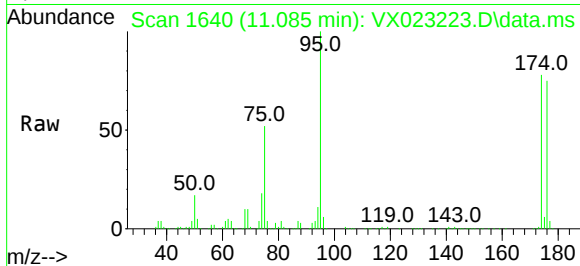




#81
trans-1,4-Dichloro-2-butene
Concen: 78.040 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023223.D
Acq: 09 Jul 2021 16:02

Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-11.5-070621DL2

Tgt Ion: 75 Resp: 76544
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#



#95
Naphthalene
Concen: 1.288 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023223.D
Acq: 09 Jul 2021 16:02

Tgt Ion:128 Resp: 123
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

