

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052721\
 Data File : VX022204.D
 Acq On : 26 May 2021 17:53
 Operator : JC/MD
 Sample : M2526-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-121.5N-20210525

Quant Time: May 27 04:08:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

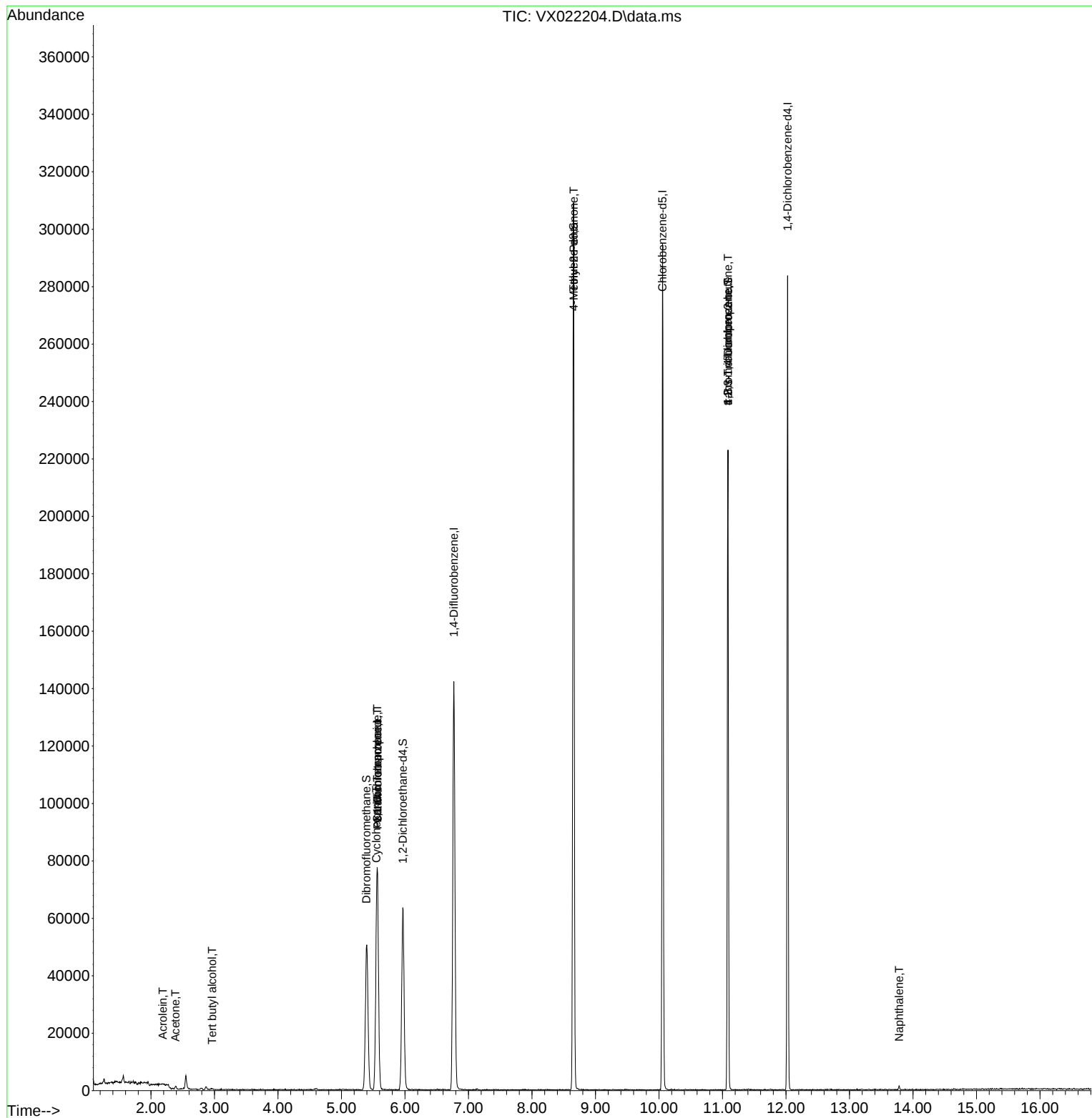
Internal Standards						
1) Pentafluorobenzene	5.568	168	69045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	142312	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50729	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57093	53.61	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	107.22%		
35) Dibromofluoromethane	5.391	113	43651	48.37	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.74%		
50) Toluene-d8	8.653	98	173718	49.97	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.94%		
62) 4-Bromofluorobenzene	11.085	95	60402	47.01	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.02%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.965	59	159	0.65	ug/l #	73
13) Acrolein	2.185	56	48	0.30	ug/l #	68
16) Acetone	2.386	43	932	2.01	ug/l #	77
31) Cyclohexane	5.550	56	1795	1.34	ug/l #	44
36) 1,1-Dichloropropene	5.562	75	6656	5.06	ug/l #	45
38) Carbon Tetrachloride	5.562	117	7803	6.06	ug/l #	16
51) 4-Methyl-2-Pentanone	8.659	43	859	0.54	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	31944	25.52	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	31944	60.48	ug/l #	12
95) Naphthalene	13.780	128	911	0.23	ug/l #	95

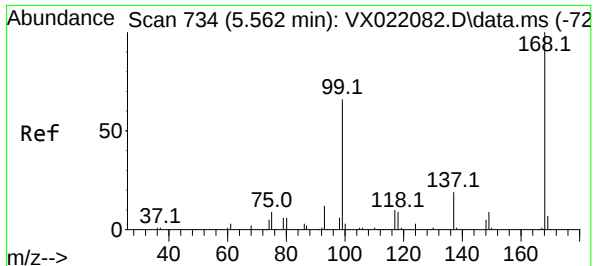
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MH-121.5N-20210525

Quant Time: May 27 04:08:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

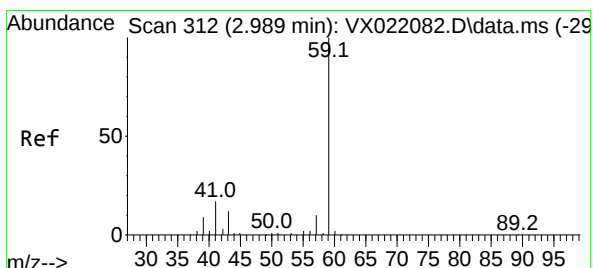
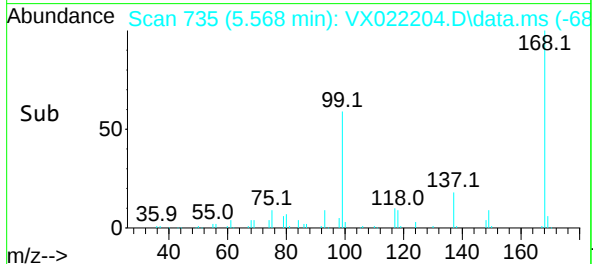
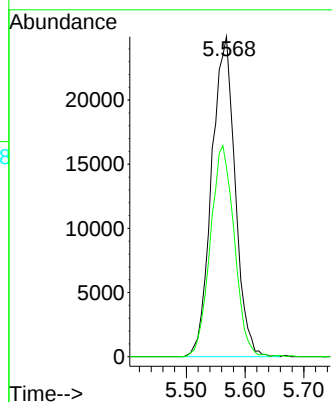
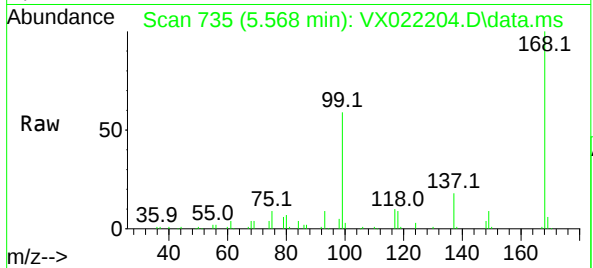




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022204.D
Acq: 26 May 2021 17:53

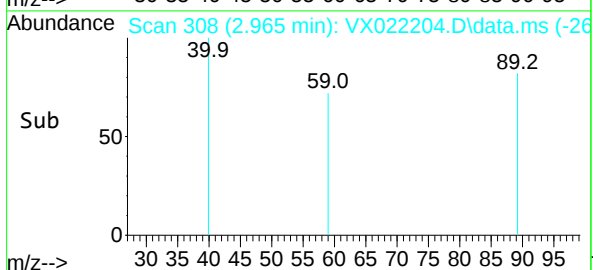
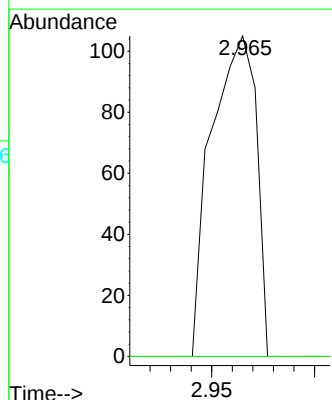
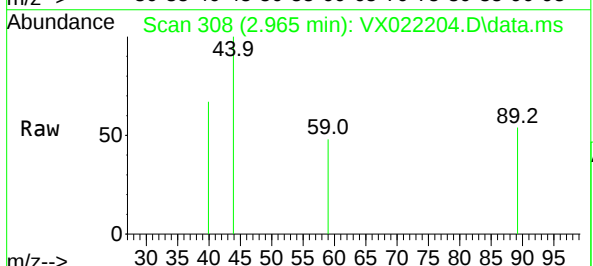
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5N-20210525

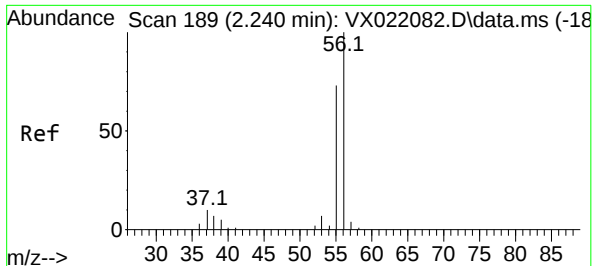
Tgt Ion:168 Resp: 69045
Ion Ratio Lower Upper
168 100
99 59.2 45.8 68.6



#11
Tert butyl alcohol
Concen: 0.65 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX022204.D
Acq: 26 May 2021 17:53

Tgt Ion: 59 Resp: 159
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

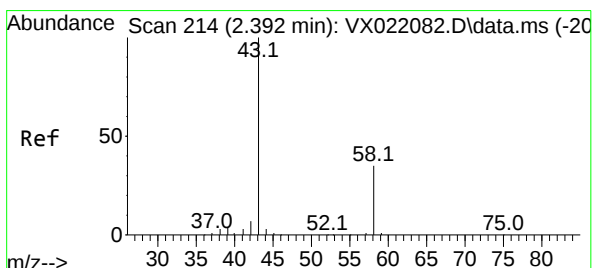
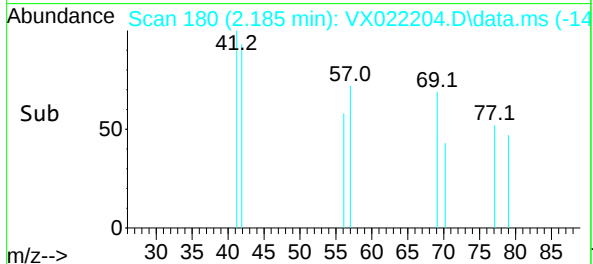
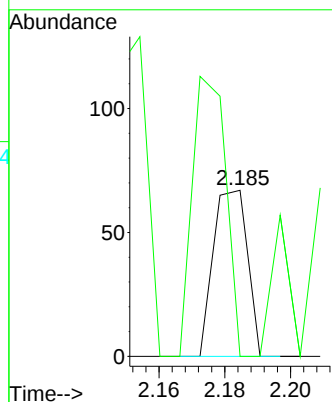
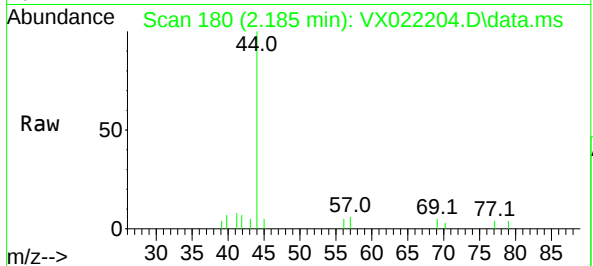




#13
Acrolein
Concen: 0.30 ug/l
RT: 2.185 min Scan# 180
Delta R.T. -0.055 min
Lab File: VX022204.D
Acq: 26 May 2021 17:53

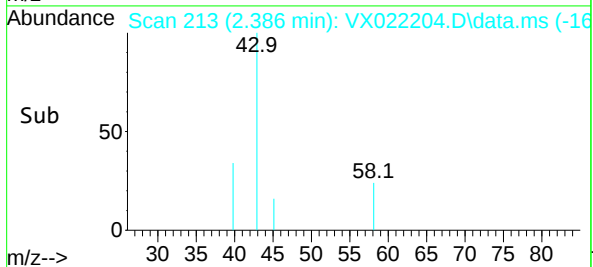
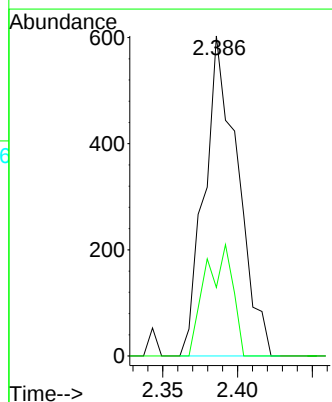
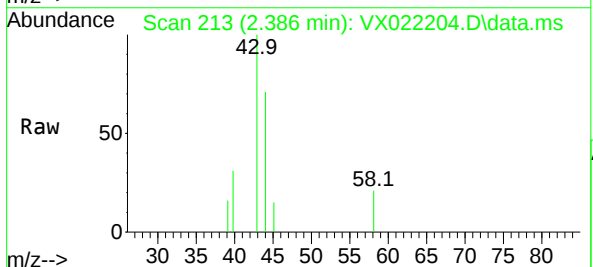
Instrument :
MSVOA_X
ClientSampleId :
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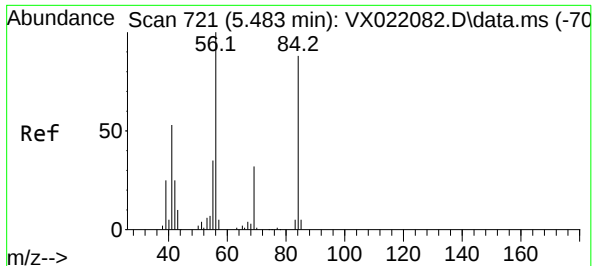
Tgt Ion: 56 Resp: 48
Ion Ratio Lower Upper
56 100
55 43.8 56.4 84.6#



#16
Acetone
Concen: 2.01 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022204.D
Acq: 26 May 2021 17:53

Tgt Ion: 43 Resp: 932
Ion Ratio Lower Upper
43 100
58 21.4 27.8 41.8#

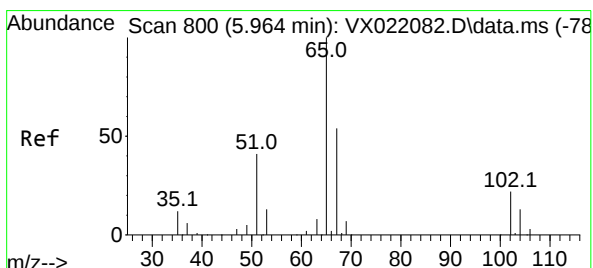
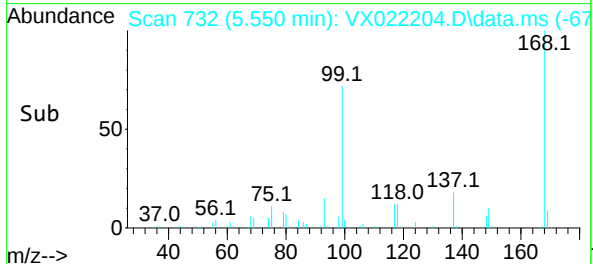
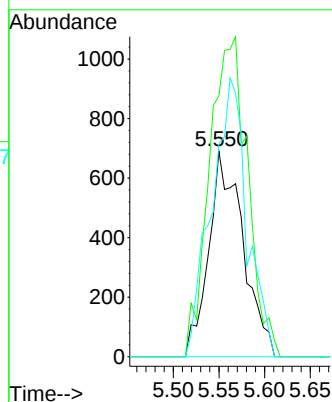
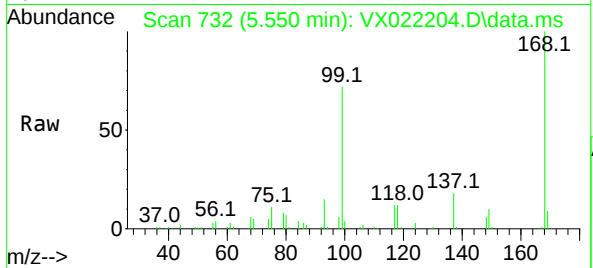




#31
Cyclohexane
Concen: 1.34 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.067 min
Lab File: VX022204.D
Acq: 26 May 2021 17:53

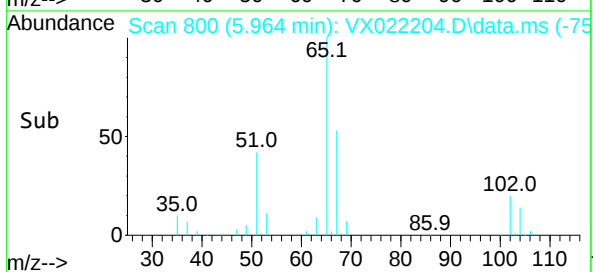
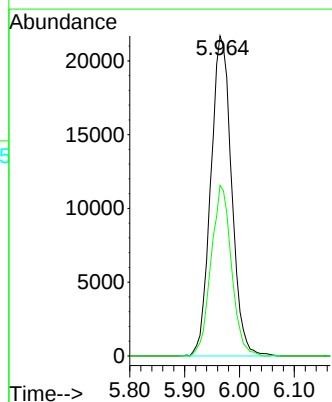
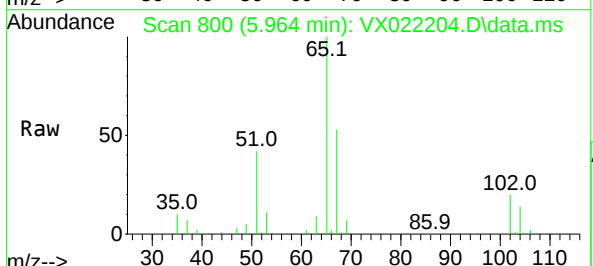
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5N-20210525

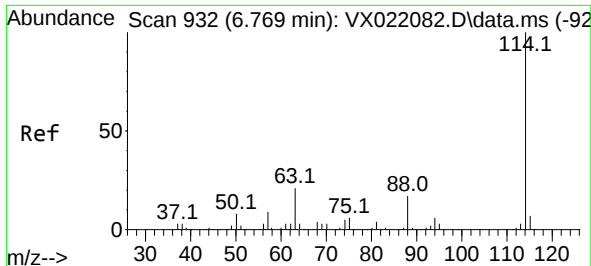
Tgt Ion: 56 Resp: 1795
Ion Ratio Lower Upper
56 100
69 127.0 25.3 37.9#
84 103.6 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 53.61 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022204.D
Acq: 26 May 2021 17:53

Tgt Ion: 65 Resp: 57093
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

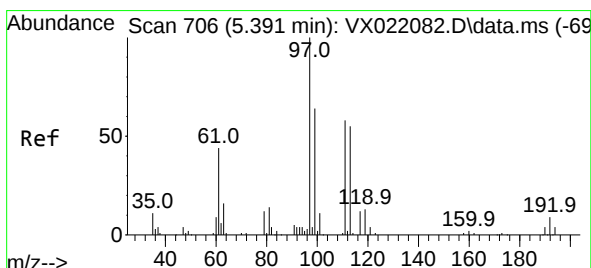
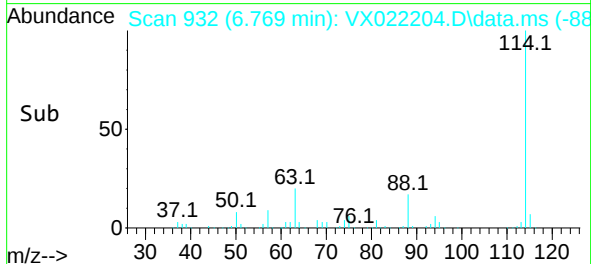
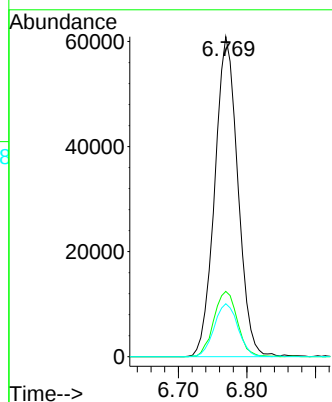
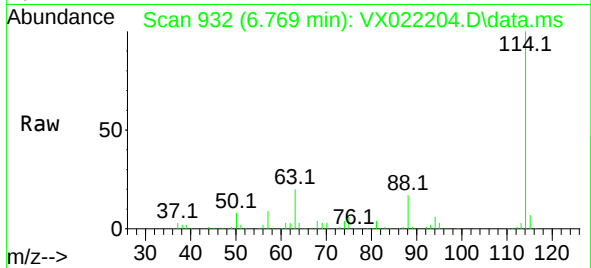




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022204.D
Acq: 26 May 2021 17:53

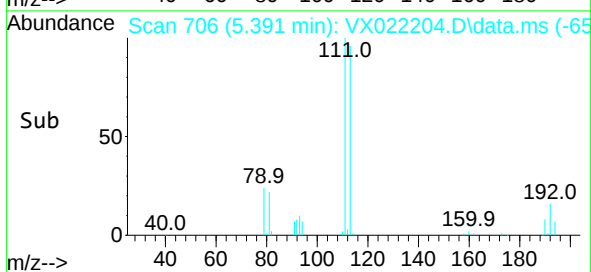
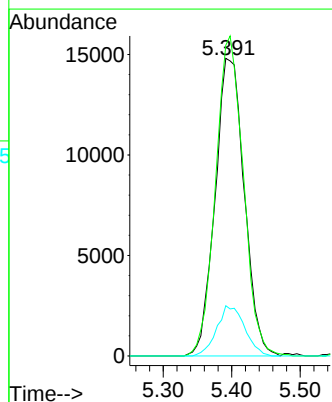
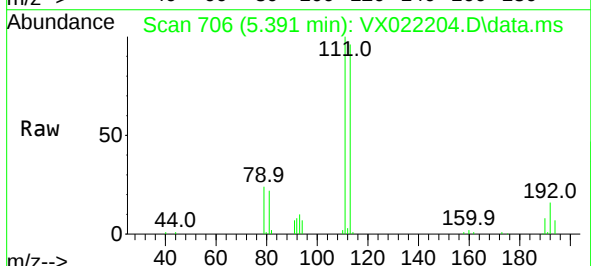
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5N-20210525

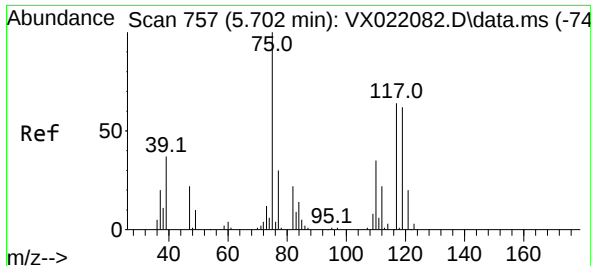
Tgt Ion:114 Resp: 142312
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.37 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022204.D
Acq: 26 May 2021 17:53

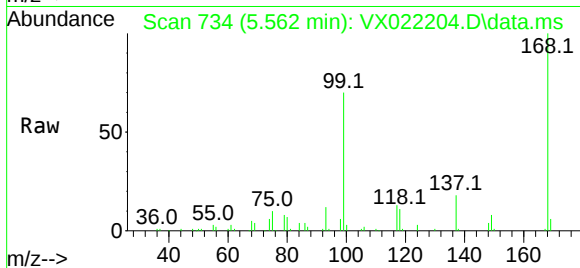
Tgt Ion:113 Resp: 43651
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 16.2 16.7 25.1#



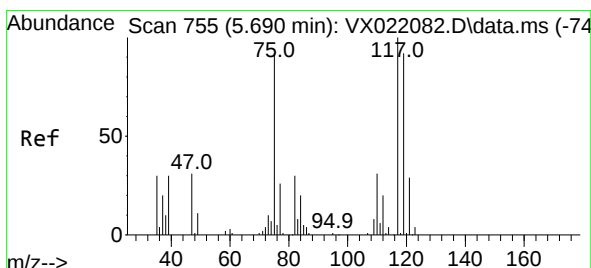
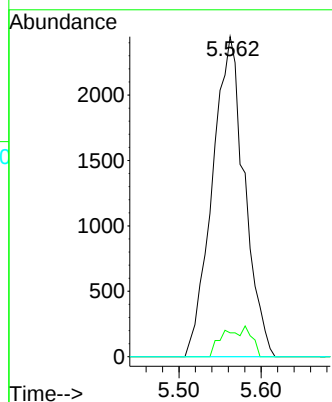
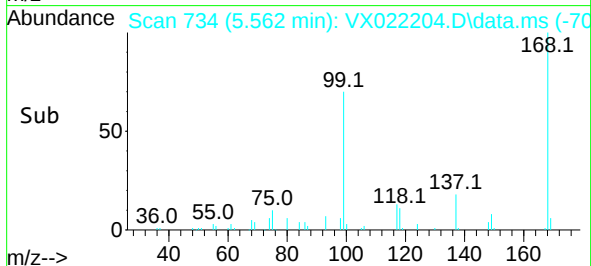


#36
1,1-Dichloropropene
Concen: 5.06 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022204.D
Acq: 26 May 2021 17:53

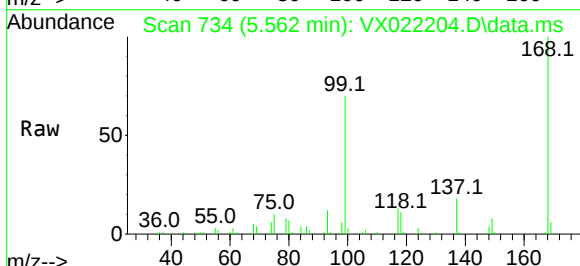
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ClientSampleId :
MH-121.5N-20210525



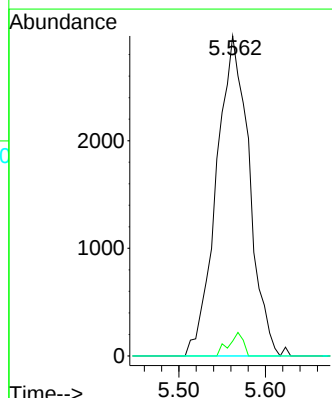
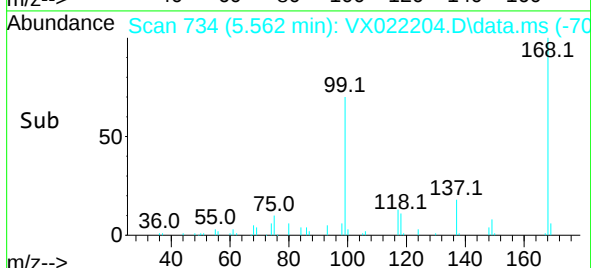
Tgt Ion: 75 Resp: 6656
Ion Ratio Lower Upper
75 100
110 5.4 18.1 54.4#
77 0.0 25.3 37.9#

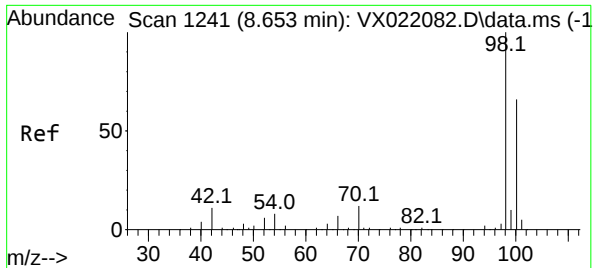


#38
Carbon Tetrachloride
Concen: 6.06 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022204.D
Acq: 26 May 2021 17:53



Tgt Ion: 117 Resp: 7803
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#

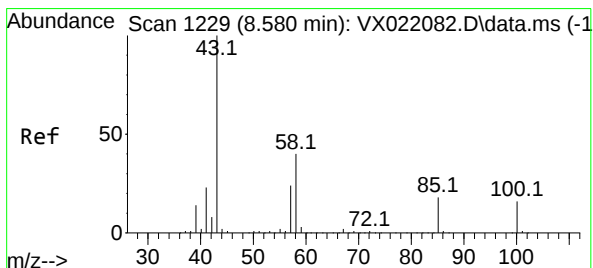
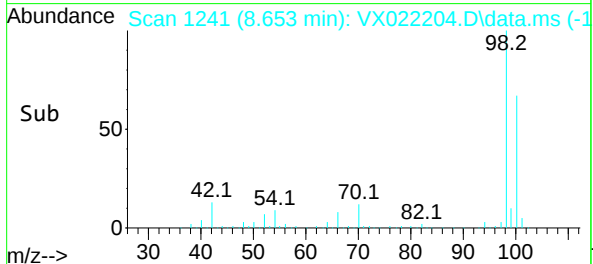
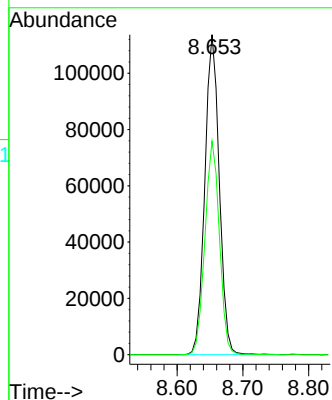
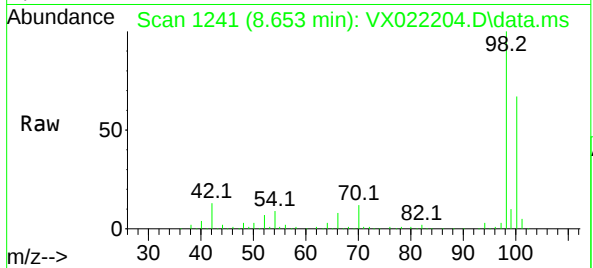




#50
Toluene-d8
Concen: 49.97 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX022204.D
Acq: 26 May 2021 17:53

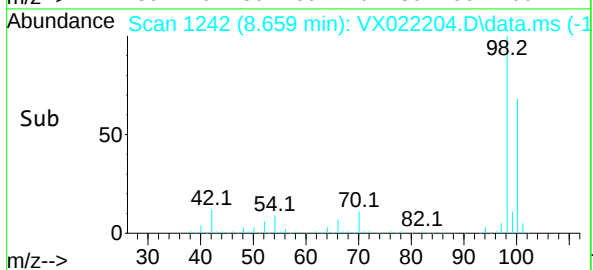
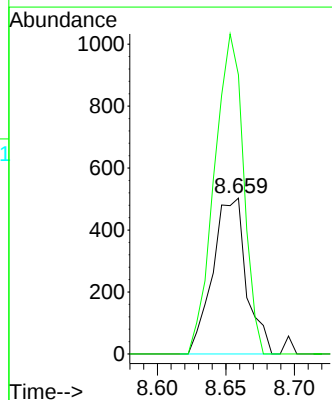
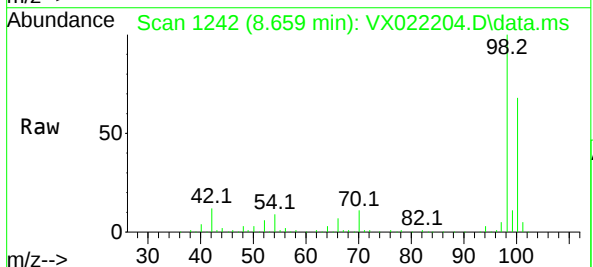
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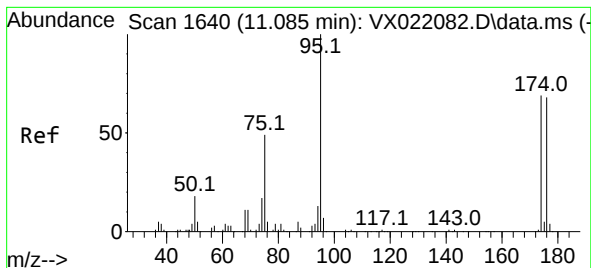
Tgt Ion: 98 Resp: 173718
Ion Ratio Lower Upper
98 100
100 67.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.54 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX022204.D
Acq: 26 May 2021 17:53

Tgt Ion: 43 Resp: 859
Ion Ratio Lower Upper
43 100
58 178.3 35.4 53.0#

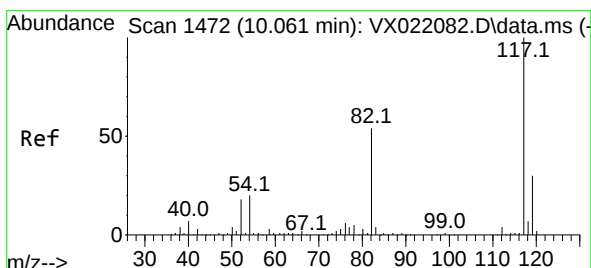
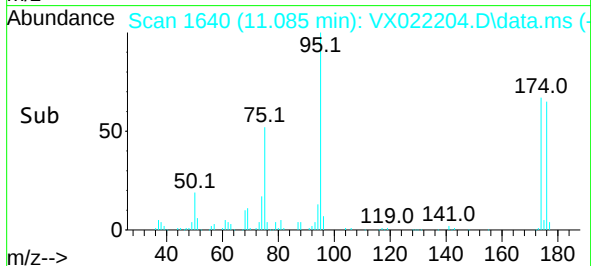
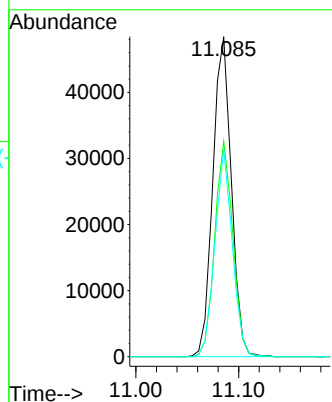
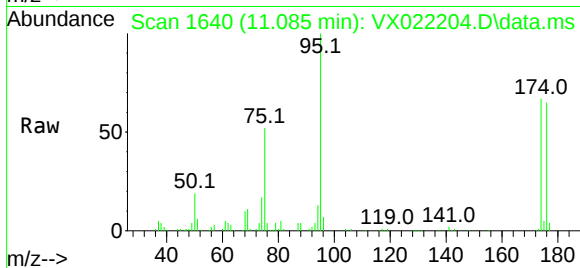




#62
4-Bromofluorobenzene
Concen: 47.01 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022204.D
Acq: 26 May 2021 17:53

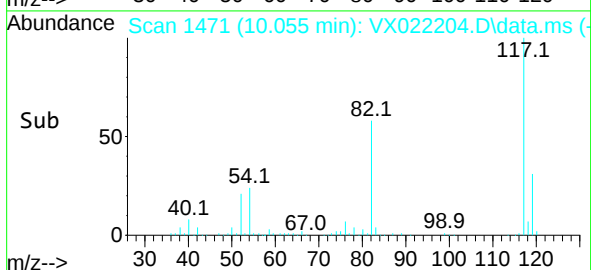
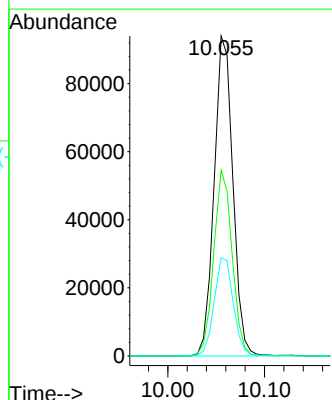
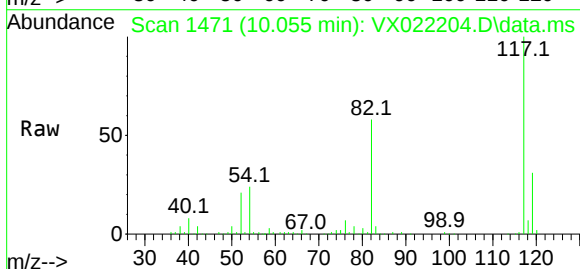
Instrument :
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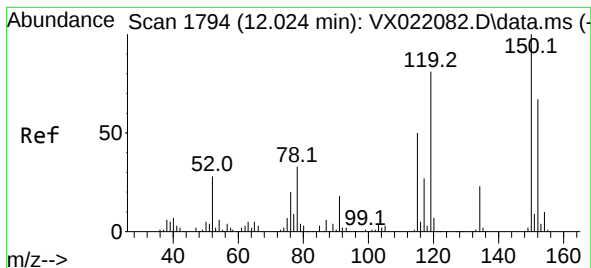
Tgt Ion: 95 Resp: 60402
Ion Ratio Lower Upper
95 100
174 65.9 0.0 154.6
176 61.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022204.D
Acq: 26 May 2021 17:53

Tgt Ion: 117 Resp: 126398
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 30.7 26.6 39.8

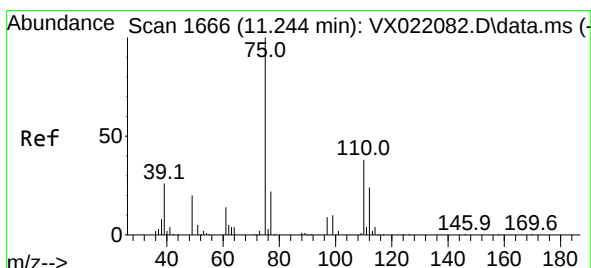
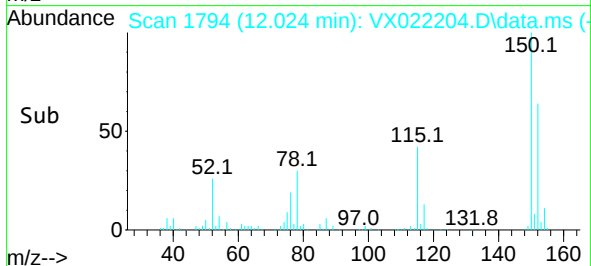
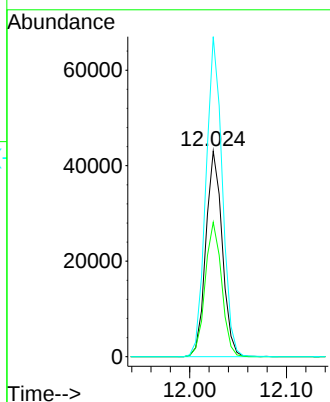
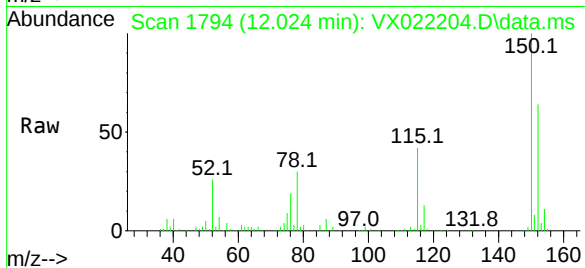




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022204.D
 Acq: 26 May 2021 17:53

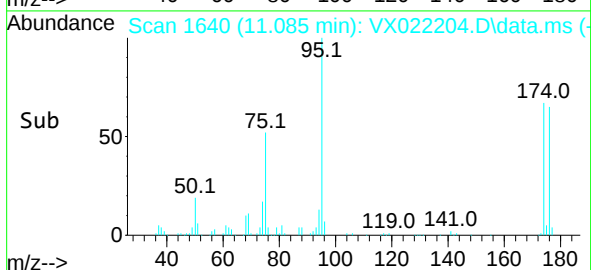
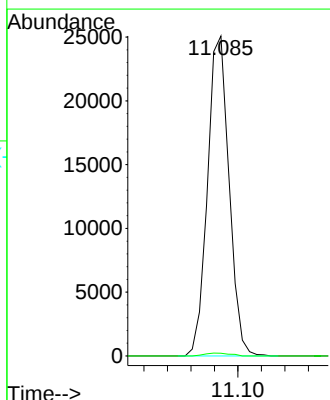
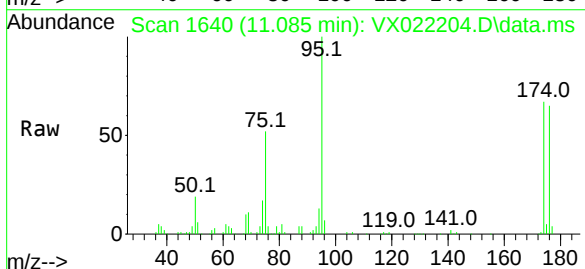
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-121.5N-20210525

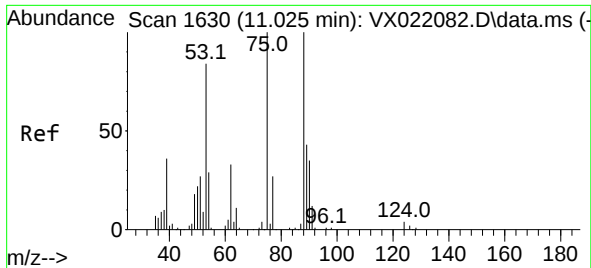
Tgt Ion:152 Resp: 50729
 Ion Ratio Lower Upper
 152 100
 115 65.8 41.1 123.3
 150 155.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.52 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022204.D
 Acq: 26 May 2021 17:53

Tgt Ion: 75 Resp: 31944
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

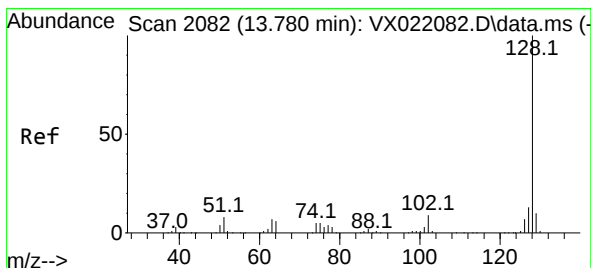
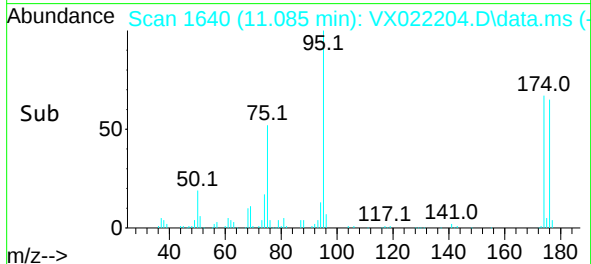
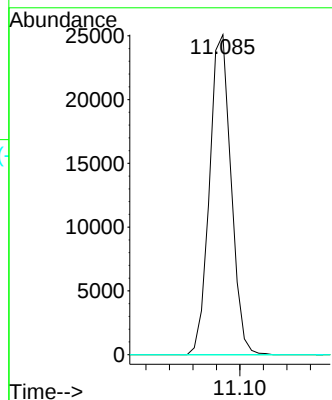
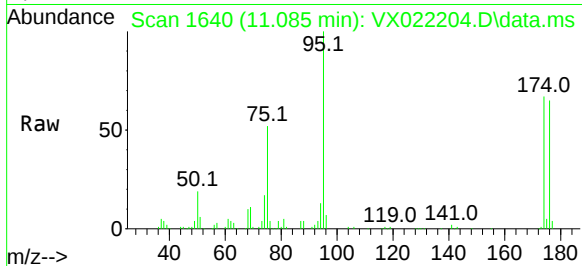




#81
trans-1,4-Dichloro-2-butene
Concen: 60.48 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022204.D
Acq: 26 May 2021 17:53

Instrument :
MSVOA_X
ClientSampleId :
MH-121.5N-20210525

Tgt Ion: 75 Resp: 31944
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 0.23 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022204.D
Acq: 26 May 2021 17:53

Tgt Ion:128 Resp: 911
Ion Ratio Lower Upper
128 100
127 16.6 10.3 15.5#
129 11.3 8.8 13.2

