

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021721\
 Data File : VN065921.D
 Acq On : 18 Feb 2021 2:59
 Operator : JC/MD
 Sample : M1432-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR2-130-138-021521

Quant Time: Feb 18 04:07:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

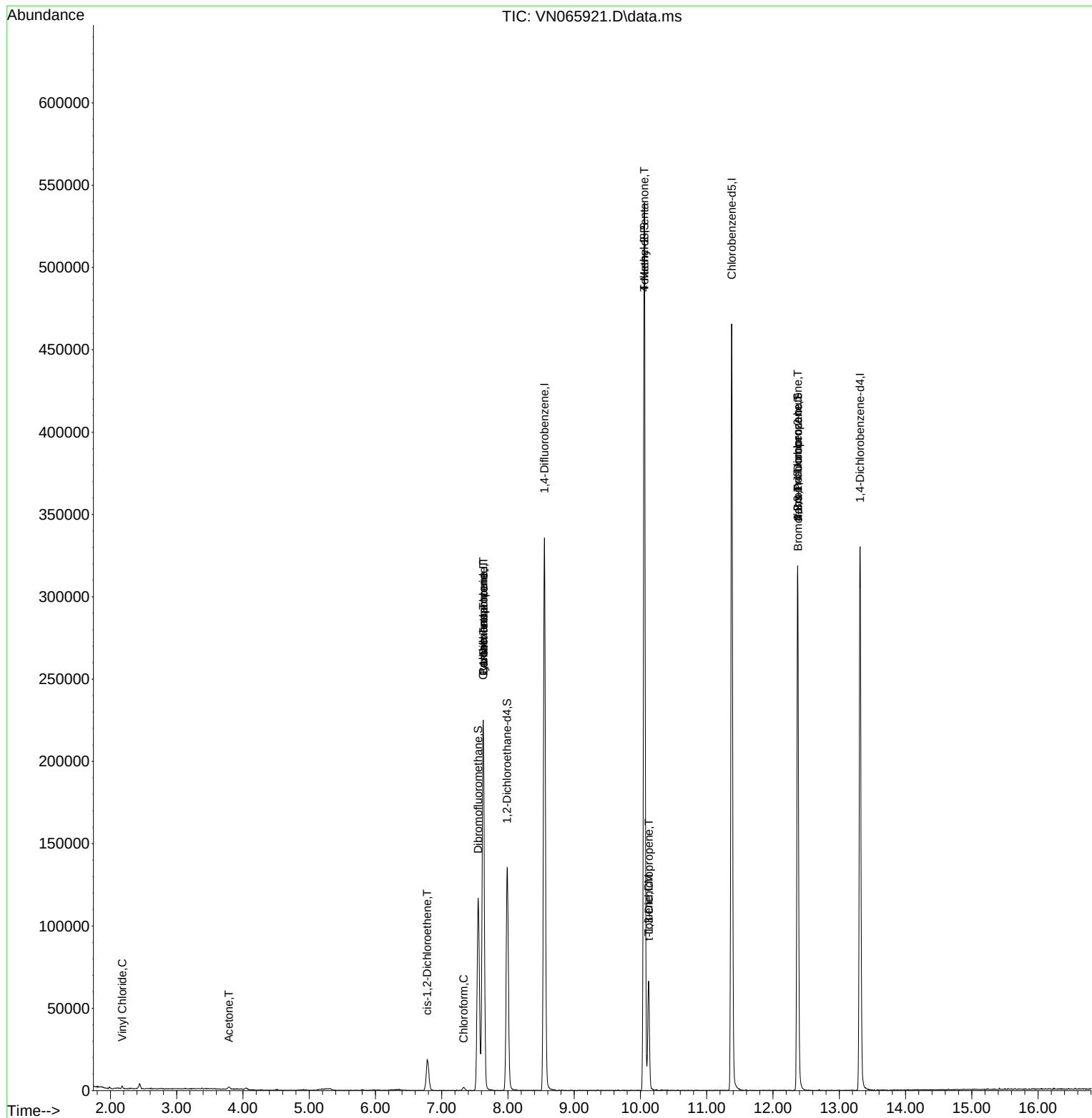
Internal Standards						
1) Pentafluorobenzene	7.627	168	179692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	309391	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	278655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	98125	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	119569	47.58	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.16%		
35) Dibromofluoromethane	7.550	113	93709	48.94	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.88%		
50) Toluene-d8	10.058	98	383808	48.83	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.66%		
62) 4-Bromofluorobenzene	12.373	95	125775	42.63	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	85.26%		
Target Compounds						Qvalue
4) Vinyl Chloride	2.177	62	1510	0.52	ug/l	91
16) Acetone	3.785	43	2289	1.30	ug/l	98
27) cis-1,2-Dichloroethene	6.782	96	13297	5.50	ug/l	97
30) Chloroform	7.332	83	2557	0.65	ug/l	94
31) Cyclohexane	7.624	56	3576	0.95	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	14042	4.60	ug/l #	44
38) Carbon Tetrachloride	7.627	117	18537	6.54	ug/l #	17
51) 4-Methyl-2-Pentanone	10.058	43	1527	0.57	ug/l #	1
52) Toluene	10.122	92	29208	5.08	ug/l	96
53) t-1,3-Dichloropropene	10.126	75	95	2.01	ug/l #	1
71) Bromoform	12.376	173	430	2.77	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	61981	26.29	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	61981	83.80	ug/l #	12

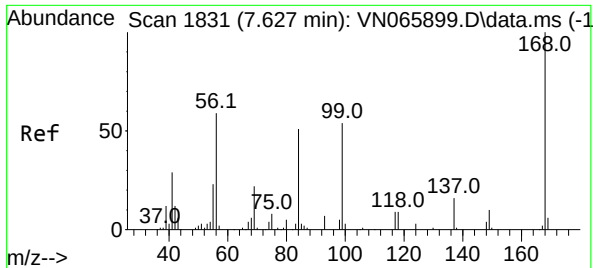
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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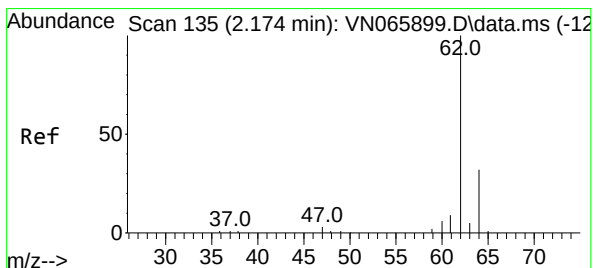
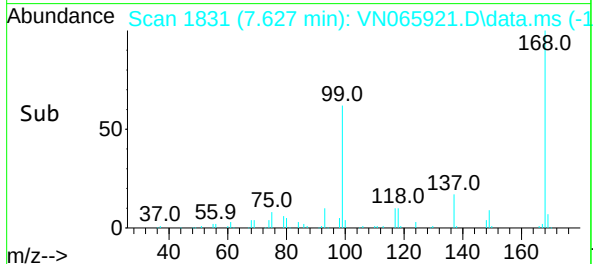
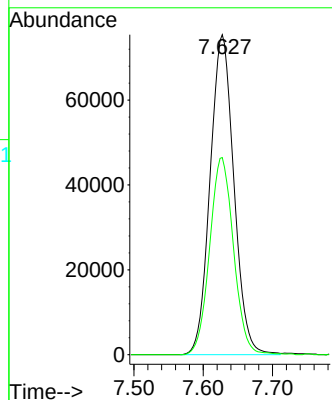
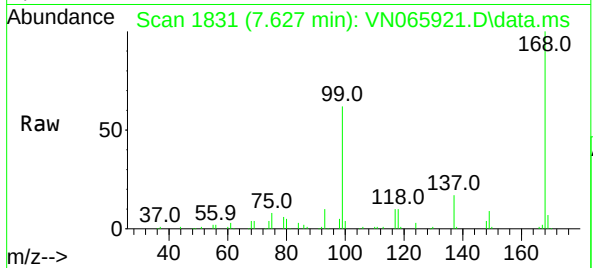




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065921.D
Acq: 18 Feb 2021 2:59

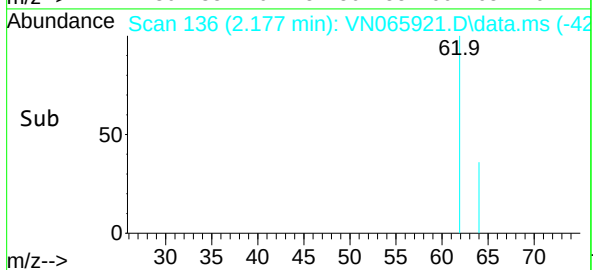
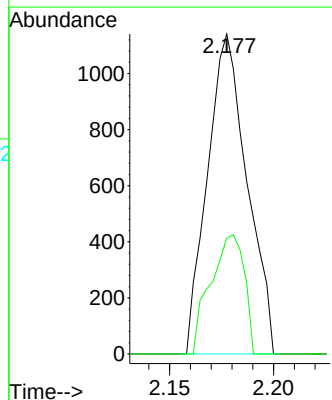
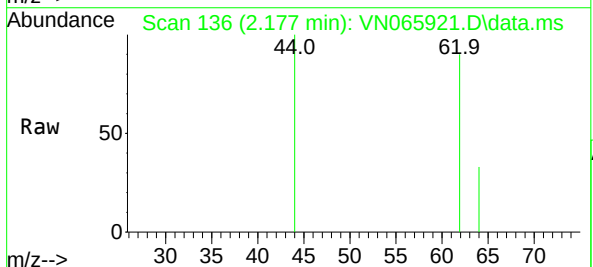
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-130-138-021521

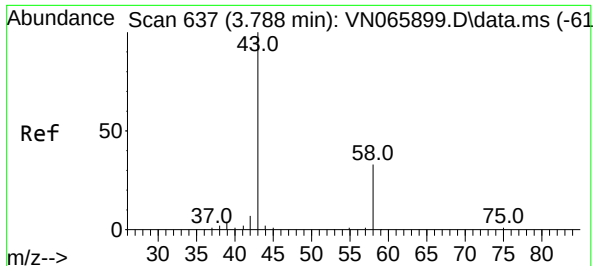
Tgt Ion:168 Resp: 179692
Ion Ratio Lower Upper
168 100
99 61.6 42.6 63.8



#4
Vinyl Chloride
Concen: 0.52 ug/l
RT: 2.177 min Scan# 136
Delta R.T. 0.003 min
Lab File: VN065921.D
Acq: 18 Feb 2021 2:59

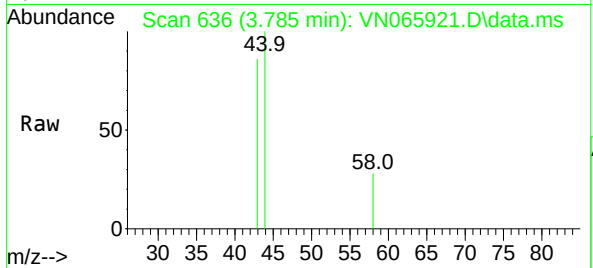
Tgt Ion: 62 Resp: 1510
Ion Ratio Lower Upper
62 100
64 36.2 25.1 37.7



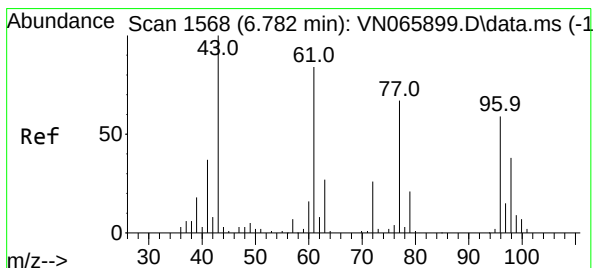
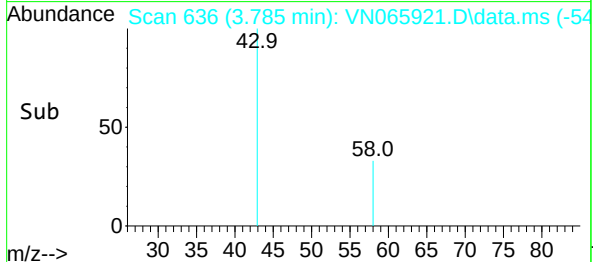
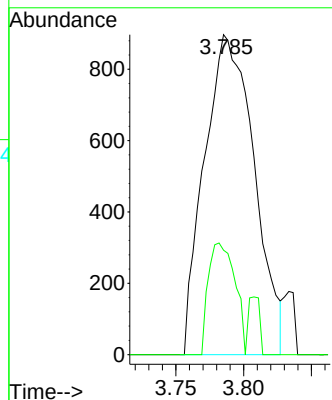


#16
Acetone
Concen: 1.30 ug/l
RT: 3.785 min Scan# 636
Delta R.T. -0.003 min
Lab File: VN065921.D
Acq: 18 Feb 2021 2:59

Instrument :
MSVOA_N
ClientSampleId :
GWBR2-130-138-021521

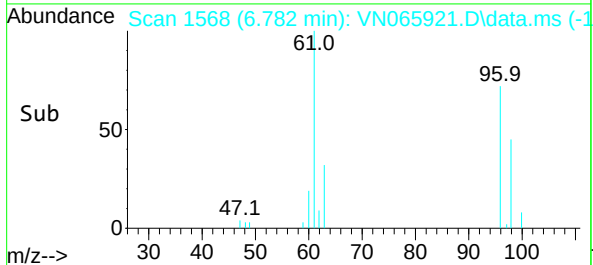
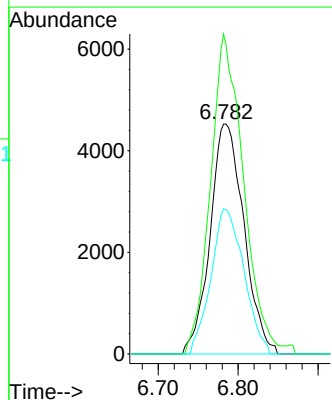
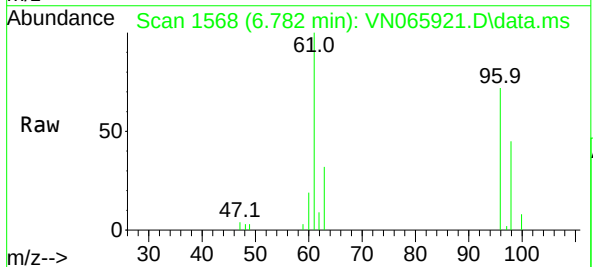


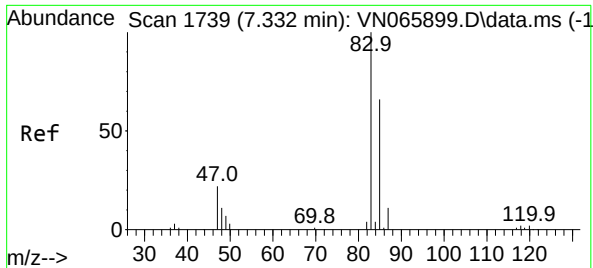
Tgt Ion: 43 Resp: 2289
Ion Ratio Lower Upper
43 100
58 32.7 27.0 40.6



#27
cis-1,2-Dichloroethene
Concen: 5.50 ug/l
RT: 6.782 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN065921.D
Acq: 18 Feb 2021 2:59

Tgt Ion: 96 Resp: 13297
Ion Ratio Lower Upper
96 100
61 135.6 0.0 276.8
98 61.5 0.0 129.4





#30

Chloroform

Concen: 0.65 ug/l

RT: 7.332 min Scan# 1739

Delta R.T. -0.000 min

Lab File: VN065921.D

Acq: 18 Feb 2021 2:59

Tgt Ion: 83 Resp: 2557

Ion Ratio Lower Upper

83 100

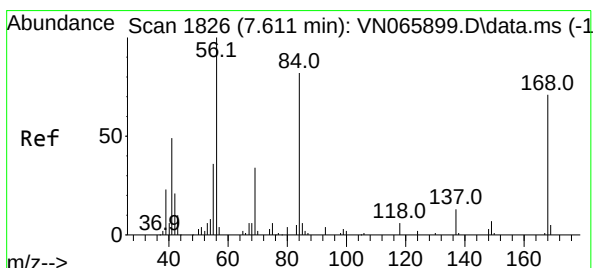
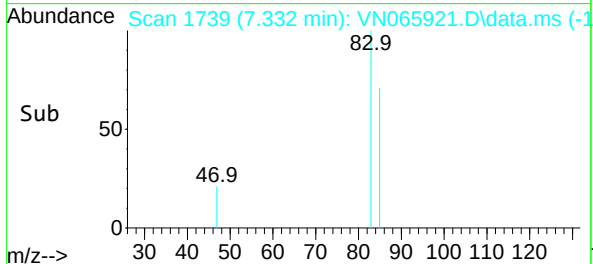
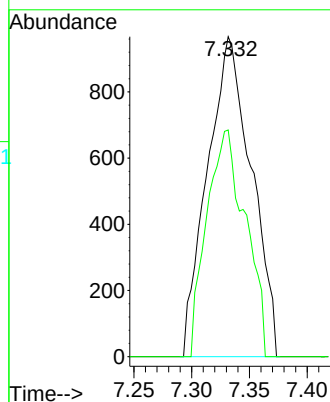
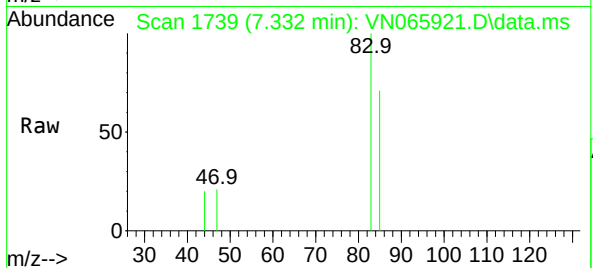
85 70.8 52.6 78.8

Instrument :

MSVOA_N

ClientSampleId :

GWBR2-130-138-021521



#31

Cyclohexane

Concen: 0.95 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. 0.013 min

Lab File: VN065921.D

Acq: 18 Feb 2021 2:59

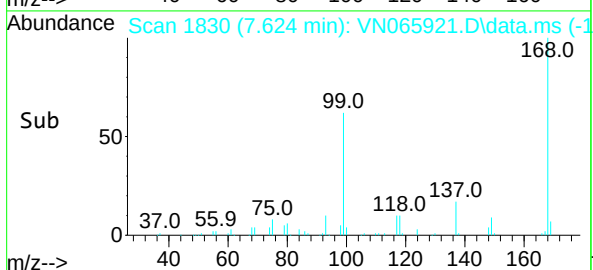
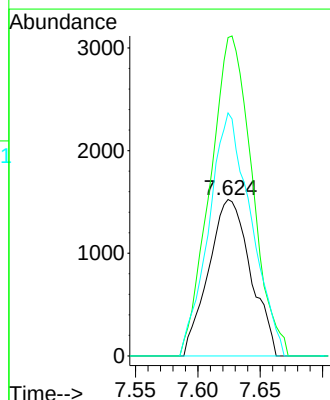
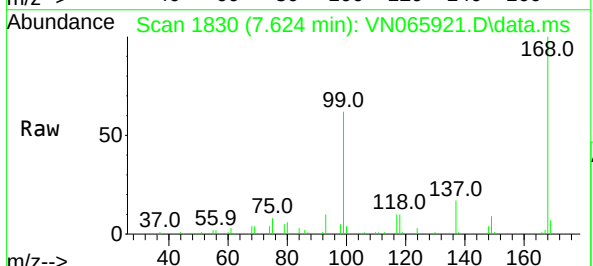
Tgt Ion: 56 Resp: 3576

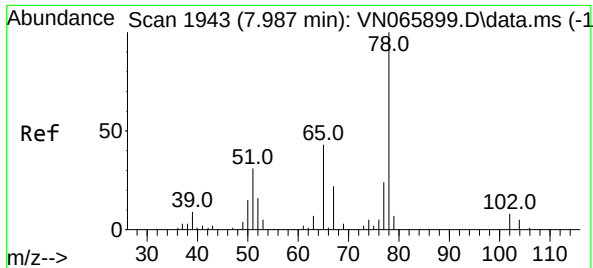
Ion Ratio Lower Upper

56 100

69 203.5 26.6 39.8#

84 155.3 70.4 105.6#

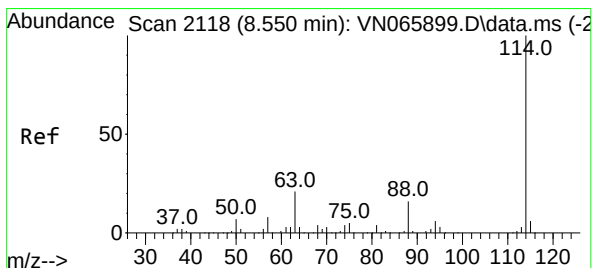
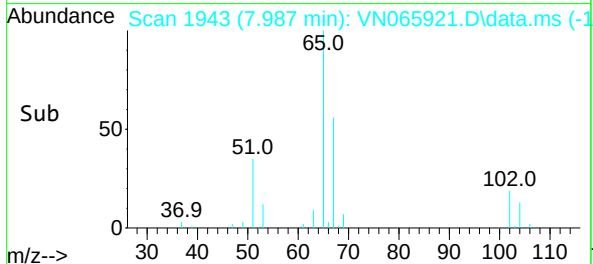
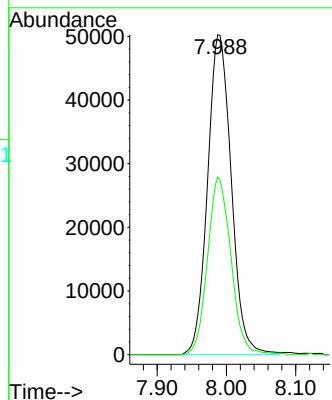
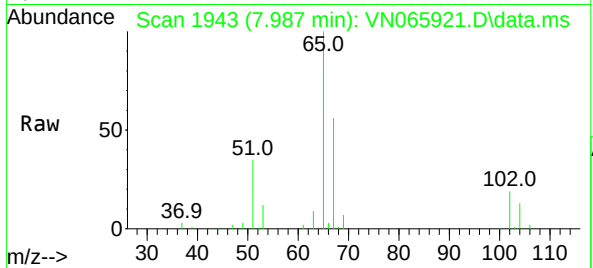




#33
1,2-Dichloroethane-d4
Concen: 47.58 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065921.D
Acq: 18 Feb 2021 2:59

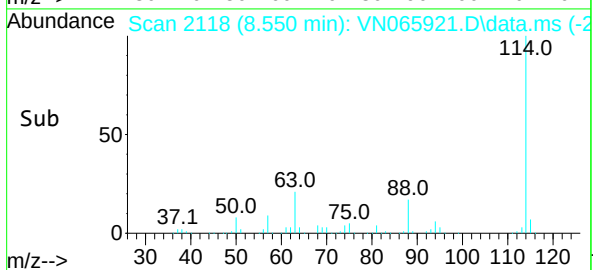
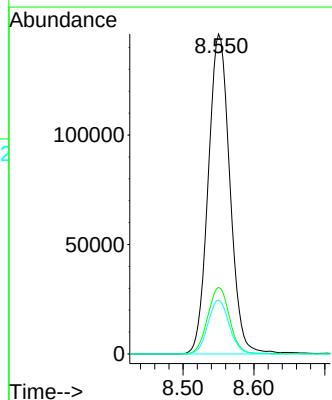
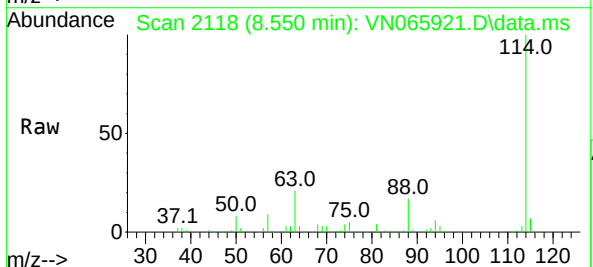
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-130-138-021521

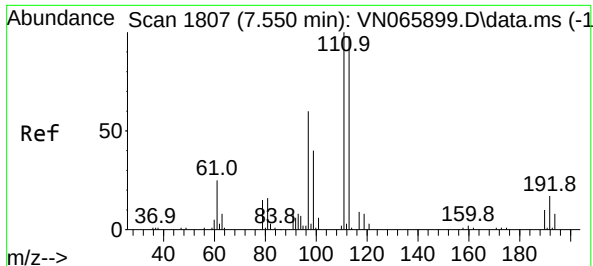
Tgt Ion: 65 Resp: 119569
Ion Ratio Lower Upper
65 100
67 54.6 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065921.D
Acq: 18 Feb 2021 2:59

Tgt Ion: 114 Resp: 309391
Ion Ratio Lower Upper
114 100
63 20.8 0.0 38.6
88 16.9 0.0 30.6

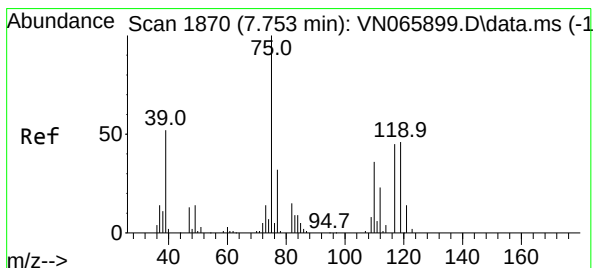
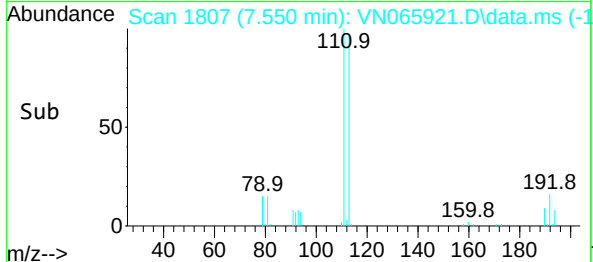
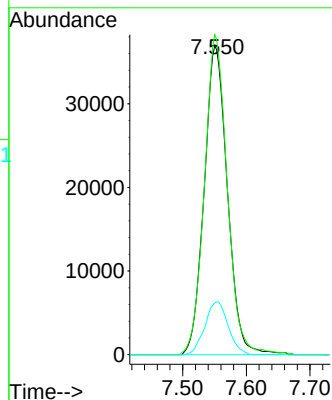
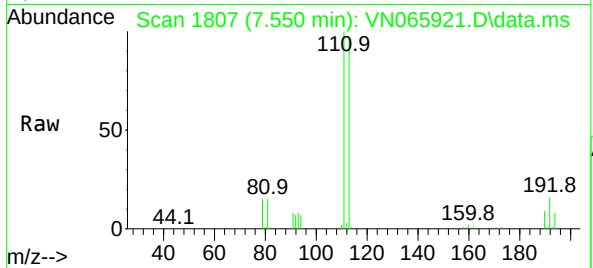




#35
Dibromofluoromethane
Concen: 48.94 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065921.D
Acq: 18 Feb 2021 2:59

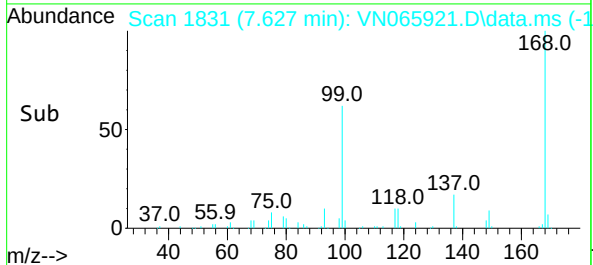
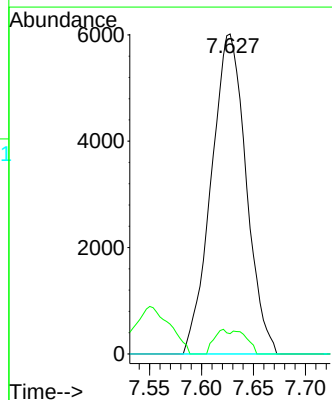
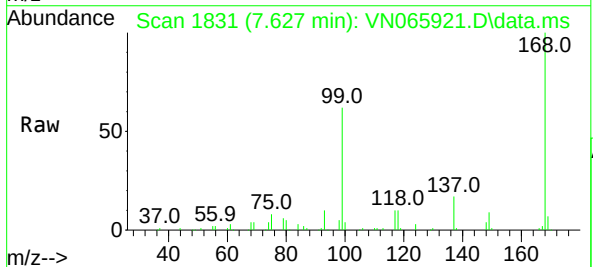
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-130-138-021521

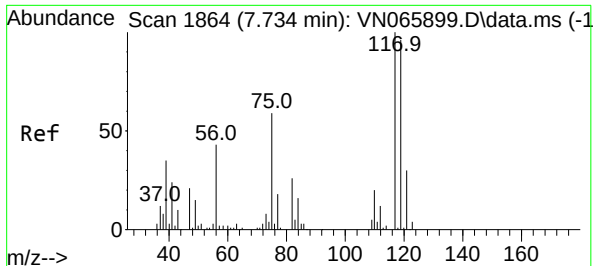
Tgt Ion:	113	Resp:	93709
Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.2	123.2
192	17.1	15.4	23.0



#36
1,1-Dichloropropene
Concen: 4.60 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065921.D
Acq: 18 Feb 2021 2:59

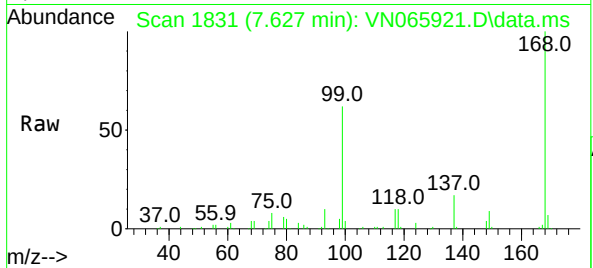
Tgt Ion:	75	Resp:	14042
Ion	Ratio	Lower	Upper
75	100		
110	3.4	18.2	54.6#
77	0.0	24.9	37.3#



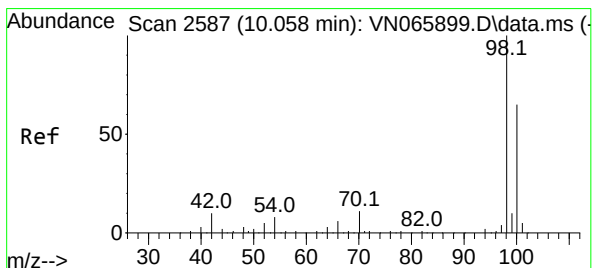
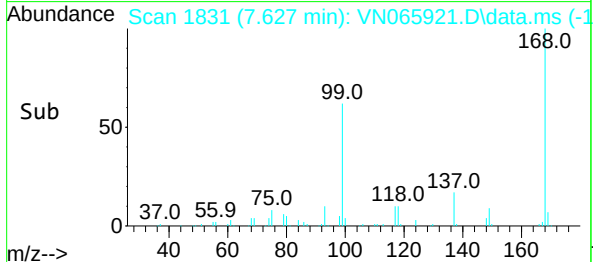
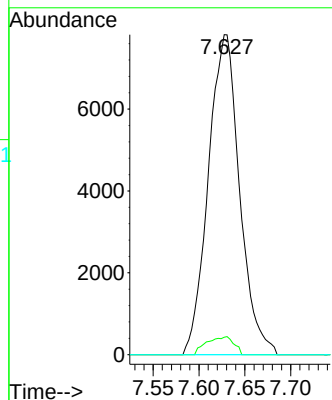


#38
Carbon Tetrachloride
Concen: 6.54 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.107 min
Lab File: VN065921.D
Acq: 18 Feb 2021 2:59

Instrument :
MSVOA_N
ClientSampleId :
GWBR2-130-138-021521

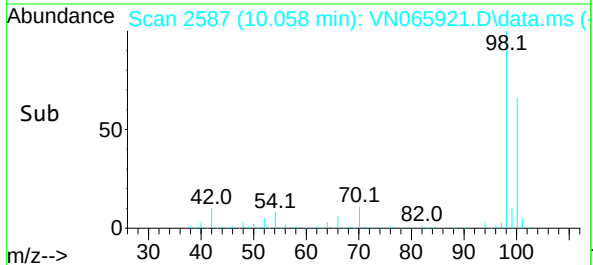
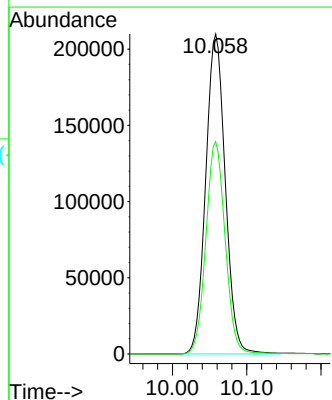
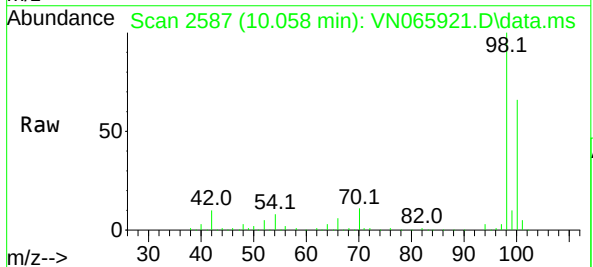


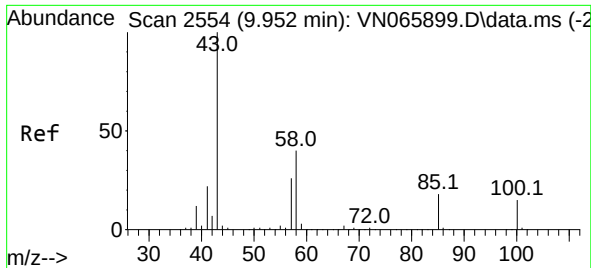
Tgt Ion:117 Resp: 18537
Ion Ratio Lower Upper
117 100
119 5.5 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.83 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065921.D
Acq: 18 Feb 2021 2:59

Tgt Ion: 98 Resp: 383808
Ion Ratio Lower Upper
98 100
100 65.4 50.5 75.7

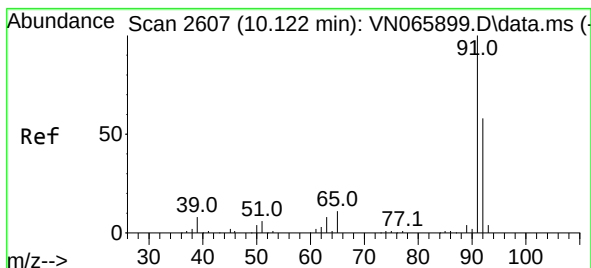
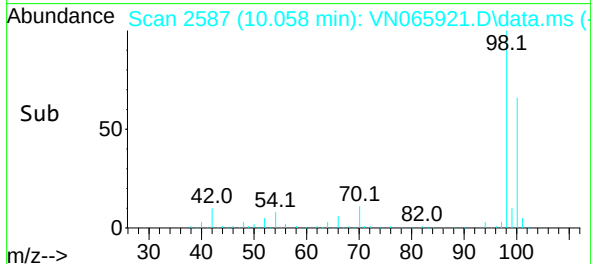
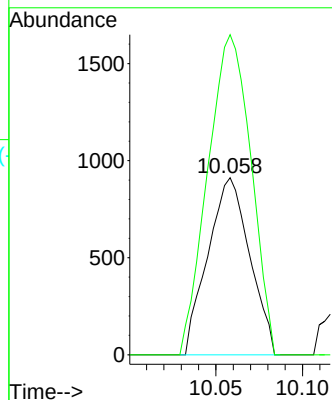
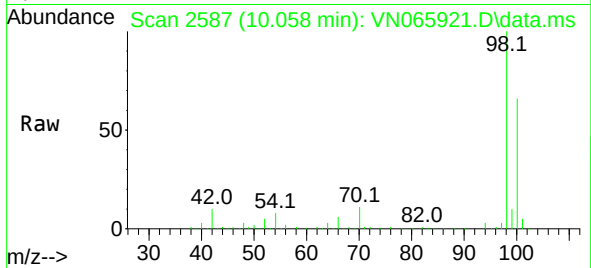




#51
4-Methyl-2-Pentanone
Concen: 0.57 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.106 min
Lab File: VN065921.D
Acq: 18 Feb 2021 2:59

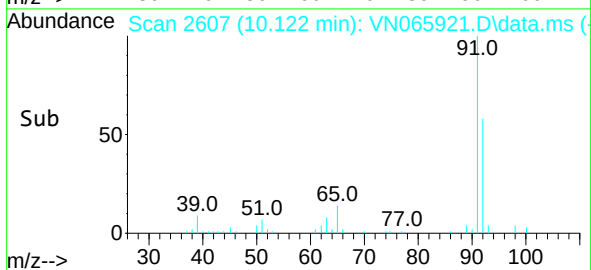
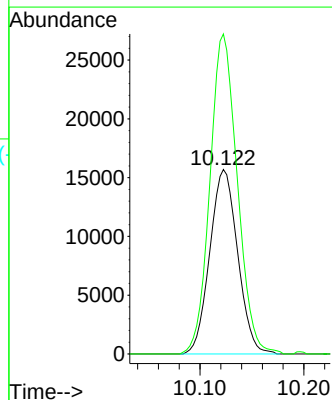
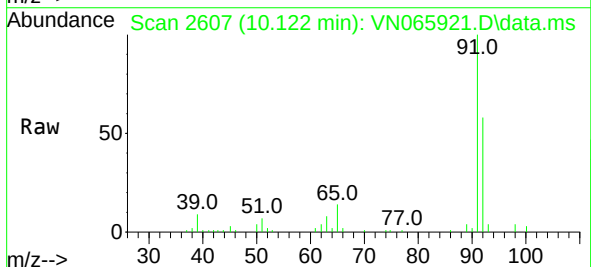
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-130-138-021521

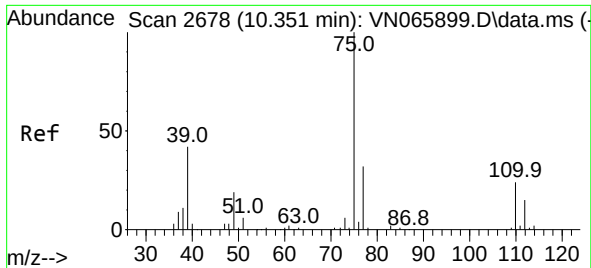
Tgt Ion: 43 Resp: 1527
Ion Ratio Lower Upper
43 100
58 187.2 32.5 48.7#



#52
Toluene
Concen: 5.08 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065921.D
Acq: 18 Feb 2021 2:59

Tgt Ion: 92 Resp: 29208
Ion Ratio Lower Upper
92 100
91 170.4 140.7 211.1

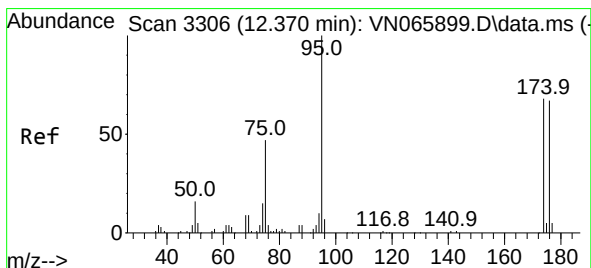
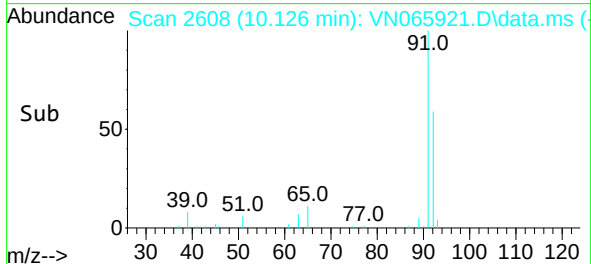
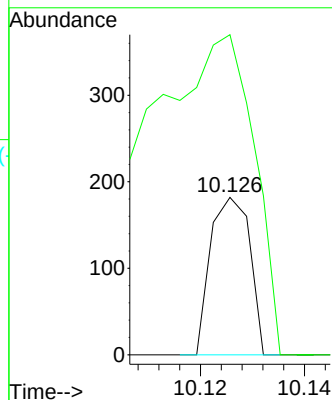
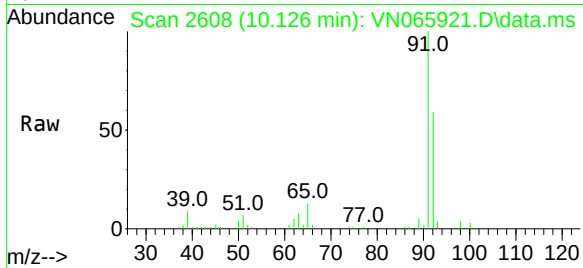




#53
t-1,3-Dichloropropene
Concen: 2.01 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. -0.225 min
Lab File: VN065921.D
Acq: 18 Feb 2021 2:59

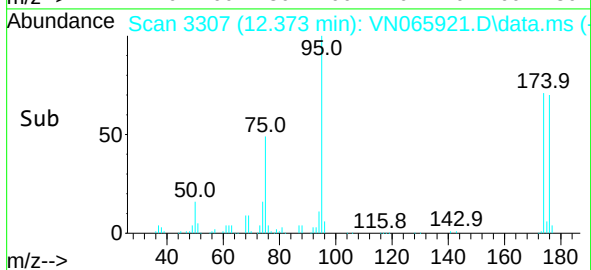
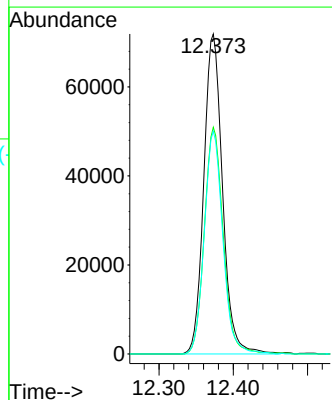
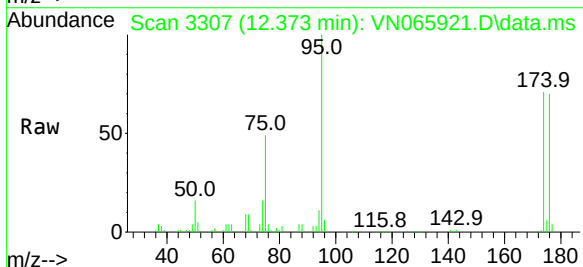
Instrument :
MSVOA_N
ClientSampleId :
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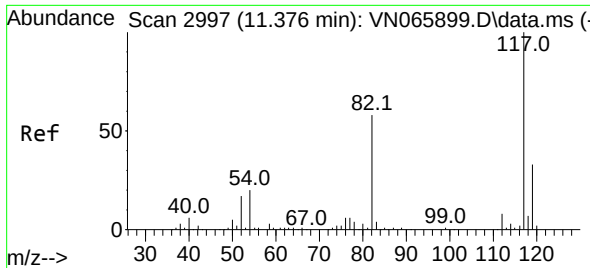
Tgt Ion: 75 Resp: 95
Ion Ratio Lower Upper
75 100
77 203.3 26.2 39.4#



#62
4-Bromofluorobenzene
Concen: 42.63 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065921.D
Acq: 18 Feb 2021 2:59

Tgt Ion: 95 Resp: 125775
Ion Ratio Lower Upper
95 100
174 71.4 0.0 169.0
176 69.1 0.0 162.4

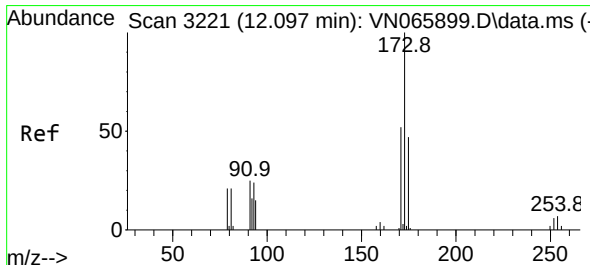
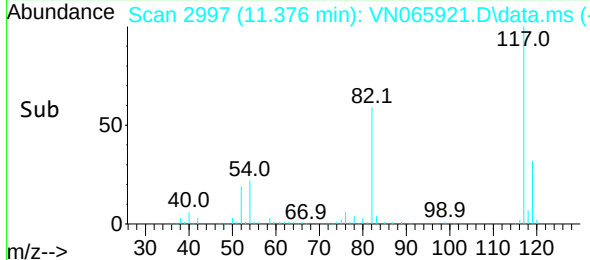
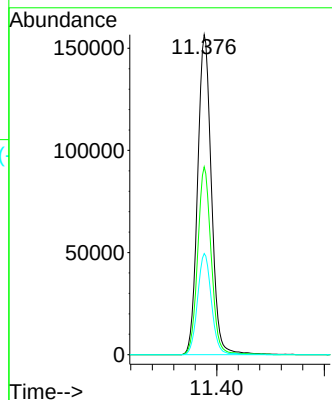
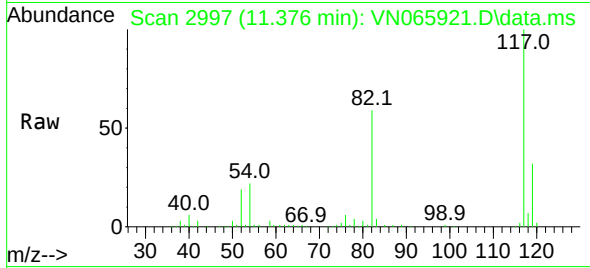




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065921.D
Acq: 18 Feb 2021 2:59

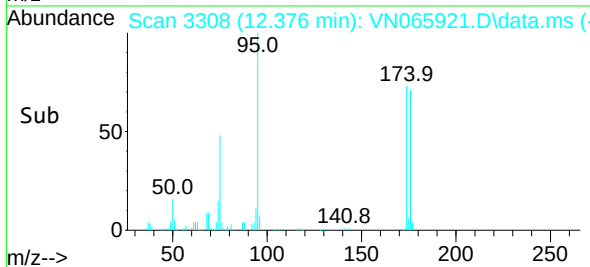
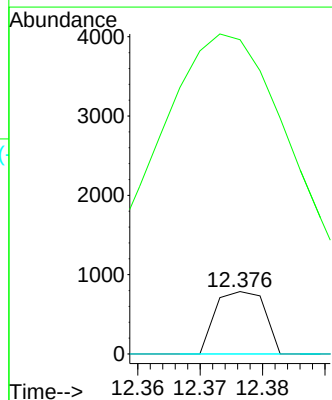
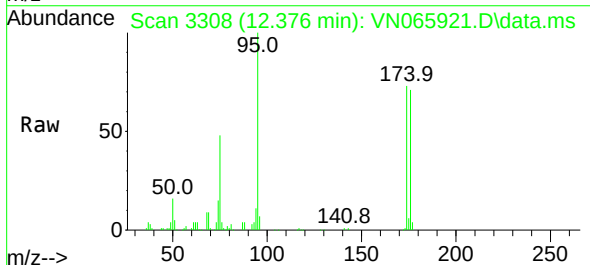
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-130-138-021521

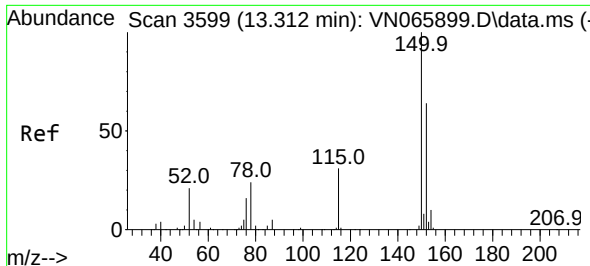
Tgt Ion:117 Resp: 278655
Ion Ratio Lower Upper
117 100
82 58.7 43.7 65.5
119 31.6 26.1 39.1



#71
Bromoform
Concen: 2.77 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.279 min
Lab File: VN065921.D
Acq: 18 Feb 2021 2:59

Tgt Ion:173 Resp: 430
Ion Ratio Lower Upper
173 100
175 1344.7 23.8 71.2#
254 0.0 0.0 0.0

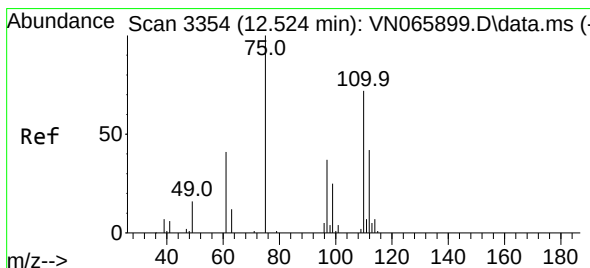
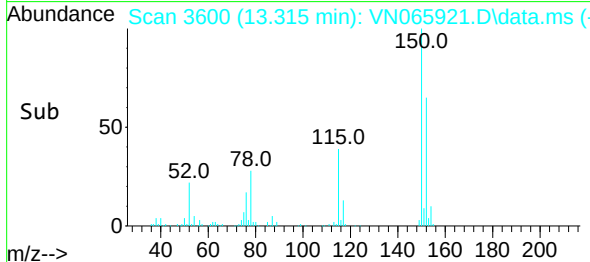
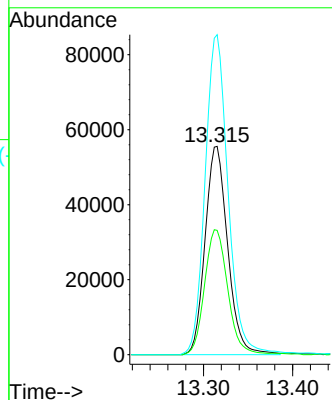
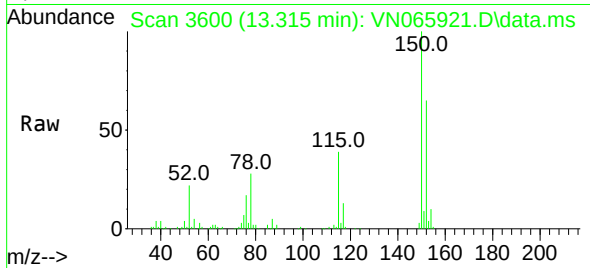




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN065921.D
 Acq: 18 Feb 2021 2:59

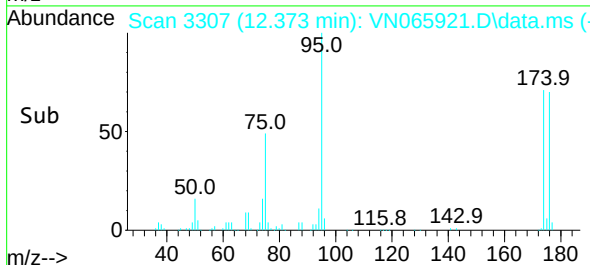
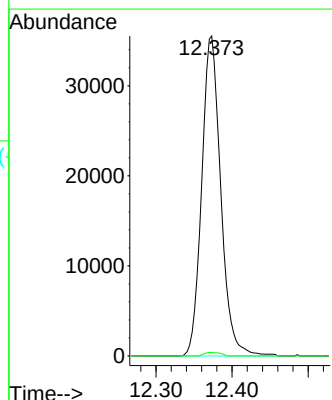
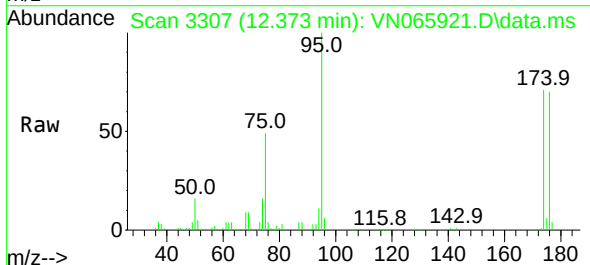
Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR2-130-138-021521

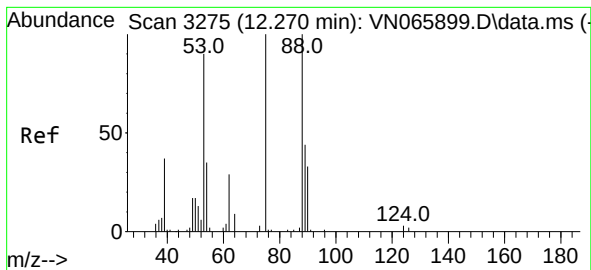
Tgt Ion:152 Resp: 98125
 Ion Ratio Lower Upper
 152 100
 115 61.2 28.5 85.6
 150 156.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 26.29 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.151 min
 Lab File: VN065921.D
 Acq: 18 Feb 2021 2:59

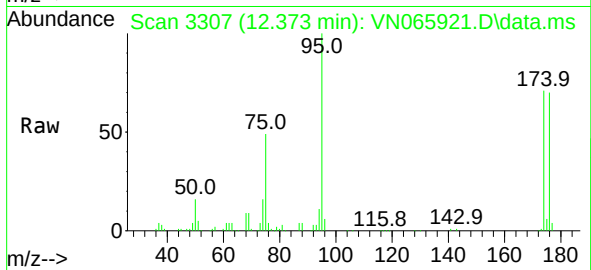
Tgt Ion: 75 Resp: 61981
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.80 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. 0.103 min
 Lab File: VN065921.D
 Acq: 18 Feb 2021 2:59

Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR2-130-138-021521



Tgt Ion: 75 Resp: 61981
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.0 35.8 53.8#

