

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021721\
 Data File : VN065920.D
 Acq On : 18 Feb 2021 2:34
 Operator : JC/MD
 Sample : M1432-01DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR2-120-128-021521DL

Quant Time: Feb 18 04:07:06 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)

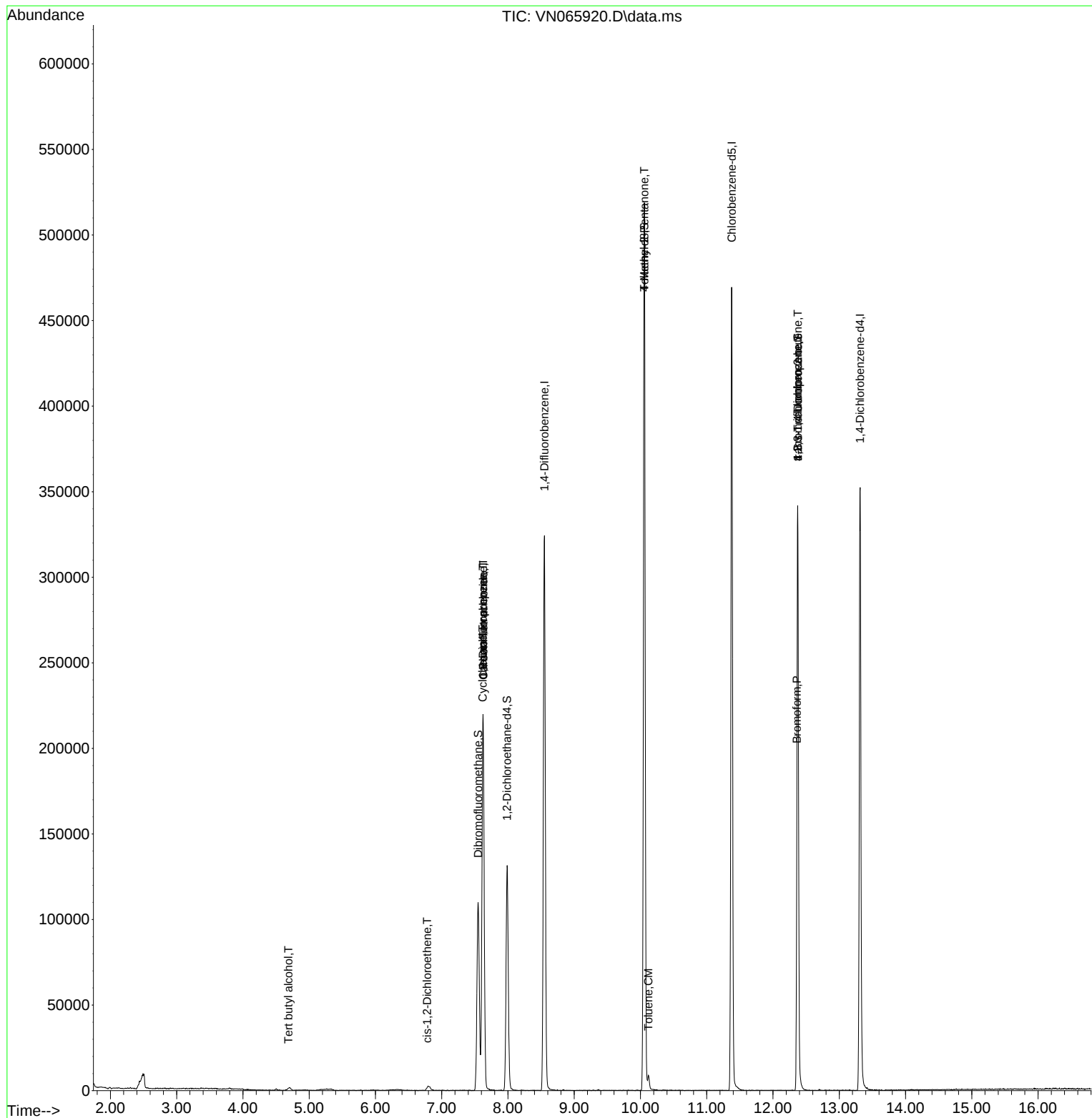
Internal Standards						
1) Pentafluorobenzene	7.624	168	174225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	296357	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	276116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	103067	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	116615	47.86	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.72%		
35) Dibromofluoromethane	7.550	113	87643	47.78	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.56%		
50) Toluene-d8	10.058	98	374050	49.68	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.36%		
62) 4-Bromofluorobenzene	12.373	95	133348	47.18	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.36%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.685	59	661	1.95	ug/l #	73
16) Acetone	3.798	43	864	Below Cal	#	41
27) cis-1,2-Dichloroethene	6.782	96	748	0.32	ug/l	69
31) Cyclohexane	7.618	56	1955	0.54	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	13537	4.63	ug/l #	48
38) Carbon Tetrachloride	7.627	117	17540	6.46	ug/l #	17
51) 4-Methyl-2-Pentanone	10.058	43	1228	0.48	ug/l #	1
52) Toluene	10.119	92	3380	0.61	ug/l	99
71) Bromoform	12.360	173	109	2.57	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	64261	25.95	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	64261	82.71	ug/l #	12

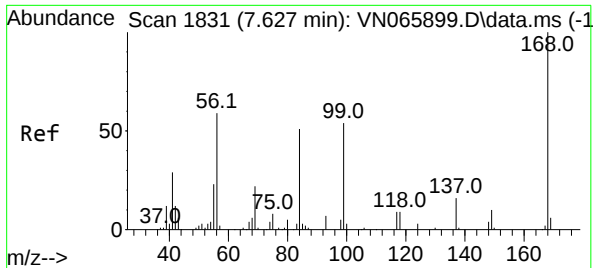
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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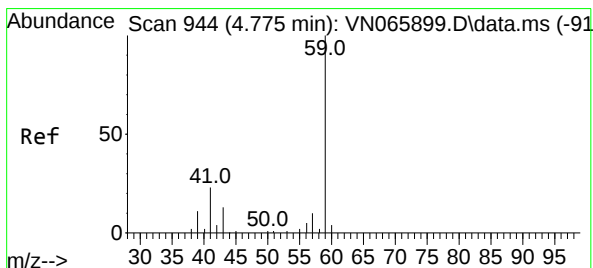
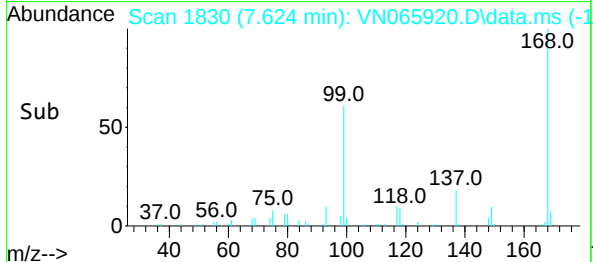
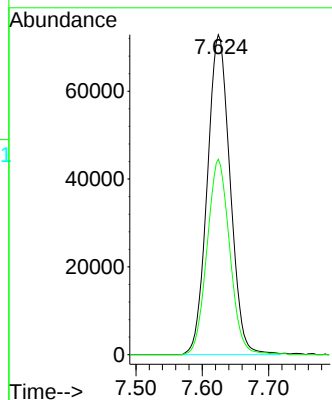
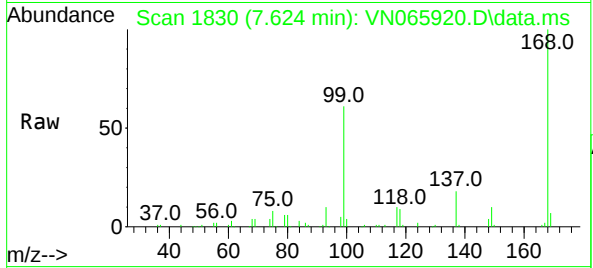




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.003 min
Lab File: VN065920.D
Acq: 18 Feb 2021 2:34

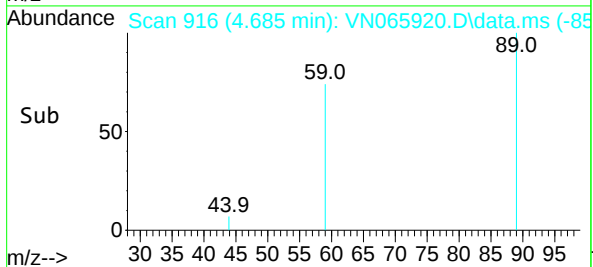
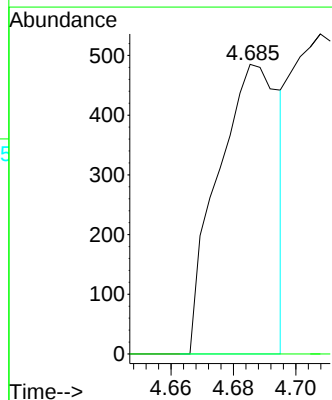
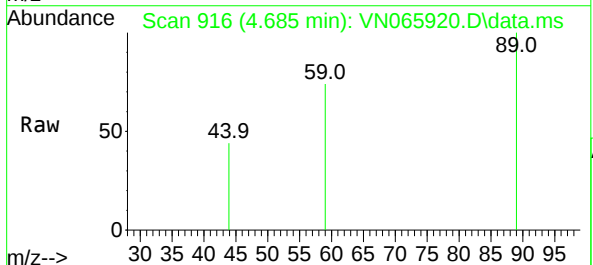
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-120-128-021521DL

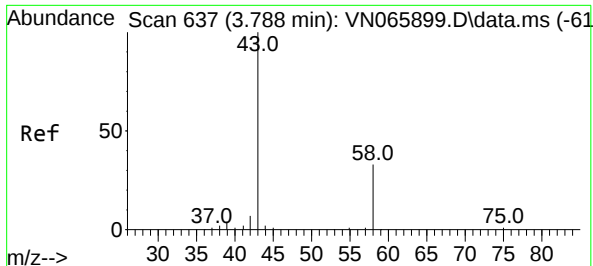
Tgt Ion:168 Resp: 174225
Ion Ratio Lower Upper
168 100
99 61.1 42.6 63.8



#11
Tert butyl alcohol
Concen: 1.95 ug/l
RT: 4.685 min Scan# 916
Delta R.T. -0.090 min
Lab File: VN065920.D
Acq: 18 Feb 2021 2:34

Tgt Ion: 59 Resp: 661
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

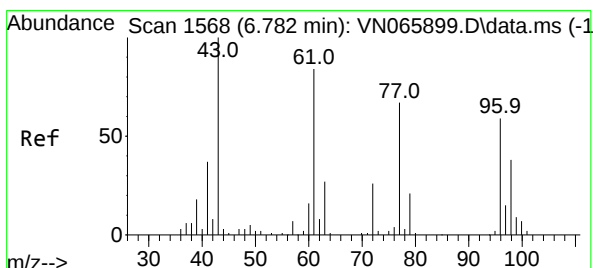
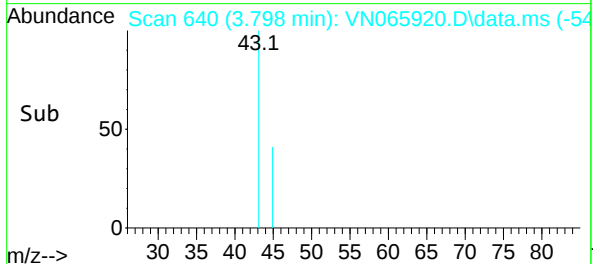
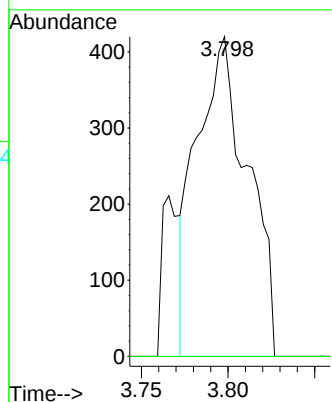
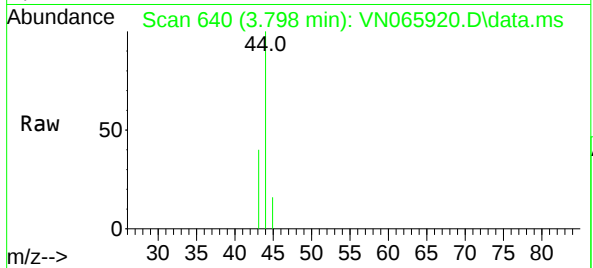




#16
Acetone
Concen: Below Cal
RT: 3.798 min Scan# 640
Delta R.T. 0.010 min
Lab File: VN065920.D
Acq: 18 Feb 2021 2:34

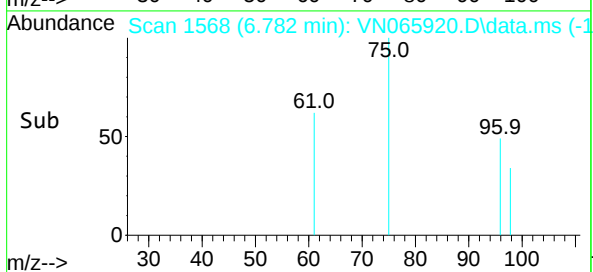
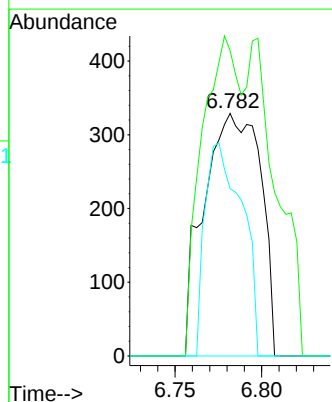
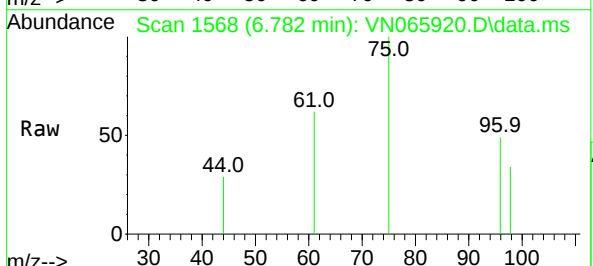
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-120-128-021521DL

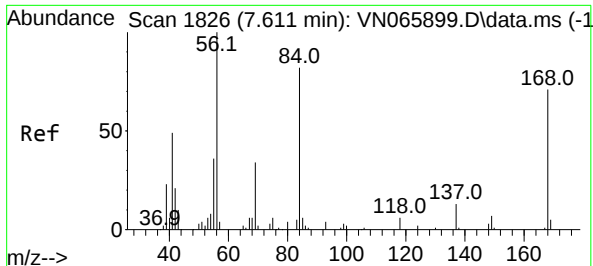
Tgt Ion: 43 Resp: 864
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#



#27
cis-1,2-Dichloroethene
Concen: 0.32 ug/l
RT: 6.782 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN065920.D
Acq: 18 Feb 2021 2:34

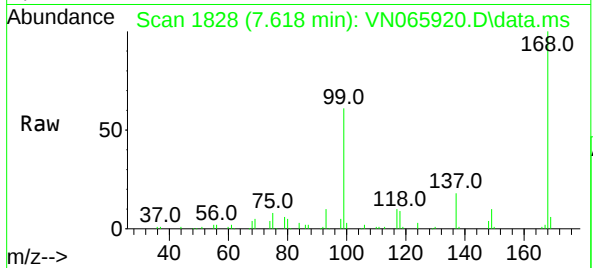
Tgt Ion: 96 Resp: 748
Ion Ratio Lower Upper
96 100
61 88.1 0.0 276.8
98 57.6 0.0 129.4



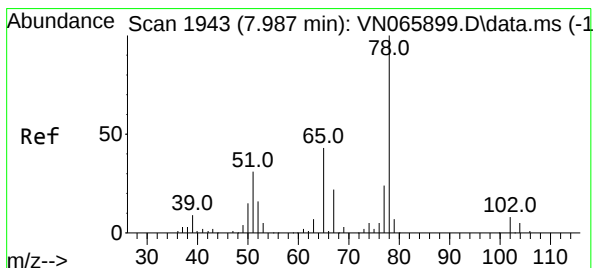
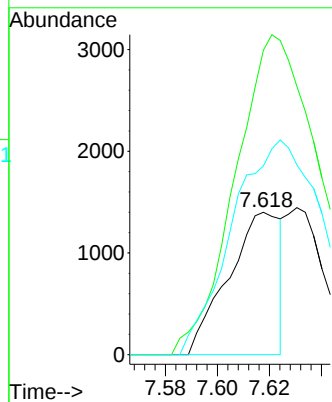
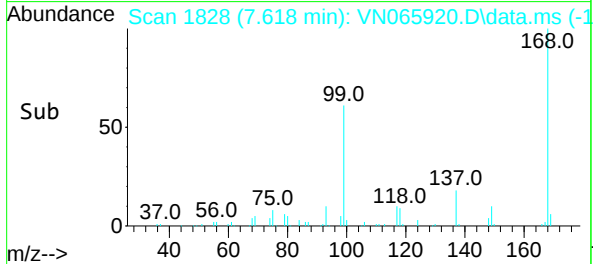


#31
Cyclohexane
Concen: 0.54 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. 0.007 min
Lab File: VN065920.D
Acq: 18 Feb 2021 2:34

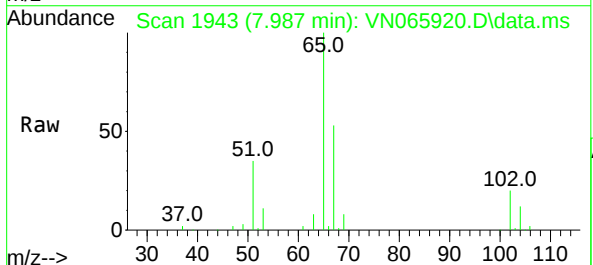
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-120-128-021521DL



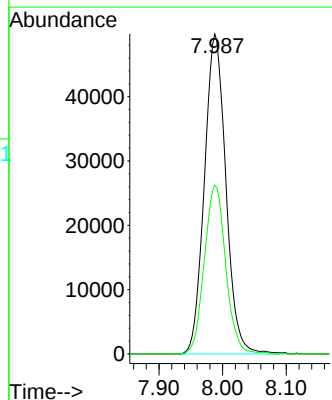
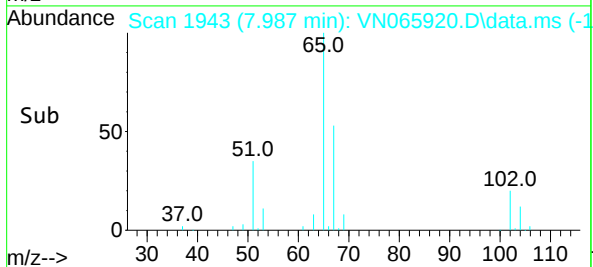
Tgt Ion: 56 Resp: 1955
Ion Ratio Lower Upper
56 100
69 202.3 26.6 39.8#
84 132.6 70.4 105.6#

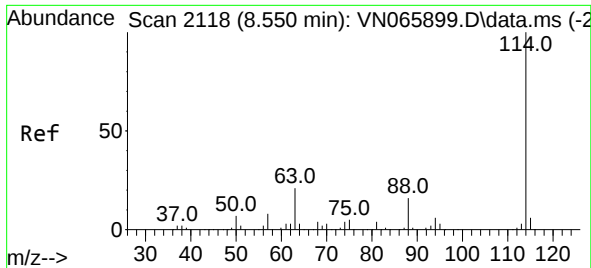


#33
1,2-Dichloroethane-d4
Concen: 47.86 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065920.D
Acq: 18 Feb 2021 2:34



Tgt Ion: 65 Resp: 116615
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.2

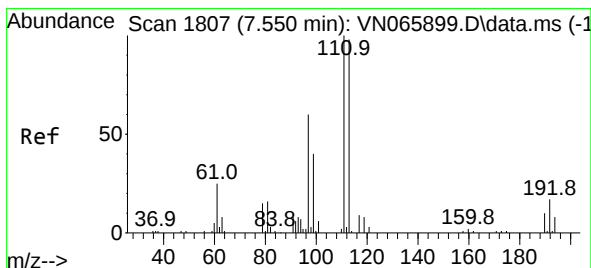
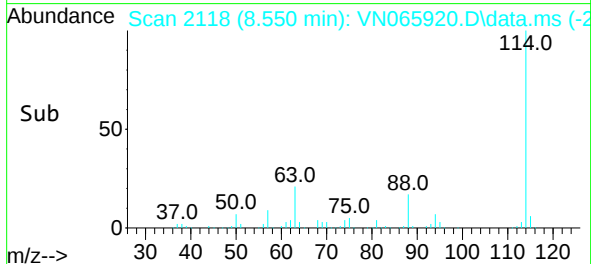
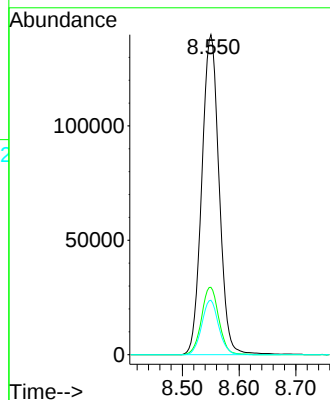
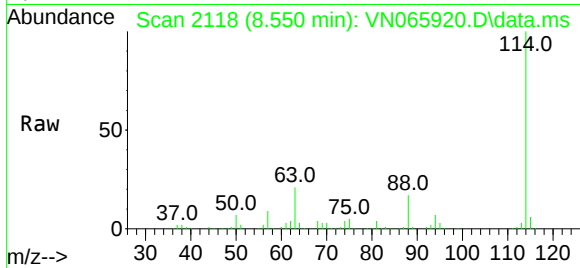




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065920.D
Acq: 18 Feb 2021 2:34

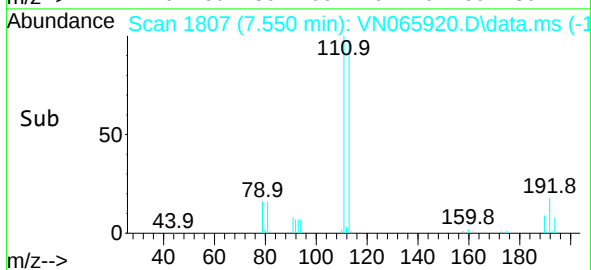
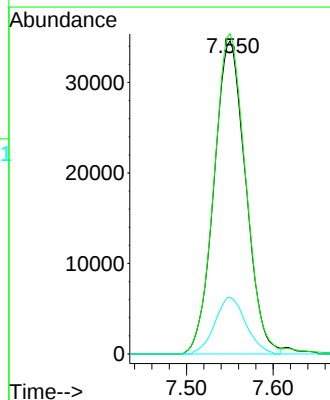
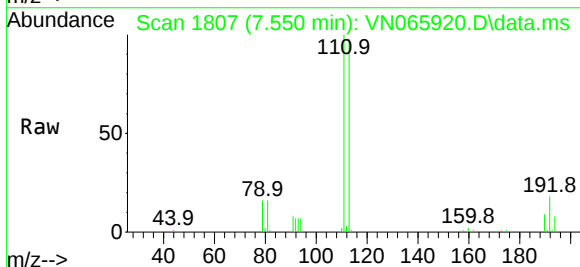
Instrument :
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ClientSampleId :
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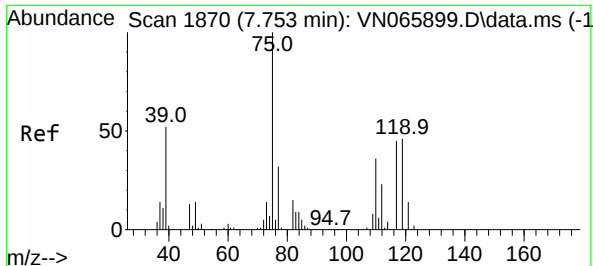
Tgt Ion:	114	Resp:	296357
Ion Ratio	Lower	Upper	
114	100		
63	21.1	0.0	38.6
88	17.0	0.0	30.6



#35
Dibromofluoromethane
Concen: 47.78 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065920.D
Acq: 18 Feb 2021 2:34

Tgt Ion:	113	Resp:	87643
Ion Ratio	Lower	Upper	
113	100		
111	102.0	82.2	123.2
192	17.7	15.4	23.0

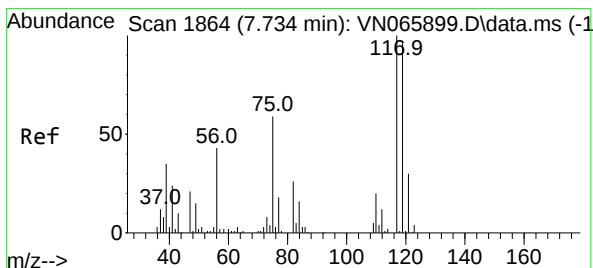
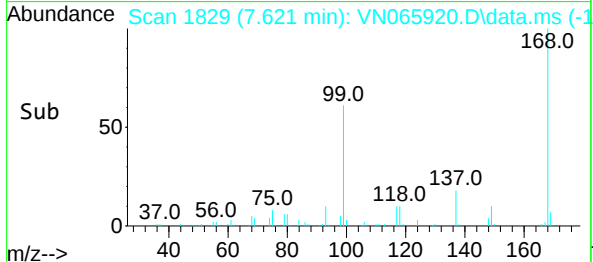
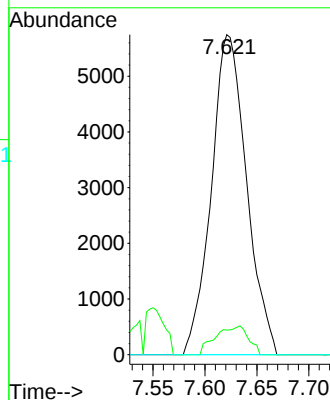
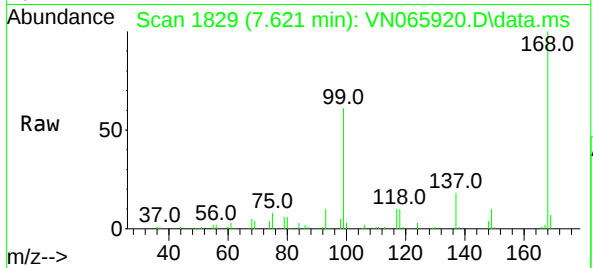




#36
1,1-Dichloropropene
Concen: 4.63 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.132 min
Lab File: VN065920.D
Acq: 18 Feb 2021 2:34

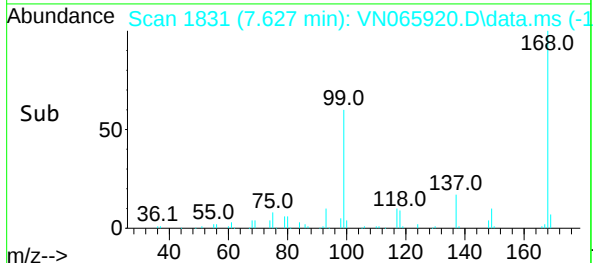
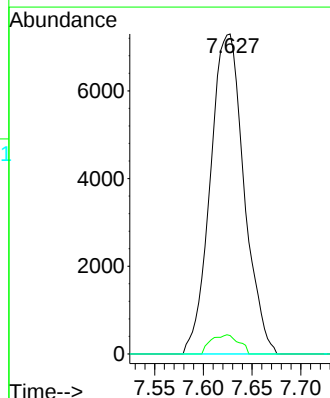
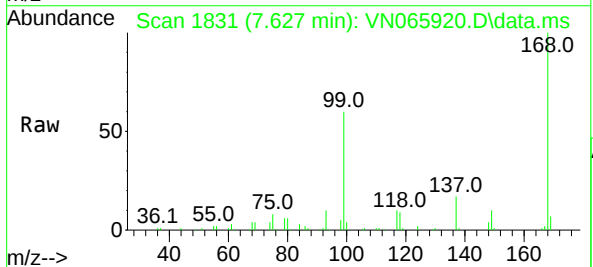
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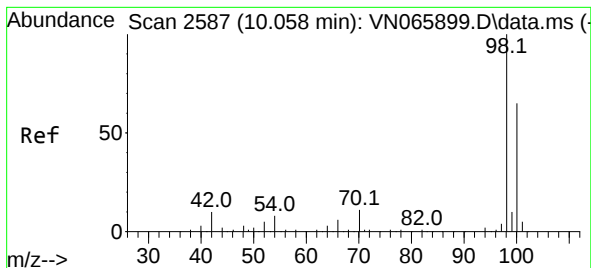
Tgt Ion: 75 Resp: 13537
Ion Ratio Lower Upper
75 100
110 8.4 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.46 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.107 min
Lab File: VN065920.D
Acq: 18 Feb 2021 2:34

Tgt Ion: 117 Resp: 17540
Ion Ratio Lower Upper
117 100
119 5.7 76.0 114.0#
121 0.0 24.5 36.7#

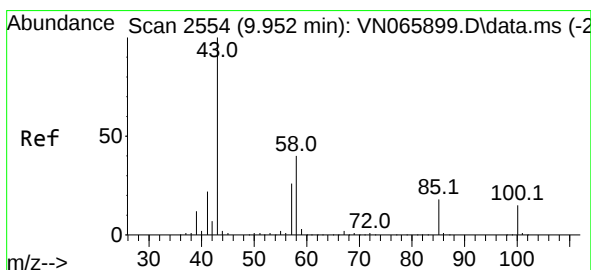
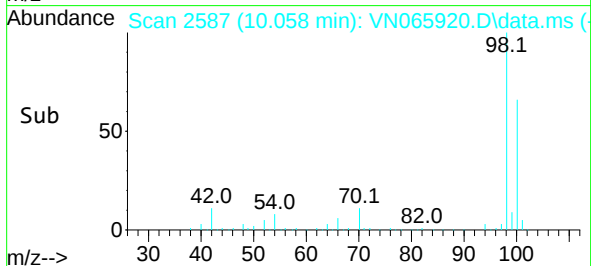
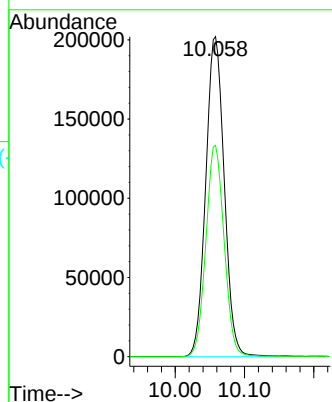
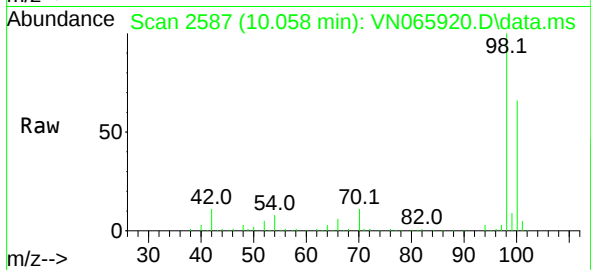




#50
Toluene-d8
Concen: 49.68 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065920.D
Acq: 18 Feb 2021 2:34

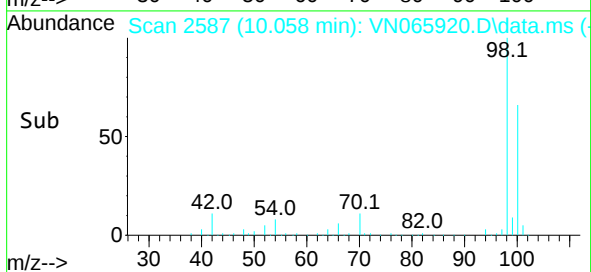
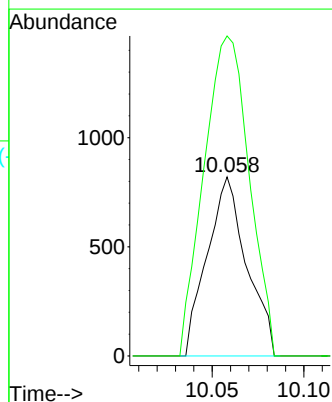
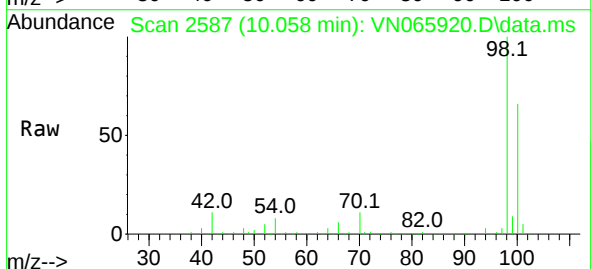
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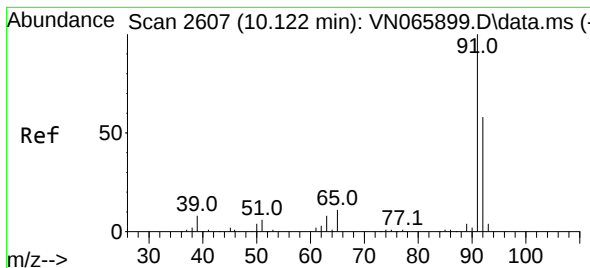
Tgt Ion: 98 Resp: 374050
Ion Ratio Lower Upper
98 100
100 65.1 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.48 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.106 min
Lab File: VN065920.D
Acq: 18 Feb 2021 2:34

Tgt Ion: 43 Resp: 1228
Ion Ratio Lower Upper
43 100
58 204.8 32.5 48.7#





#52

Toluene

Concen: 0.61 ug/l

RT: 10.119 min Scan# 2606

Delta R.T. -0.003 min

Lab File: VN065920.D

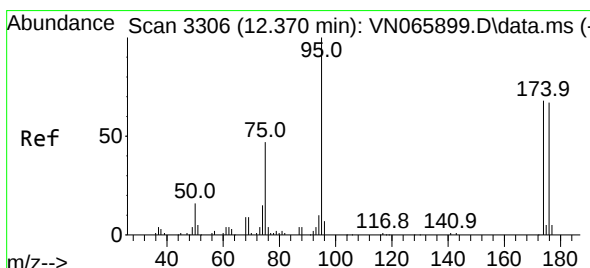
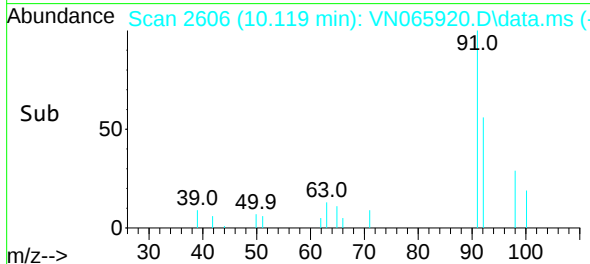
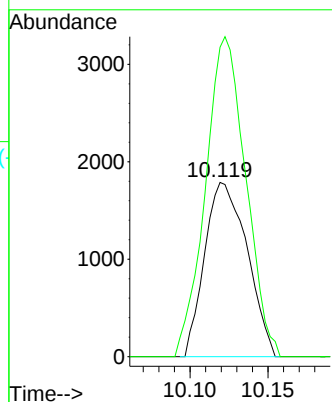
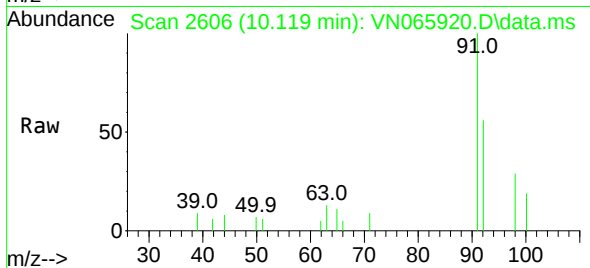
Acq: 18 Feb 2021 2:34

Tgt Ion: 92 Resp: 3380

Ion Ratio Lower Upper

92 100

91 174.4 140.7 211.1



#62

4-Bromofluorobenzene

Concen: 47.18 ug/l

RT: 12.373 min Scan# 3307

Delta R.T. 0.003 min

Lab File: VN065920.D

Acq: 18 Feb 2021 2:34

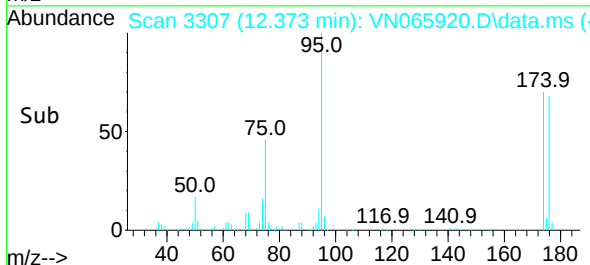
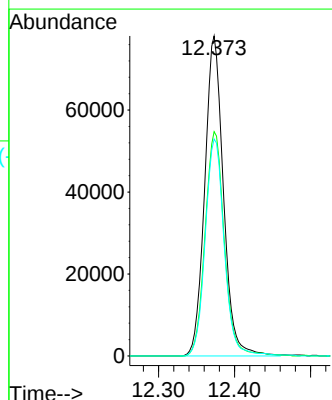
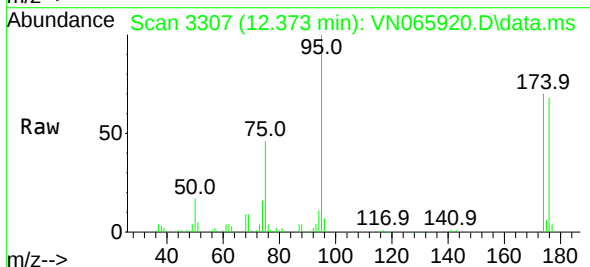
Tgt Ion: 95 Resp: 133348

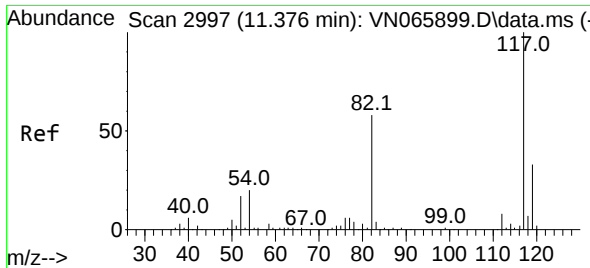
Ion Ratio Lower Upper

95 100

174 72.1 0.0 169.0

176 69.0 0.0 162.4

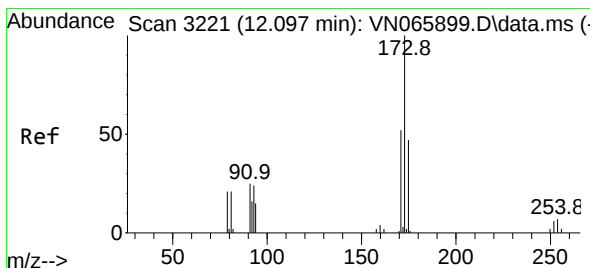
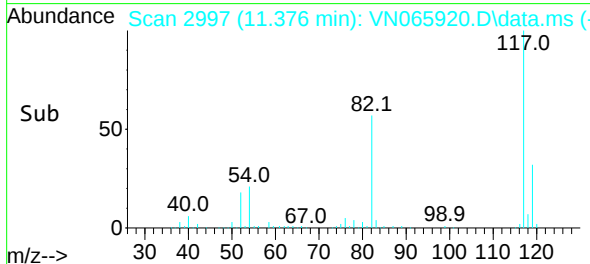
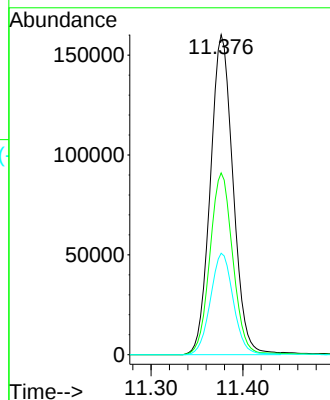
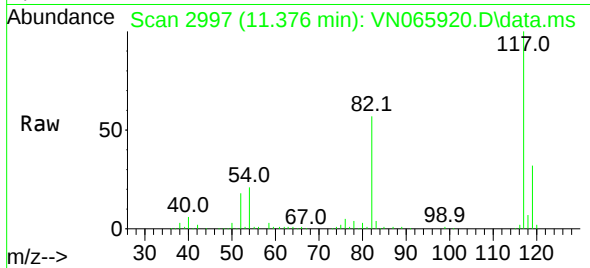




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065920.D
Acq: 18 Feb 2021 2:34

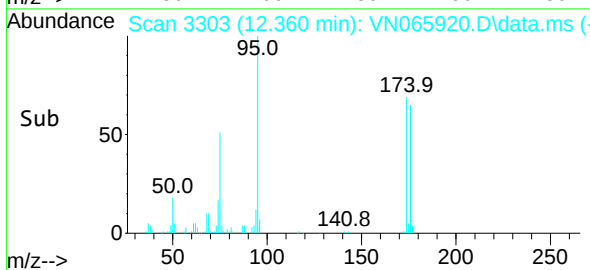
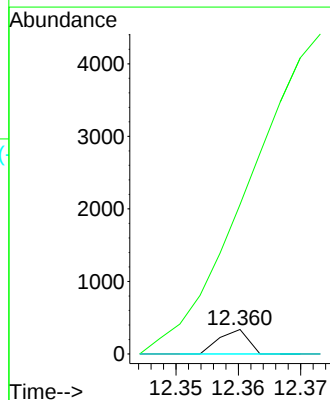
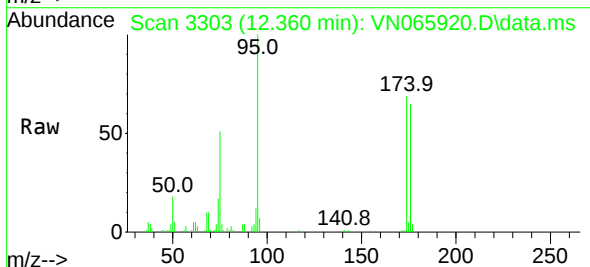
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-120-128-021521DL

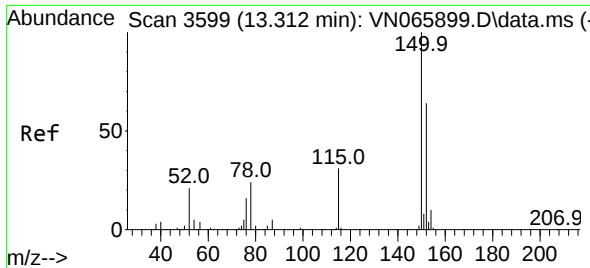
Tgt Ion:	117	Resp:	276116
Ion Ratio	Lower	Upper	
117	100		
82	56.8	43.7	65.5
119	31.7	26.1	39.1



#71
Bromoform
Concen: 2.57 ug/l
RT: 12.360 min Scan# 3303
Delta R.T. 0.263 min
Lab File: VN065920.D
Acq: 18 Feb 2021 2:34

Tgt Ion:	173	Resp:	109
Ion Ratio	Lower	Upper	
173	100		
175	5389.9	23.8	71.2#
254	0.0	0.0	0.0

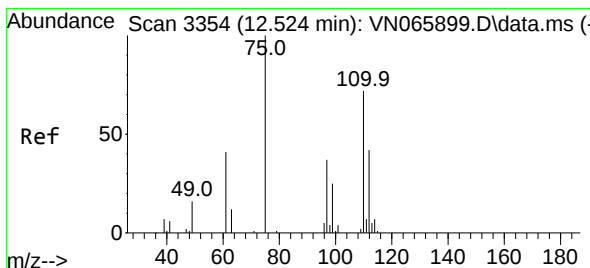
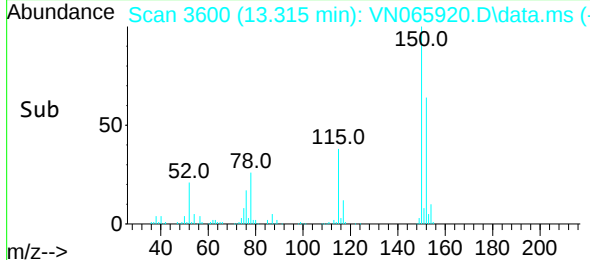
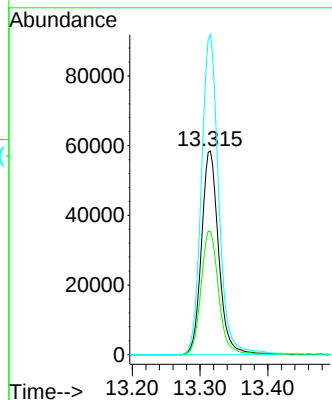
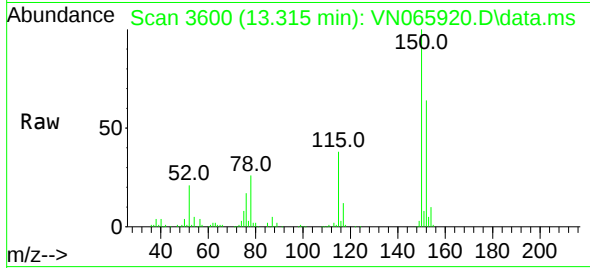




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN065920.D
 Acq: 18 Feb 2021 2:34

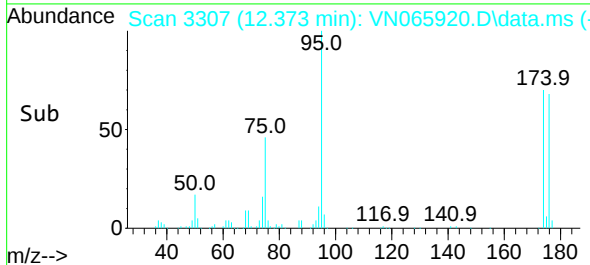
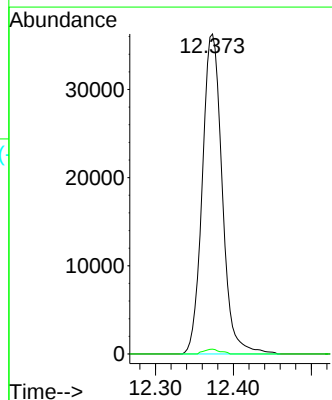
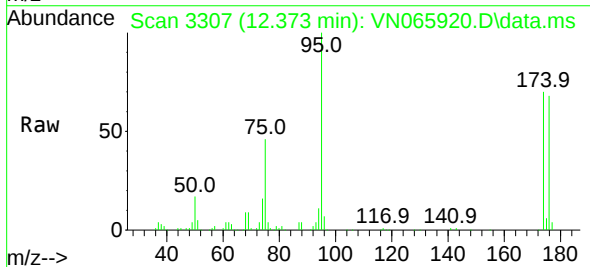
Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR2-120-128-021521DL

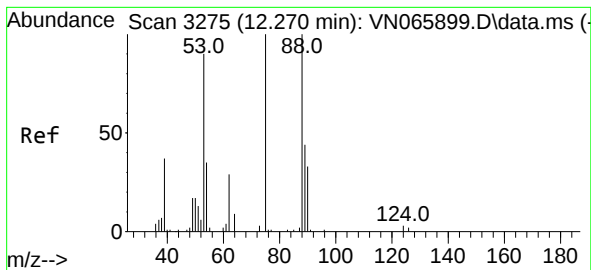
Tgt Ion:152 Resp: 103067
 Ion Ratio Lower Upper
 152 100
 115 61.8 28.5 85.6
 150 158.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 25.95 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.151 min
 Lab File: VN065920.D
 Acq: 18 Feb 2021 2:34

Tgt Ion: 75 Resp: 64261
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.71 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. 0.103 min
 Lab File: VN065920.D
 Acq: 18 Feb 2021 2:34

Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR2-120-128-021521DL

Tgt Ion: 75 Resp: 64261
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.0 35.8 53.8#

