

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021821\
 Data File : VN065936.D
 Acq On : 18 Feb 2021 13:21
 Operator : JC/MD
 Sample : M1448-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR3-115-138-021721

Quant Time: Feb 19 00:15:25 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)

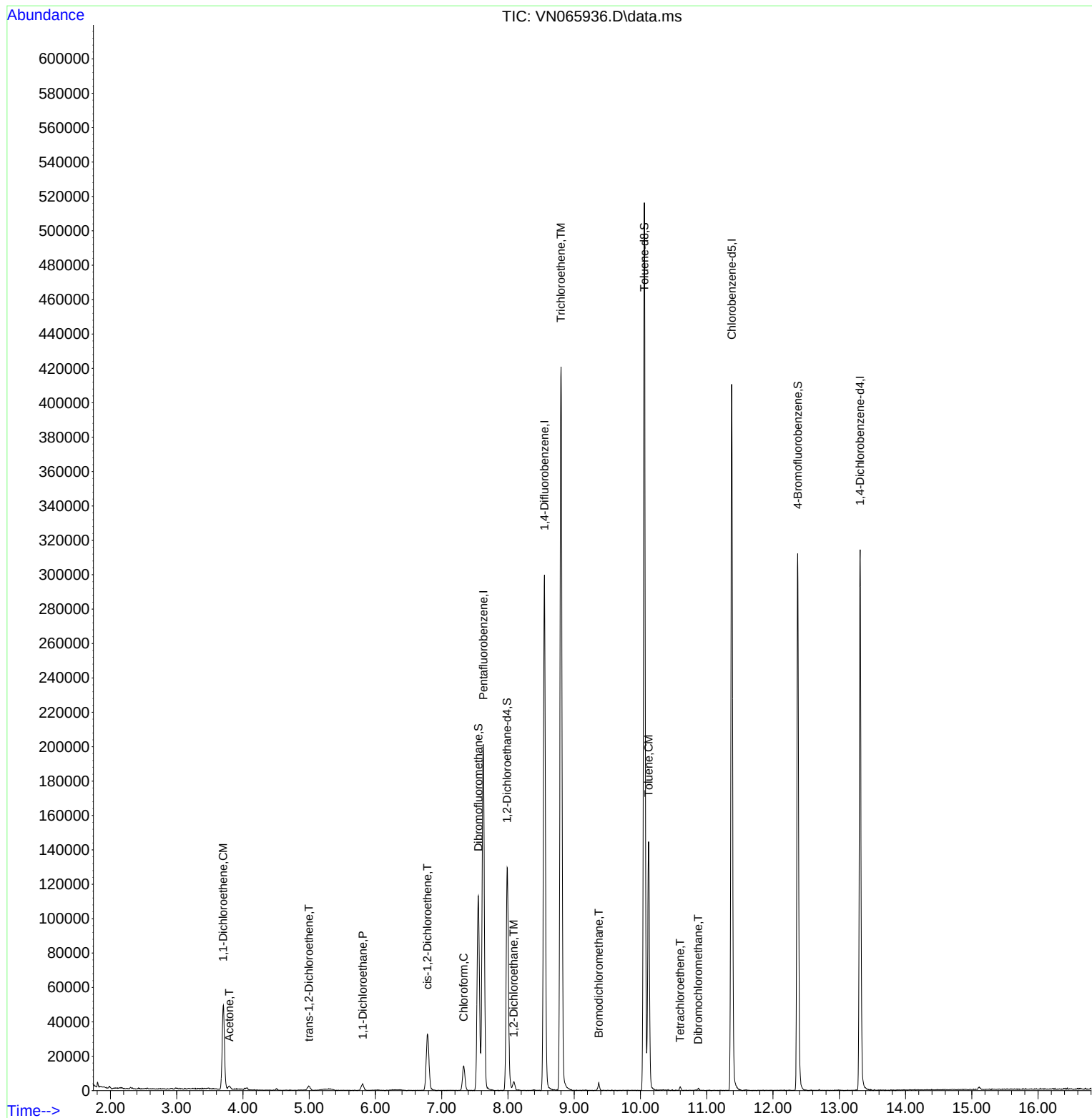
Internal Standards						
1) Pentafluorobenzene	7.627	168	164460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	276585	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	249809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	90928	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	117963	51.29	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 102.58%		
35) Dibromofluoromethane	7.553	113	90763	53.02	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 106.04%		
50) Toluene-d8	10.058	98	367276	52.27	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 104.54%		
62) 4-Bromofluorobenzene	12.373	95	125208	47.47	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 94.94%		
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	3.701	96	24959	13.51	ug/l	92
16) Acetone	3.795	43	3597	3.40	ug/l	94
21) trans-1,2-Dichloroethene	4.994	96	1791	0.92	ug/l #	94
24) 1,1-Dichloroethane	5.807	63	6837	1.88	ug/l #	94
27) cis-1,2-Dichloroethene	6.785	96	23560	10.65	ug/l	93
30) Chloroform	7.332	83	16840	4.68	ug/l	96
42) 1,2-Dichloroethane	8.087	62	4955	1.80	ug/l	88
44) Trichloroethene	8.801	130	163402	78.96	ug/l	99
47) Bromodichloromethane	9.370	83	3288	1.24	ug/l #	95
52) Toluene	10.122	92	64706	12.59	ug/l	98
60) Dibromochloromethane	10.868	129	946	0.48	ug/l	99
64) Tetrachloroethene	10.598	164	594	0.31	ug/l #	65

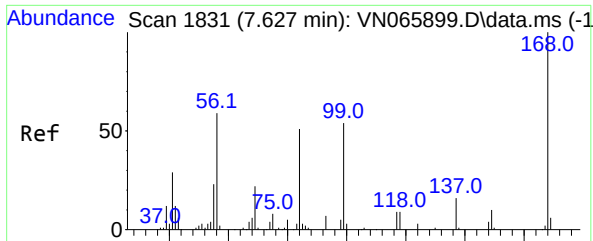
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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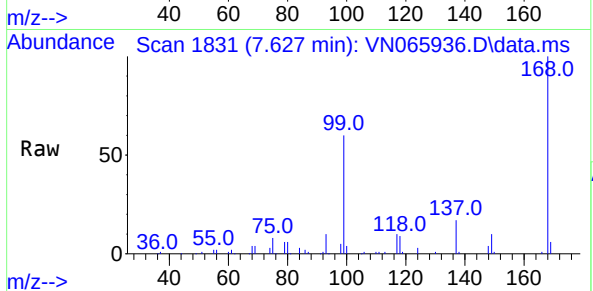
Quant Time: Feb 19 00:15:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 17 15:48:13 2021
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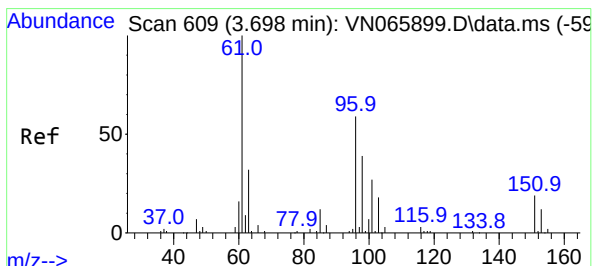
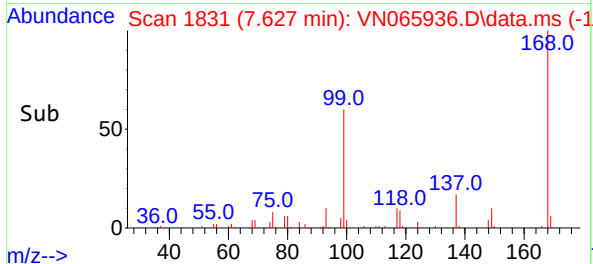
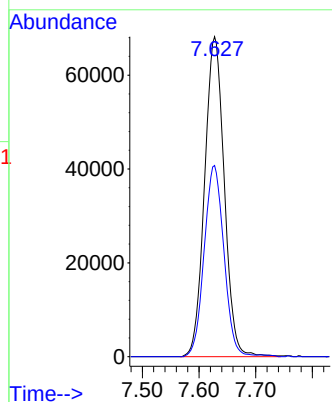


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065936.D
Acq: 18 Feb 2021 13:21

Instrument :
MSVOA_N
ClientSampleId :
GWBR3-115-138-021721

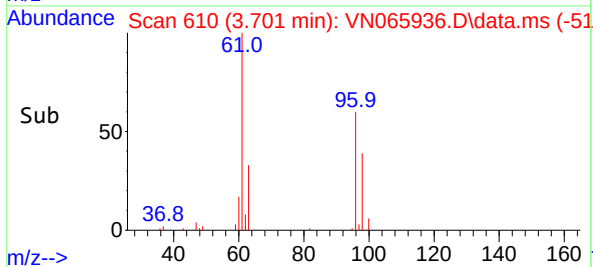
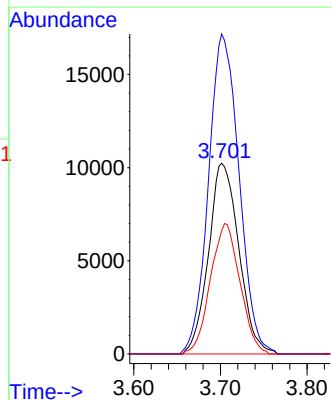
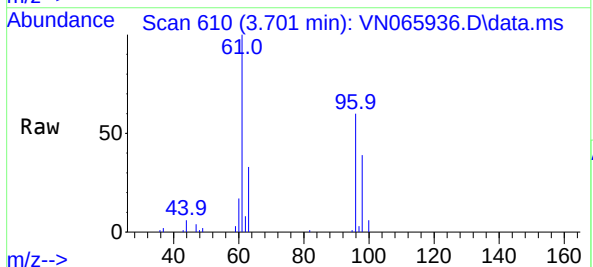


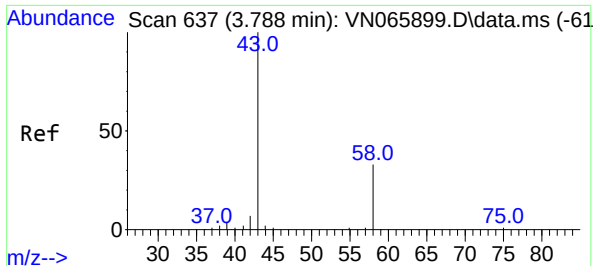
Tgt Ion:168 Resp: 164460
Ion Ratio Lower Upper
168 100
99 59.8 42.6 63.8



#12
1,1-Dichloroethene
Concen: 13.51 ug/l
RT: 3.701 min Scan# 610
Delta R.T. 0.003 min
Lab File: VN065936.D
Acq: 18 Feb 2021 13:21

Tgt Ion: 96 Resp: 24959
Ion Ratio Lower Upper
96 100
61 167.8 122.5 183.7
98 64.6 50.8 76.2

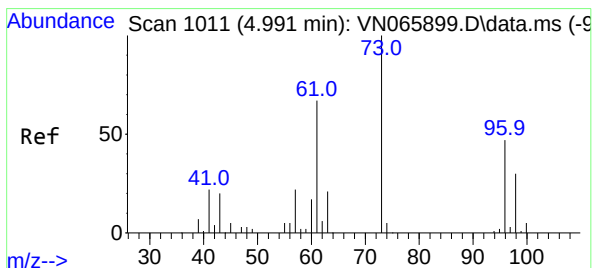
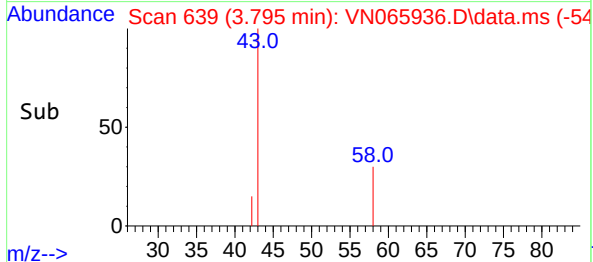
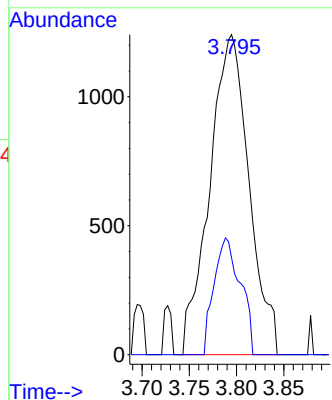
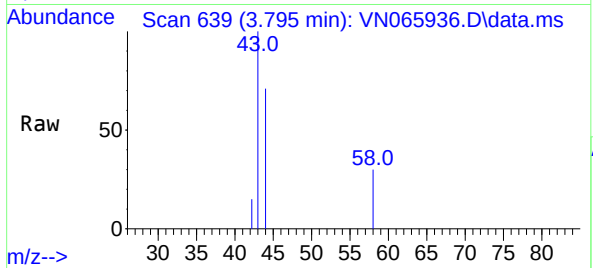




#16
Acetone
Concen: 3.40 ug/l
RT: 3.795 min Scan# 639
Delta R.T. 0.007 min
Lab File: VN065936.D
Acq: 18 Feb 2021 13:21

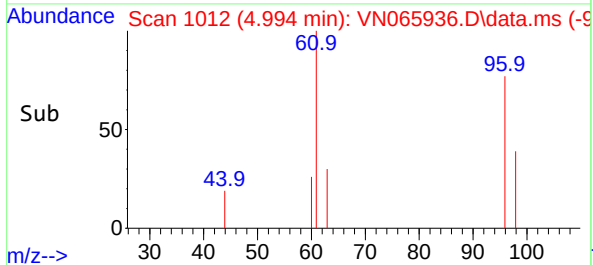
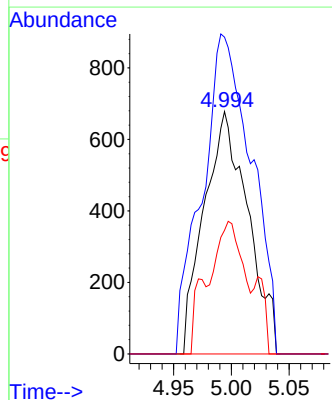
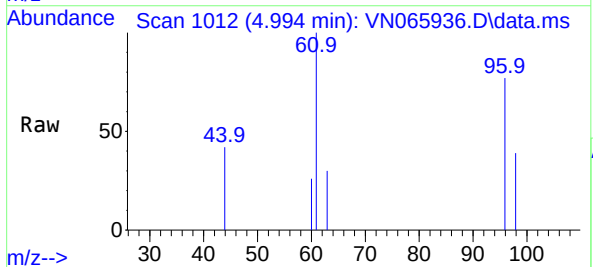
Instrument :
MSVOA_N
ClientSampleId :
GWBR3-115-138-021721

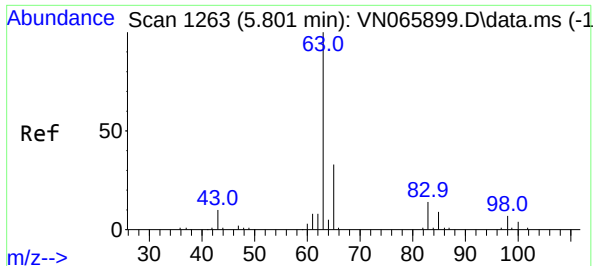
Tgt Ion: 43 Resp: 3597
Ion Ratio Lower Upper
43 100
58 30.3 27.0 40.6



#21
trans-1,2-Dichloroethene
Concen: 0.92 ug/l
RT: 4.994 min Scan# 1012
Delta R.T. 0.003 min
Lab File: VN065936.D
Acq: 18 Feb 2021 13:21

Tgt Ion: 96 Resp: 1791
Ion Ratio Lower Upper
96 100
61 130.7 104.9 157.3
98 51.0 51.8 77.8#



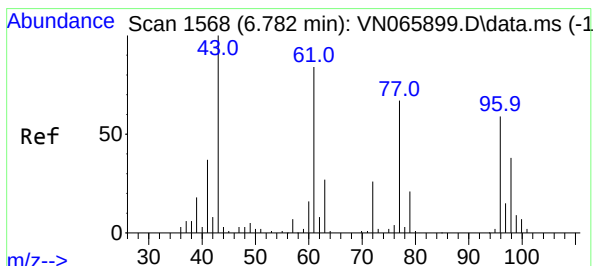
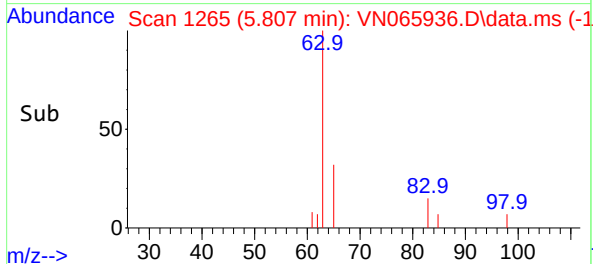
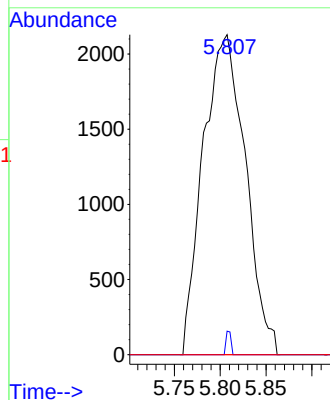
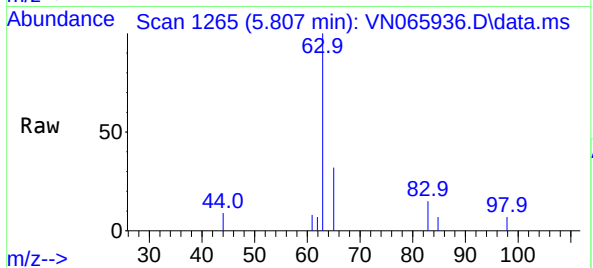


#24

1,1-Dichloroethane
Concen: 1.88 ug/l
RT: 5.807 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VN065936.D
Acq: 18 Feb 2021 13:21

Instrument :
MSVOA_N
ClientSampleId :
GWBR3-115-138-021721

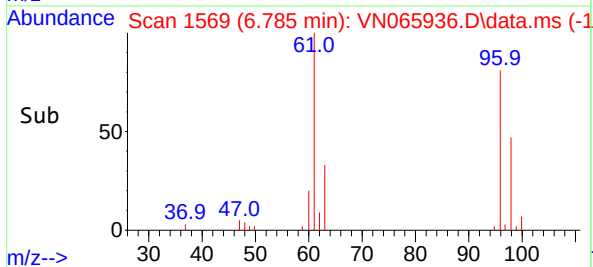
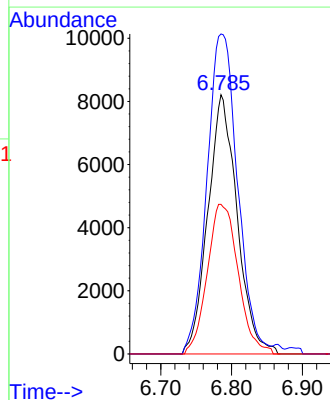
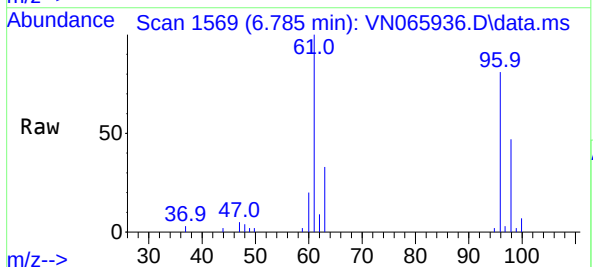
Tgt Ion: 63 Resp: 6837
Ion Ratio Lower Upper
63 100
98 7.3 3.5 10.4
100 0.0 2.3 6.9#

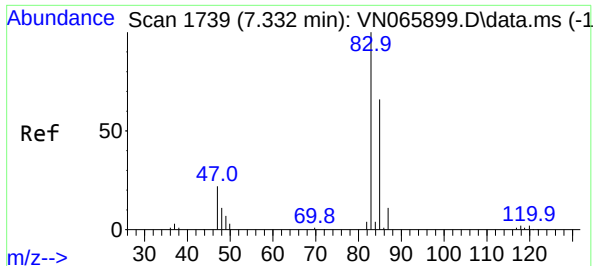


#27

cis-1,2-Dichloroethene
Concen: 10.65 ug/l
RT: 6.785 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VN065936.D
Acq: 18 Feb 2021 13:21

Tgt Ion: 96 Resp: 23560
Ion Ratio Lower Upper
96 100
61 129.5 0.0 276.8
98 61.0 0.0 129.4

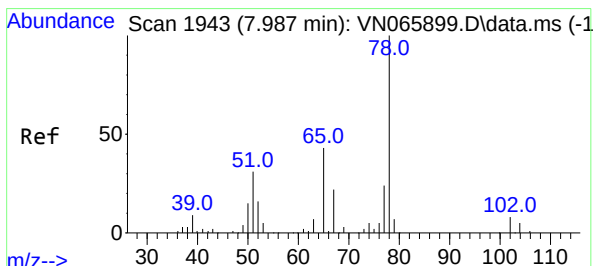
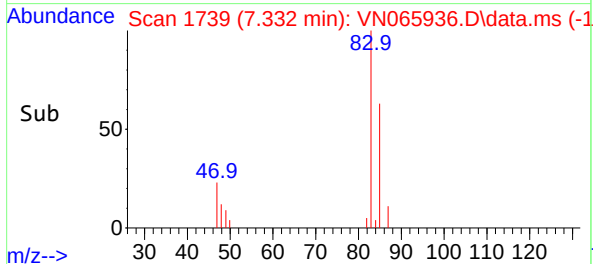
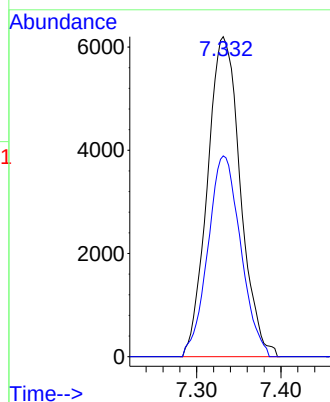
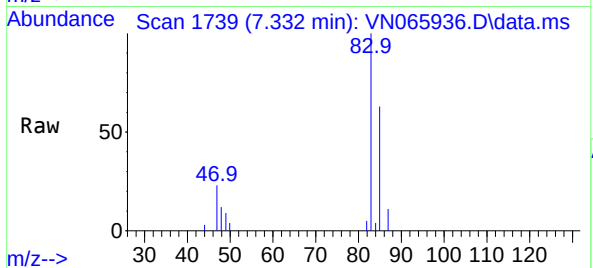




#30
Chloroform
Concen: 4.68 ug/l
RT: 7.332 min Scan# 1739
Delta R.T. -0.000 min
Lab File: VN065936.D
Acq: 18 Feb 2021 13:21

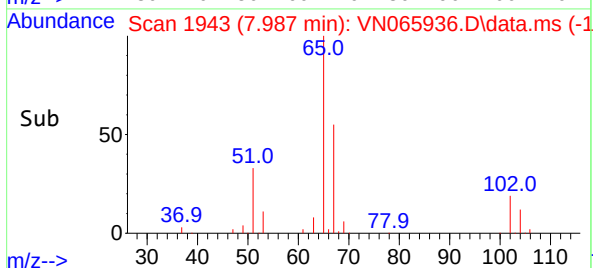
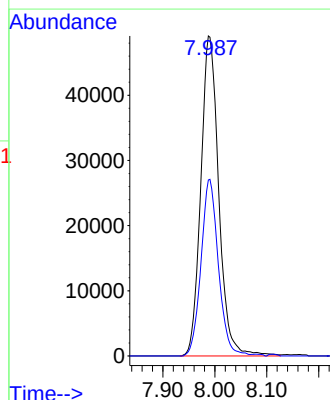
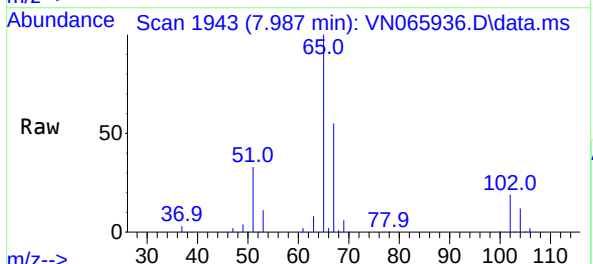
Instrument :
MSVOA_N
ClientSampleId :
GWBR3-115-138-021721

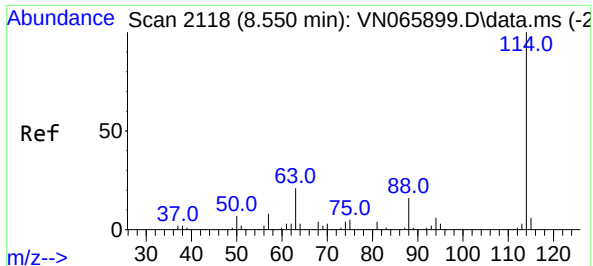
Tgt Ion: 83 Resp: 16840
Ion Ratio Lower Upper
83 100
85 62.8 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 51.29 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065936.D
Acq: 18 Feb 2021 13:21

Tgt Ion: 65 Resp: 117963
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.2



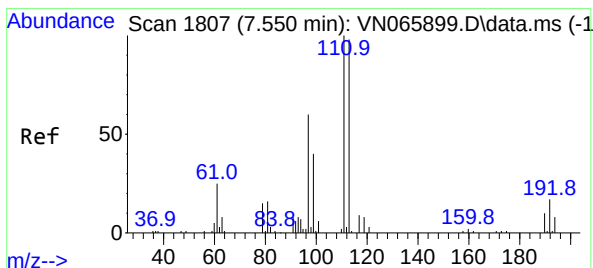
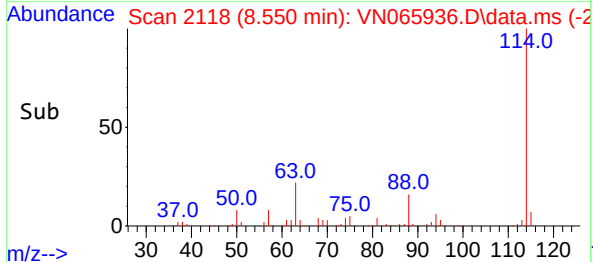
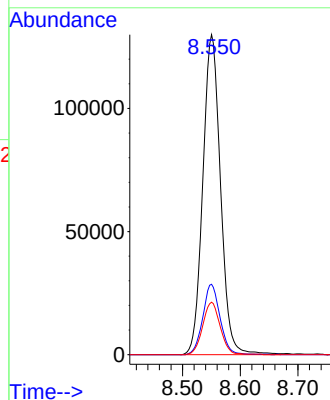
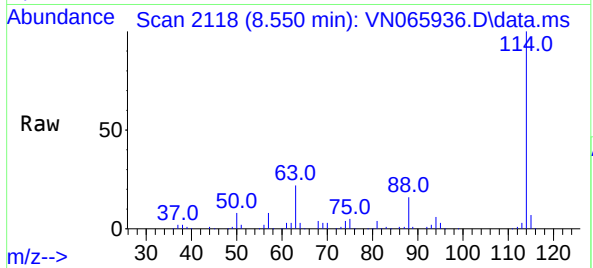


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065936.D
Acq: 18 Feb 2021 13:21

Instrument :
MSVOA_N
ClientSampleId :
GWBR3-115-138-021721

Tgt Ion:114 Resp: 276585

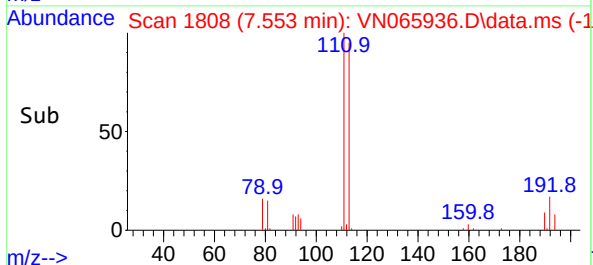
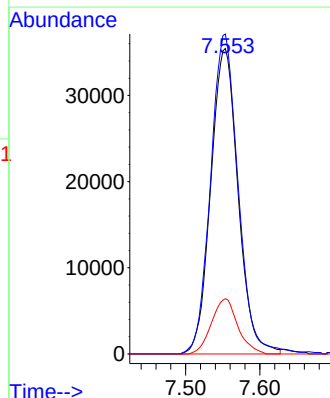
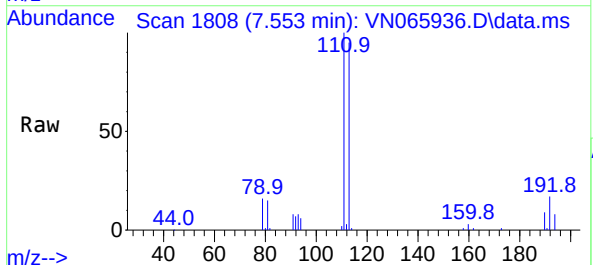
Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	38.6
88	16.4	0.0	30.6

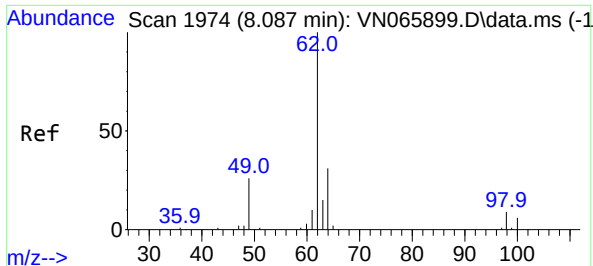


#35
Dibromofluoromethane
Concen: 53.02 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065936.D
Acq: 18 Feb 2021 13:21

Tgt Ion:113 Resp: 90763

Ion	Ratio	Lower	Upper
113	100		
111	105.4	82.2	123.2
192	17.4	15.4	23.0





#42

1,2-Dichloroethane

Concen: 1.80 ug/l

RT: 8.087 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VN065936.D

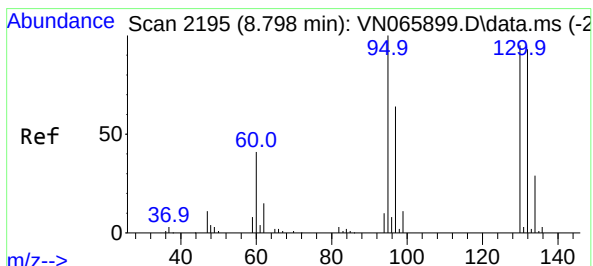
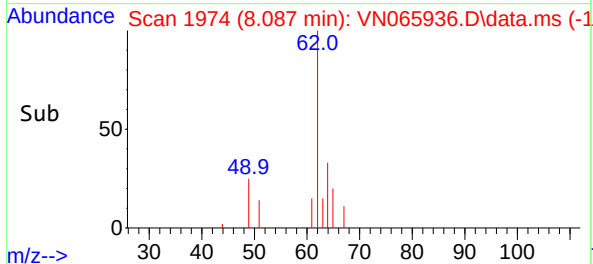
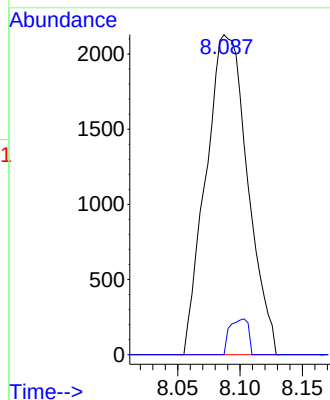
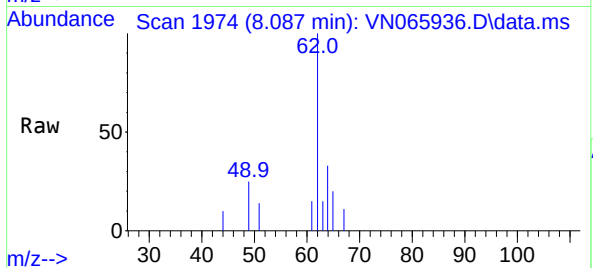
Acq: 18 Feb 2021 13:21

Tgt Ion: 62 Resp: 4955

Ion Ratio Lower Upper

62 100

98 5.0 0.0 18.6



#44

Trichloroethene

Concen: 78.96 ug/l

RT: 8.801 min Scan# 2196

Delta R.T. 0.003 min

Lab File: VN065936.D

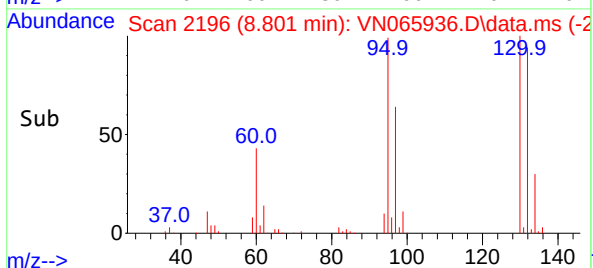
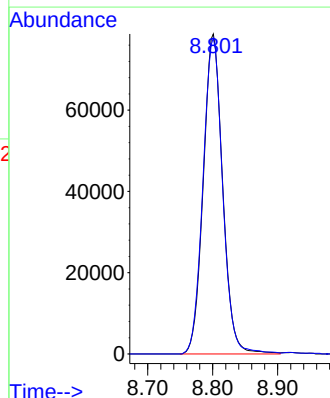
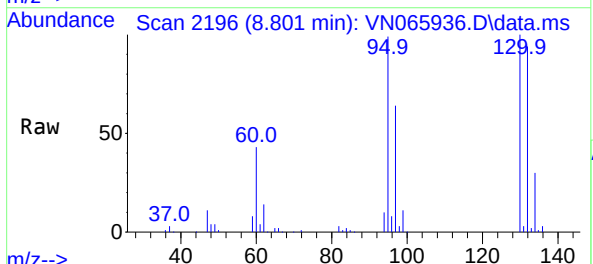
Acq: 18 Feb 2021 13:21

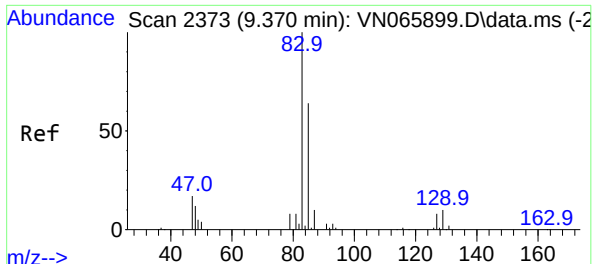
Tgt Ion:130 Resp: 163402

Ion Ratio Lower Upper

130 100

95 98.7 0.0 199.6



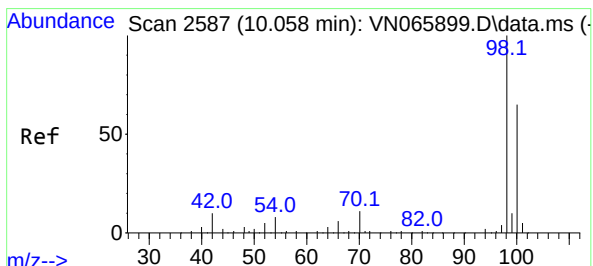
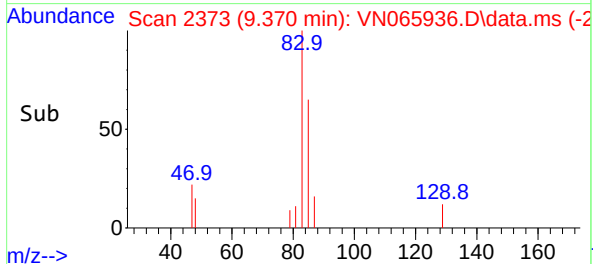
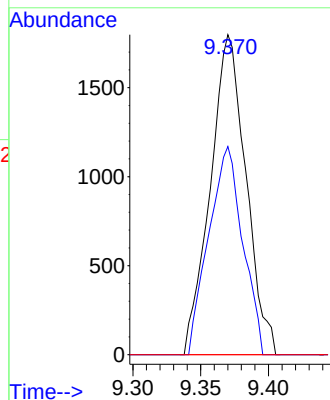
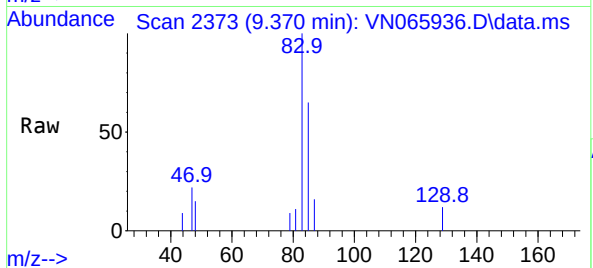


#47
Bromodichloromethane
Concen: 1.24 ug/l
RT: 9.370 min Scan# 2373
Delta R.T. 0.000 min
Lab File: VN065936.D
Acq: 18 Feb 2021 13:21

Instrument :
MSVOA_N
ClientSampleId :
GWBR3-115-138-021721

Tgt Ion: 83 Resp: 3288

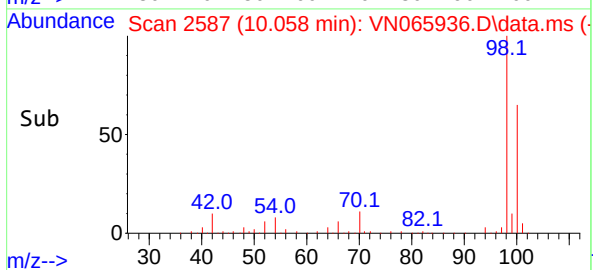
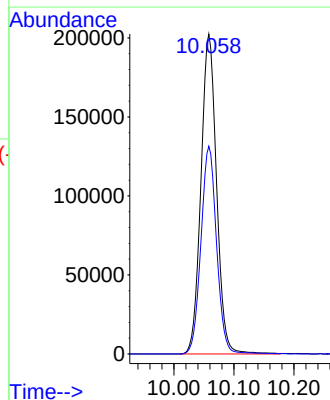
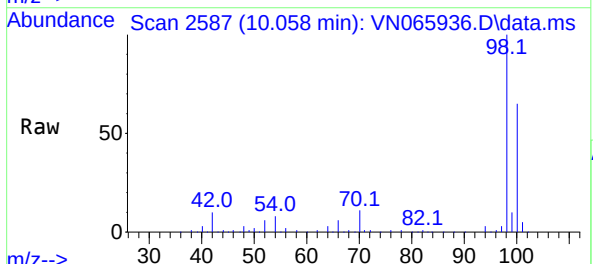
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.0	76.4
127	0.0	7.0	10.6#

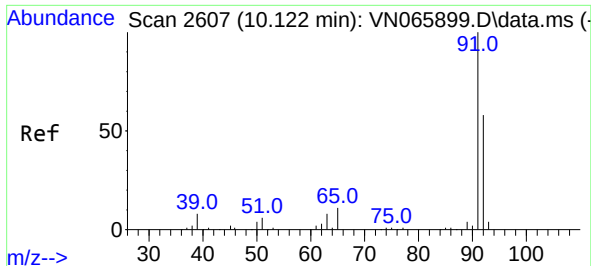


#50
Toluene-d8
Concen: 52.27 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065936.D
Acq: 18 Feb 2021 13:21

Tgt Ion: 98 Resp: 367276

Ion	Ratio	Lower	Upper
98	100		
100	65.1	50.5	75.7

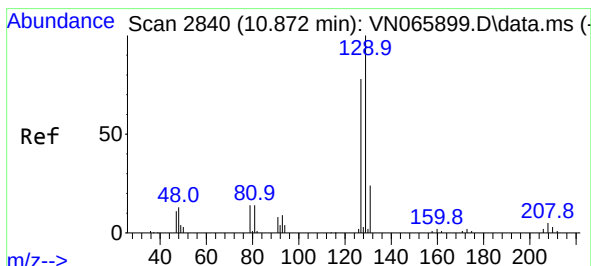
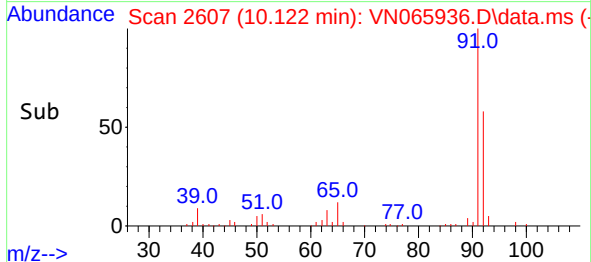
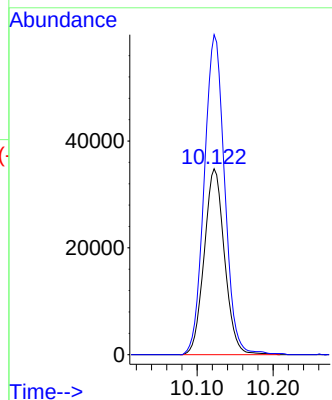
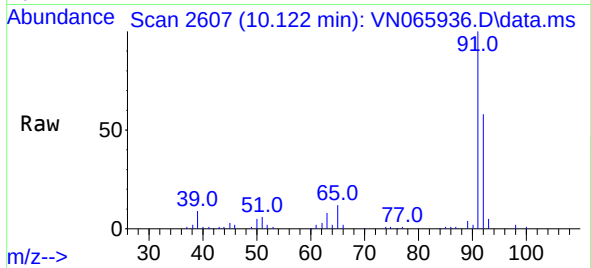




#52
Toluene
Concen: 12.59 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065936.D
Acq: 18 Feb 2021 13:21

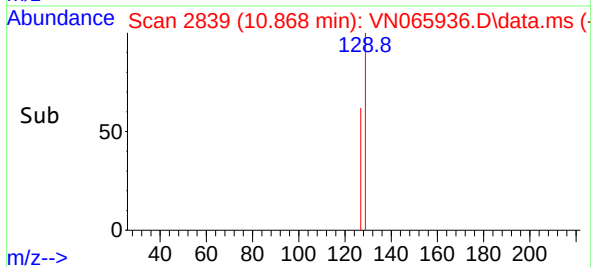
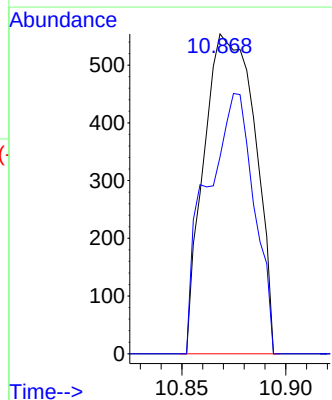
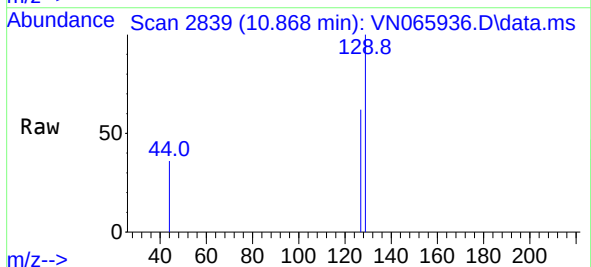
Instrument :
MSVOA_N
ClientSampleId :
GWBR3-115-138-021721

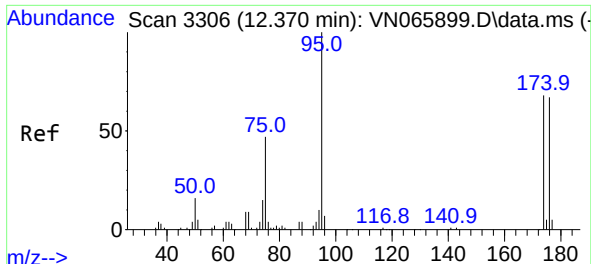
Tgt Ion: 92 Resp: 64706
Ion Ratio Lower Upper
92 100
91 172.8 140.7 211.1



#60
Dibromochloromethane
Concen: 0.48 ug/l
RT: 10.868 min Scan# 2839
Delta R.T. -0.004 min
Lab File: VN065936.D
Acq: 18 Feb 2021 13:21

Tgt Ion: 129 Resp: 946
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.5

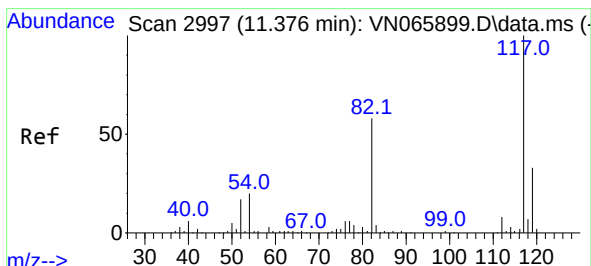
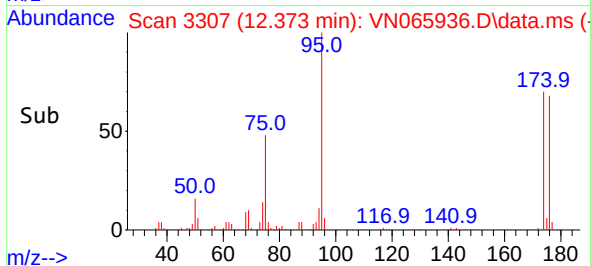
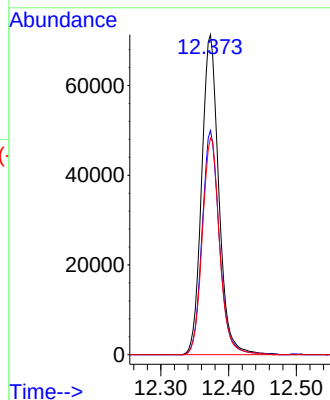
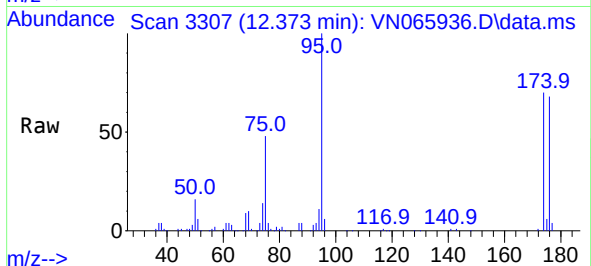




#62
4-Bromofluorobenzene
Concen: 47.47 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065936.D
Acq: 18 Feb 2021 13:21

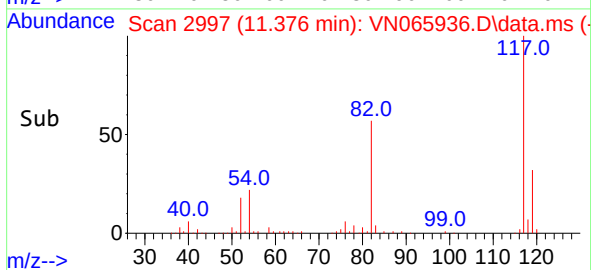
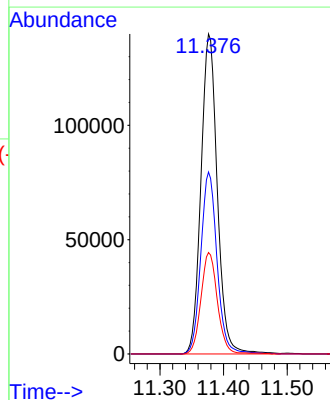
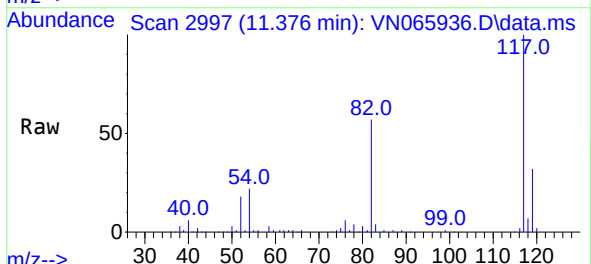
Instrument :
MSVOA_N
ClientSampleId :
GWBR3-115-138-021721

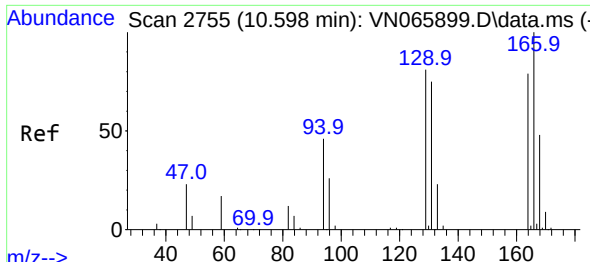
Tgt Ion: 95 Resp: 125208
Ion Ratio Lower Upper
95 100
174 70.5 0.0 169.0
176 68.4 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065936.D
Acq: 18 Feb 2021 13:21

Tgt Ion: 117 Resp: 249809
Ion Ratio Lower Upper
117 100
82 56.9 43.7 65.5
119 31.7 26.1 39.1



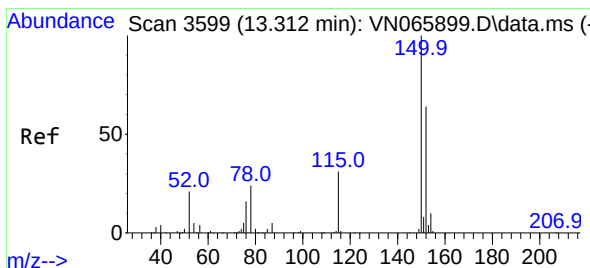
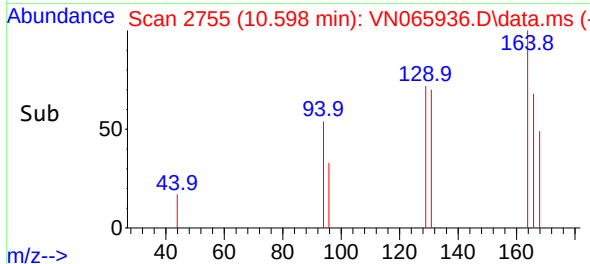
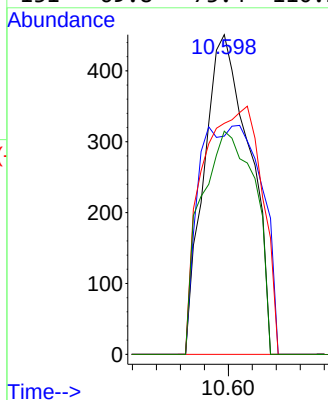
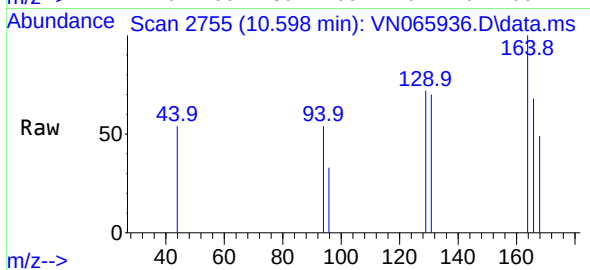


#64
Tetrachloroethene
Concen: 0.31 ug/l
RT: 10.598 min Scan# 2755
Delta R.T. 0.000 min
Lab File: VN065936.D
Acq: 18 Feb 2021 13:21

Instrument :
MSVOA_N
ClientSampleId :
GWBR3-115-138-021721

Tgt Ion:164 Resp: 594

Ion	Ratio	Lower	Upper
164	100		
166	68.3	102.6	154.0#
129	72.3	76.2	114.4#
131	69.8	73.4	110.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065936.D
Acq: 18 Feb 2021 13:21

Tgt Ion:152 Resp: 90928

Ion	Ratio	Lower	Upper
152	100		
115	61.4	28.5	85.6
150	157.3	0.0	347.6

