

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021621\
 Data File : VN065882.D
 Acq On : 16 Feb 2021 18:56
 Operator : JC/MD
 Sample : M1413-02DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR2-SC-93-021121-FDDL

Quant Time: Feb 16 19:15:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 15 10:57:01 2021
 Response via : Initial Calibration

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

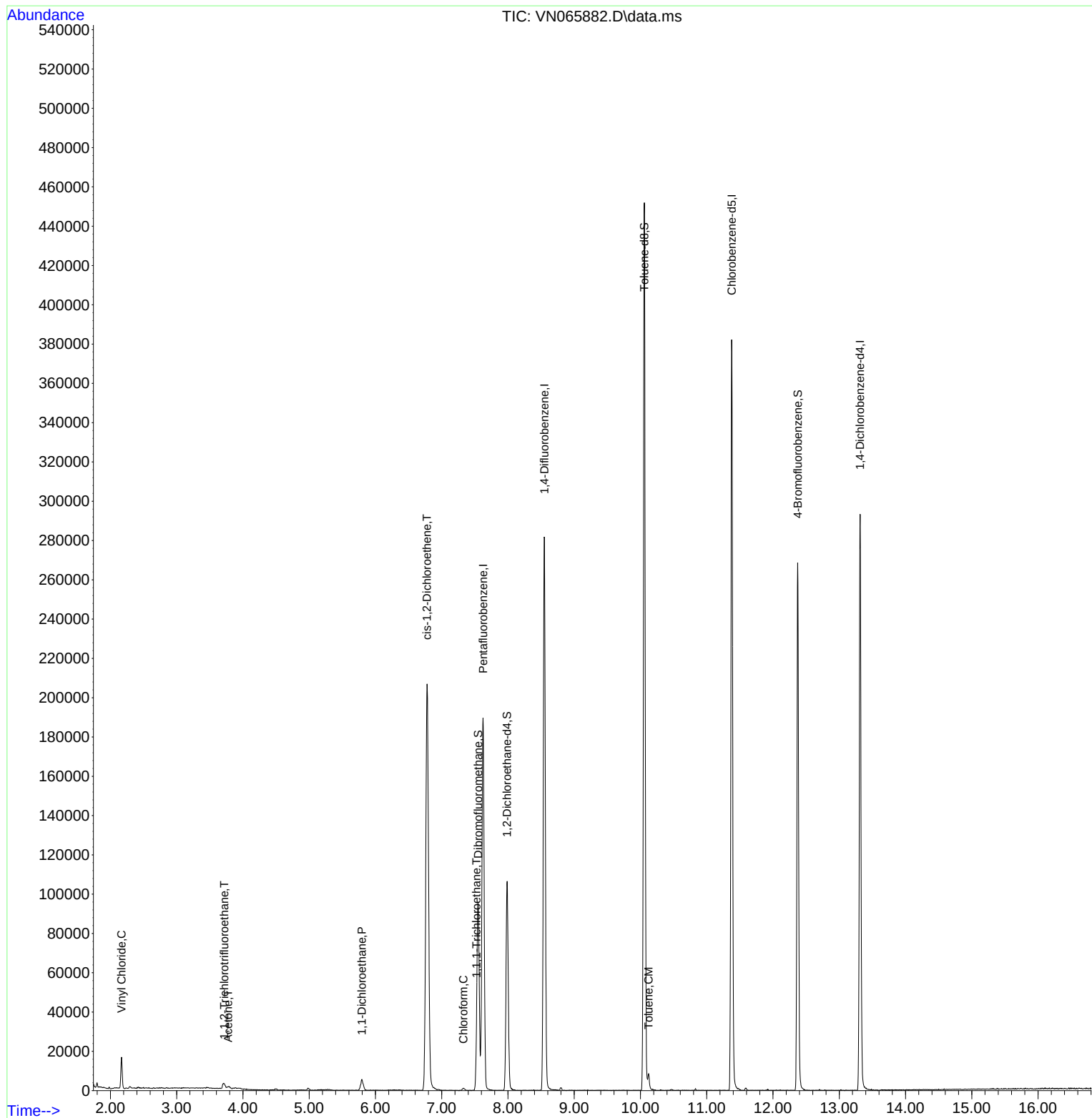
Internal Standards						
1) Pentafluorobenzene	7.624	168	164471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	274849	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	243588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	89654	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	88418	40.86	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	81.72%
35) Dibromofluoromethane	7.550	113	79934	49.08	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.16%
50) Toluene-d8	10.058	98	338059	52.80	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.60%
62) 4-Bromofluorobenzene	12.373	95	110214	47.81	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.62%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.168	62	14715	5.37	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.717	101	2192	1.26	ug/l #	83
16) Acetone	3.775	43	1929	2.29	ug/l	89
24) 1,1-Dichloroethane	5.794	63	9362	2.31	ug/l #	92
27) cis-1,2-Dichloroethene	6.778	96	149298	61.23	ug/l	91
30) Chloroform	7.328	83	1461	0.39	ug/l #	71
32) 1,1,1-Trichloroethane	7.524	97	3037	1.00	ug/l #	50
52) Toluene	10.122	92	3528	0.71	ug/l	100

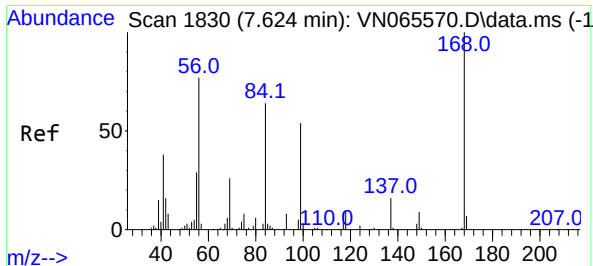
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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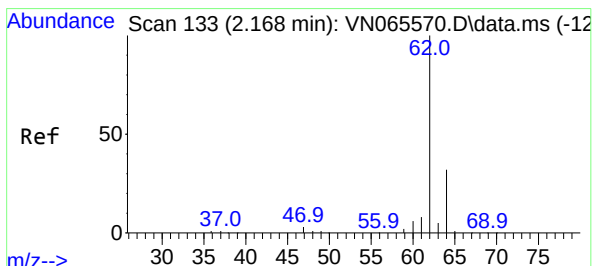
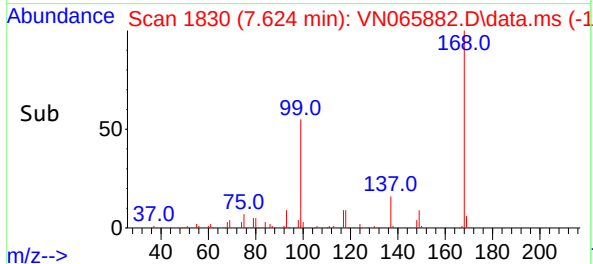
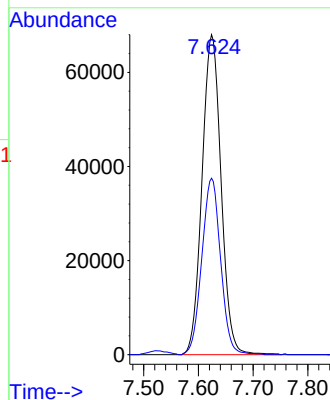
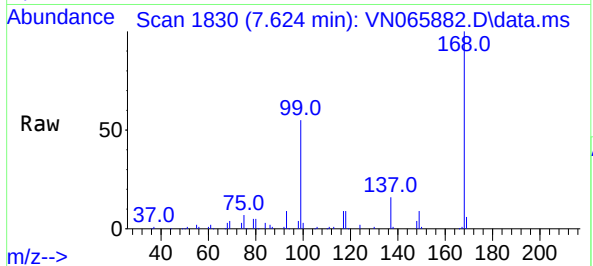




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN065882.D
Acq: 16 Feb 2021 18:56

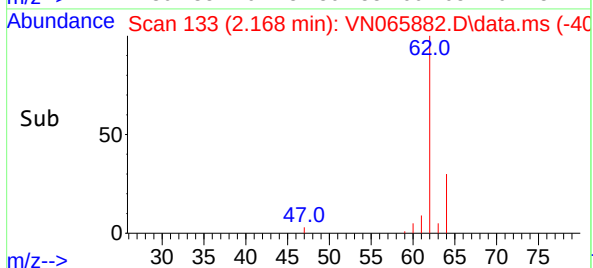
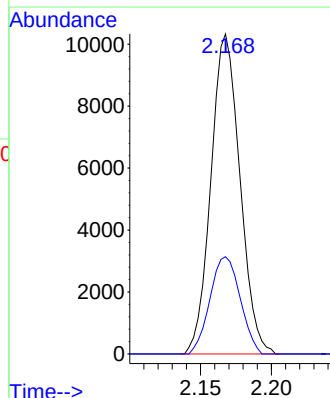
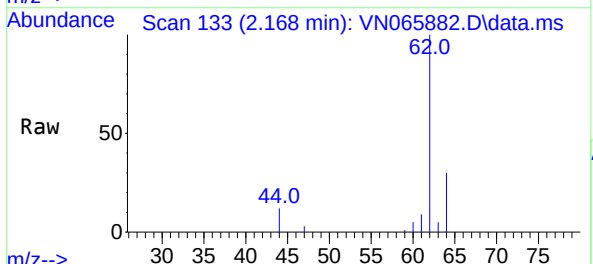
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-SC-93-021121-FDDL

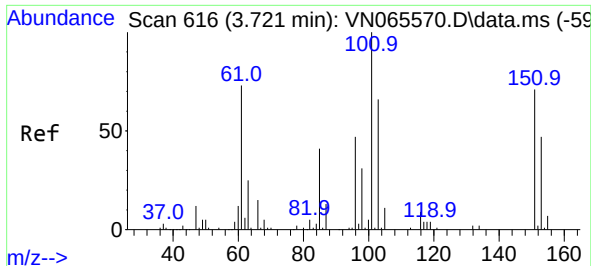
Tgt Ion:168 Resp: 164471
Ion Ratio Lower Upper
168 100
99 55.2 42.6 63.8



#4
Vinyl Chloride
Concen: 5.37 ug/l
RT: 2.168 min Scan# 133
Delta R.T. -0.000 min
Lab File: VN065882.D
Acq: 16 Feb 2021 18:56

Tgt Ion: 62 Resp: 14715
Ion Ratio Lower Upper
62 100
64 30.4 25.1 37.7



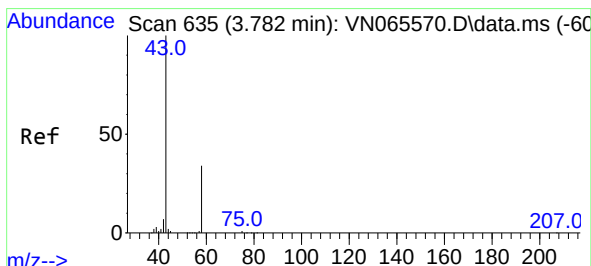
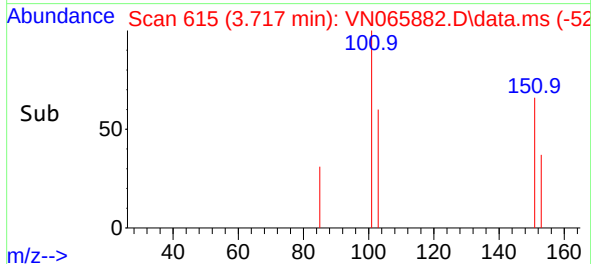
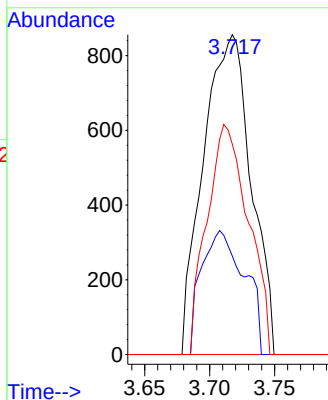
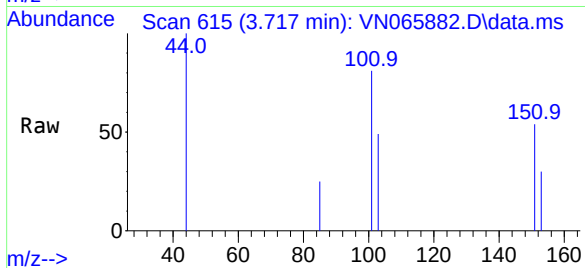


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.26 ug/l
RT: 3.717 min Scan# 615
Delta R.T. -0.004 min
Lab File: VN065882.D
Acq: 16 Feb 2021 18:56

Instrument :
MSVOA_N
ClientSampleId :
GWBR2-SC-93-021121-FDDL

Tgt Ion:101 Resp: 2192

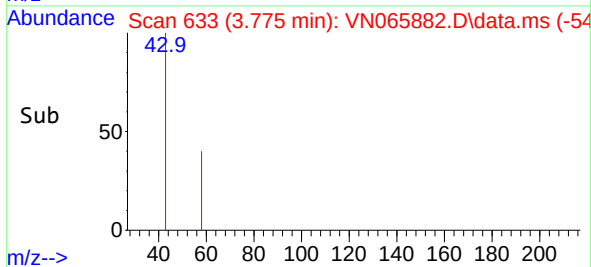
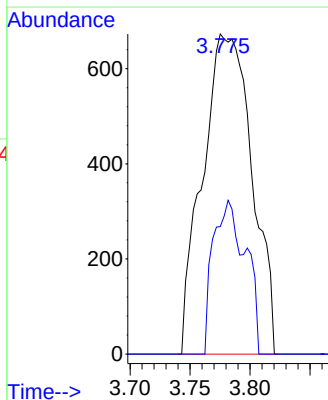
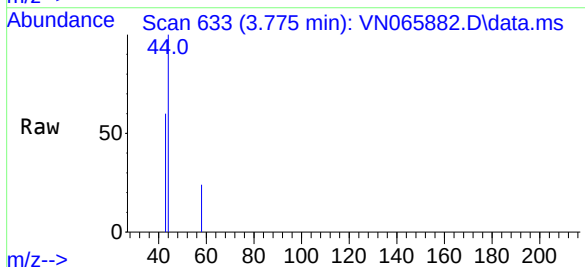
Ion	Ratio	Lower	Upper
101	100		
85	34.9	34.6	51.8
151	62.5	63.5	95.3#

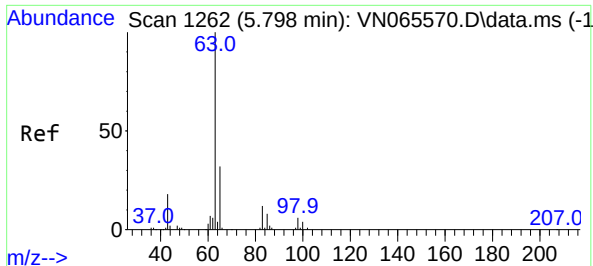


#16
Acetone
Concen: 2.29 ug/l
RT: 3.775 min Scan# 633
Delta R.T. -0.007 min
Lab File: VN065882.D
Acq: 16 Feb 2021 18:56

Tgt Ion: 43 Resp: 1929

Ion	Ratio	Lower	Upper
43	100		
58	39.8	27.0	40.6

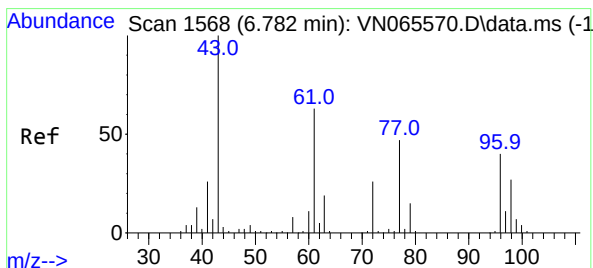
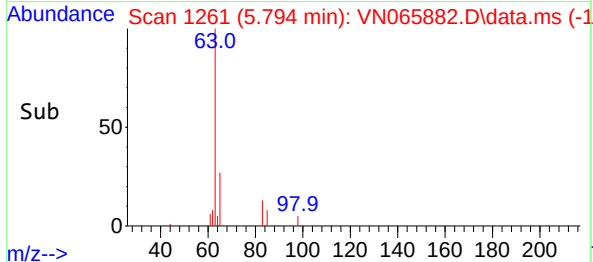
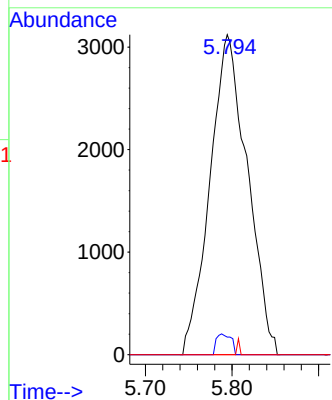
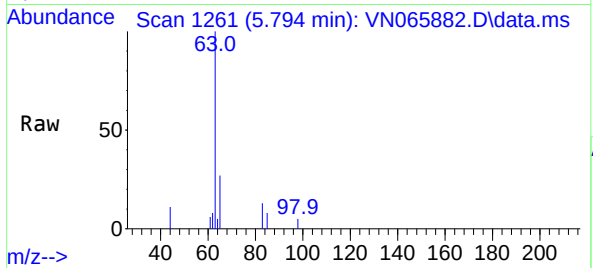




#24
1,1-Dichloroethane
Concen: 2.31 ug/l
RT: 5.794 min Scan# 1261
Delta R.T. -0.004 min
Lab File: VN065882.D
Acq: 16 Feb 2021 18:56

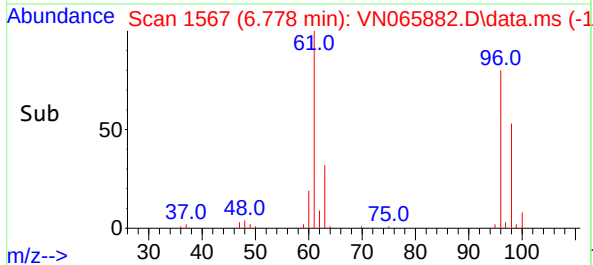
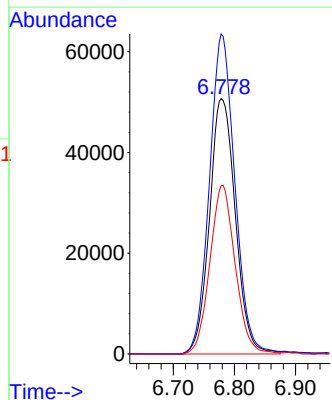
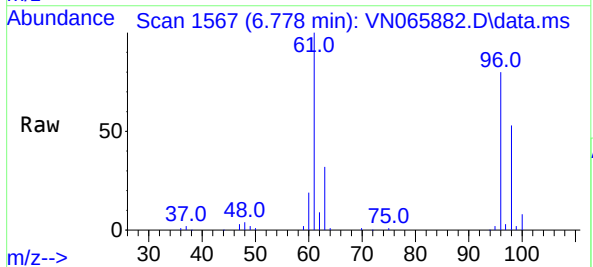
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-SC-93-021121-FDDL

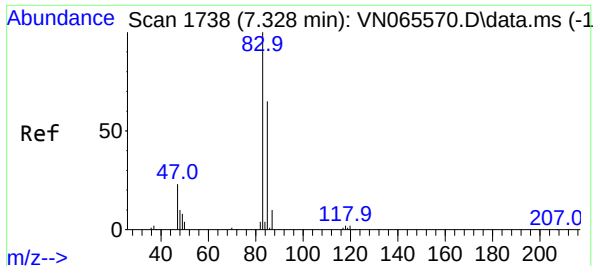
Tgt Ion:	63	Resp:	9362
Ion Ratio	Lower	Upper	
63	100		
98	5.5	3.5	10.4
100	0.0	2.3	6.9#



#27
cis-1,2-Dichloroethene
Concen: 61.23 ug/l
RT: 6.778 min Scan# 1567
Delta R.T. -0.004 min
Lab File: VN065882.D
Acq: 16 Feb 2021 18:56

Tgt Ion:	96	Resp:	149298
Ion Ratio	Lower	Upper	
96	100		
61	122.6	0.0	276.8
98	64.6	0.0	129.4



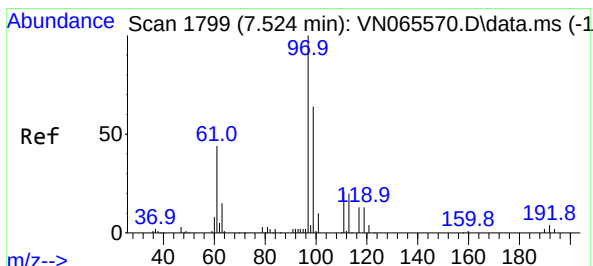
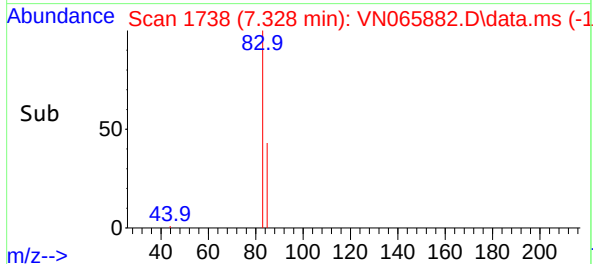
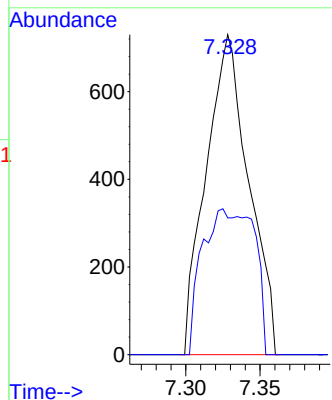
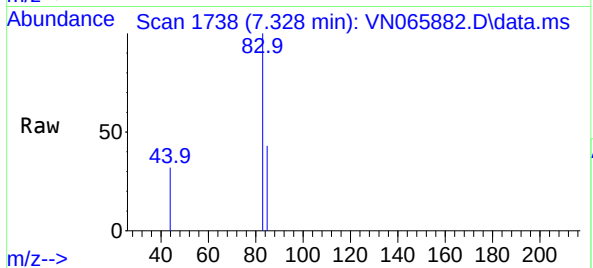


#30

Chloroform
Concen: 0.39 ug/l
RT: 7.328 min Scan# 1738
Delta R.T. 0.000 min
Lab File: VN065882.D
Acq: 16 Feb 2021 18:56

Instrument :
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ClientSampleId :
GWBR2-SC-93-021121-FDDL

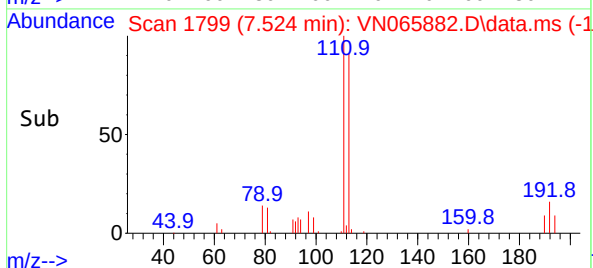
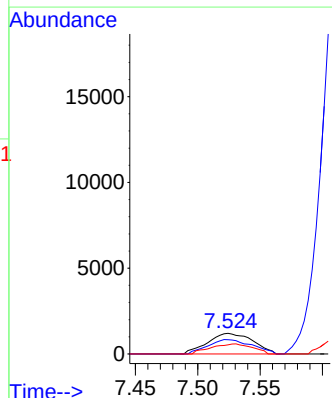
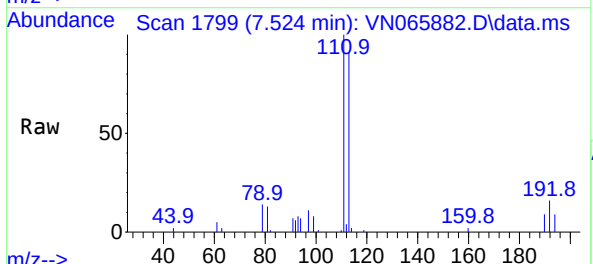
Tgt Ion: 83 Resp: 1461
Ion Ratio Lower Upper
83 100
85 42.7 52.6 78.8#

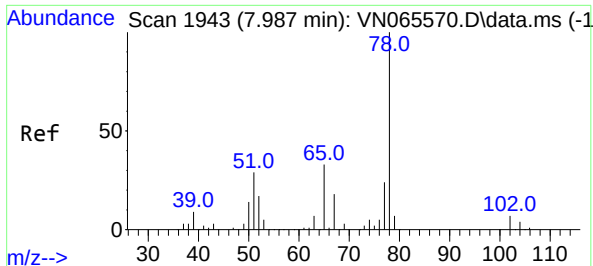


#32

1,1,1-Trichloroethane
Concen: 1.00 ug/l
RT: 7.524 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VN065882.D
Acq: 16 Feb 2021 18:56

Tgt Ion: 97 Resp: 3037
Ion Ratio Lower Upper
97 100
99 0.0 50.8 76.2#
61 44.9 34.3 51.5

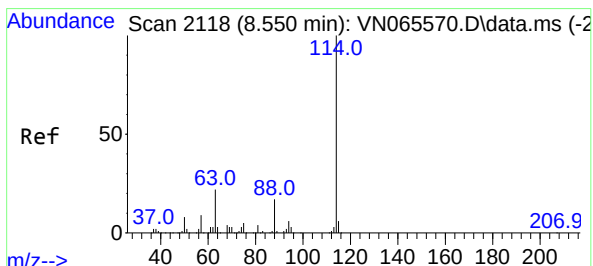
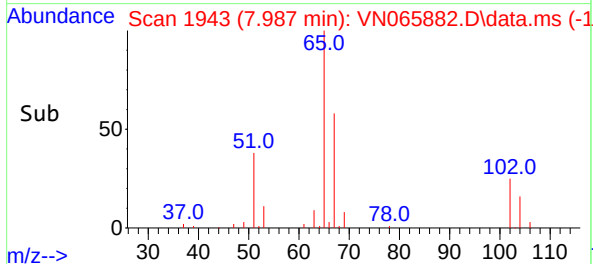
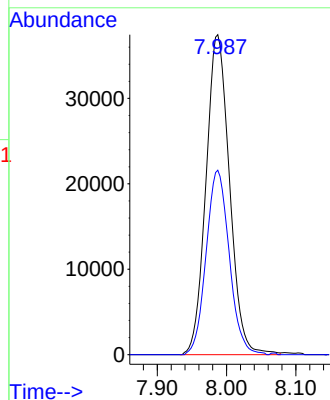
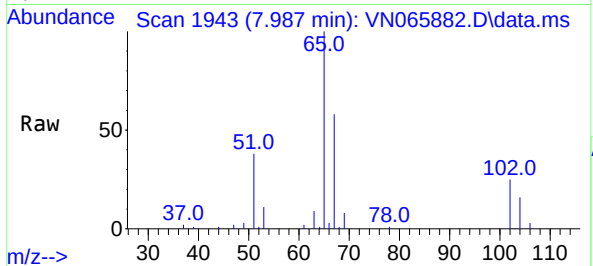




#33
1,2-Dichloroethane-d4
Concen: 40.86 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065882.D
Acq: 16 Feb 2021 18:56

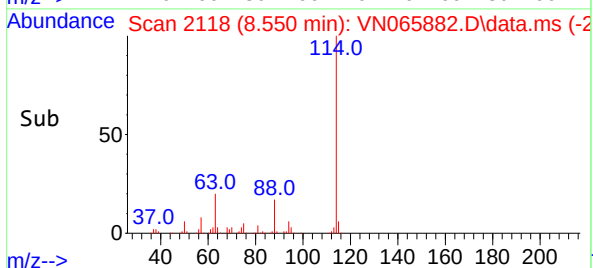
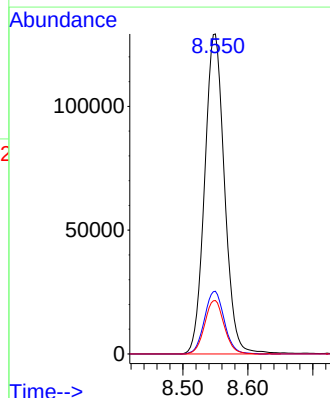
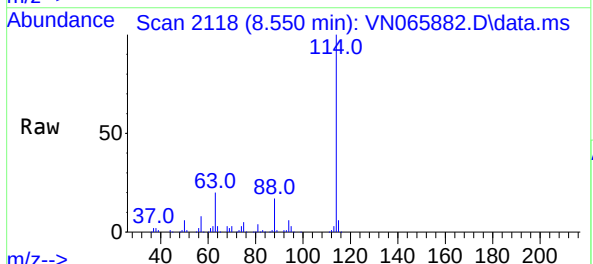
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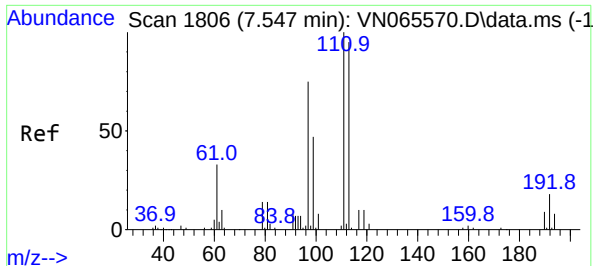
Tgt Ion: 65 Resp: 88418
Ion Ratio Lower Upper
65 100
67 56.6 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065882.D
Acq: 16 Feb 2021 18:56

Tgt Ion: 114 Resp: 274849
Ion Ratio Lower Upper
114 100
63 19.6 0.0 38.6
88 16.7 0.0 30.6

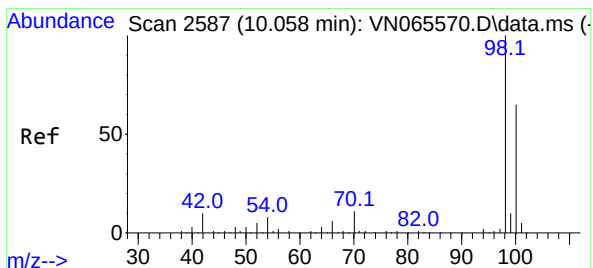
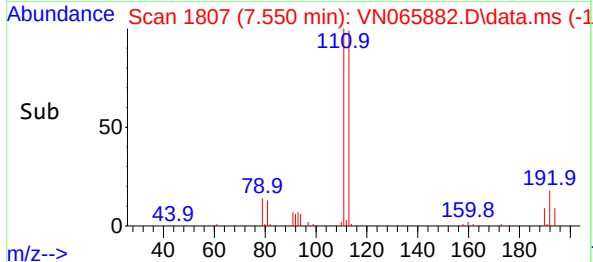
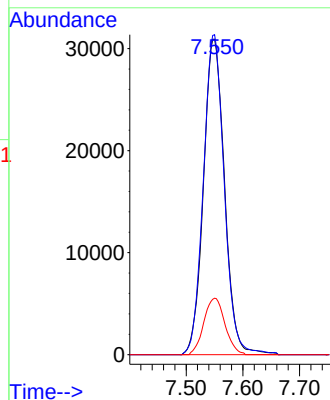
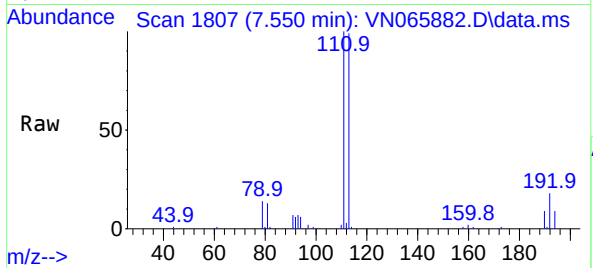




#35
Dibromofluoromethane
Concen: 49.08 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065882.D
Acq: 16 Feb 2021 18:56

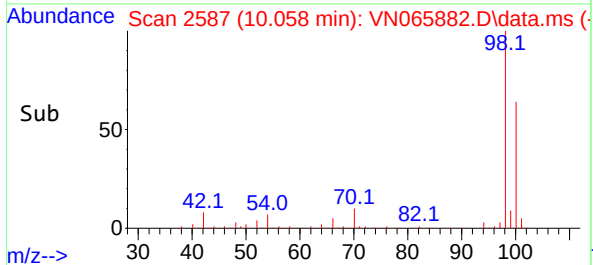
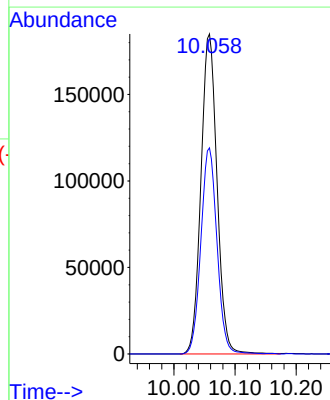
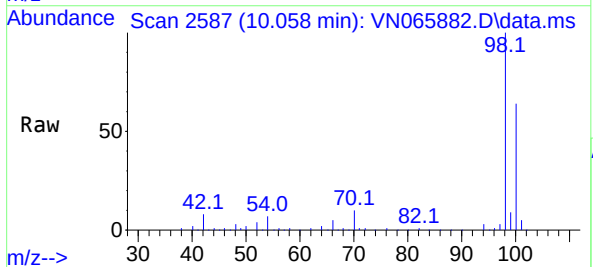
Instrument :
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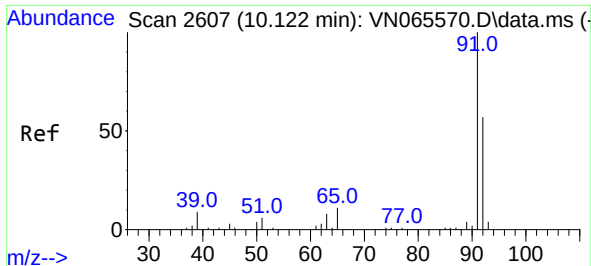
Tgt Ion:113 Resp: 79934
Ion Ratio Lower Upper
113 100
111 100.4 82.2 123.2
192 18.0 15.4 23.0



#50
Toluene-d8
Concen: 52.80 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065882.D
Acq: 16 Feb 2021 18:56

Tgt Ion: 98 Resp: 338059
Ion Ratio Lower Upper
98 100
100 64.5 50.5 75.7

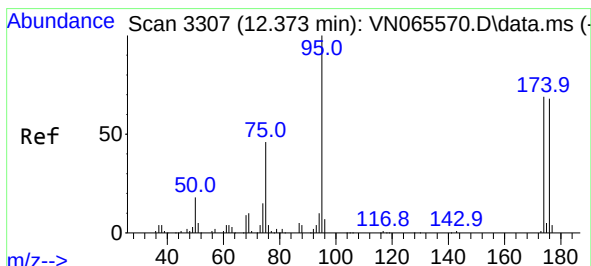
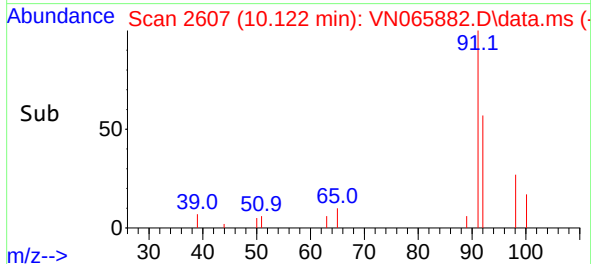
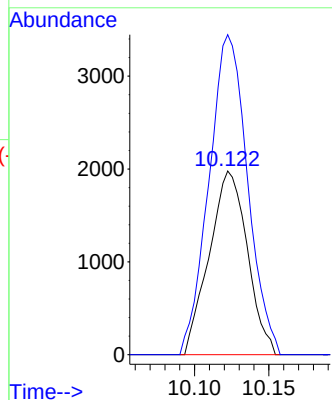
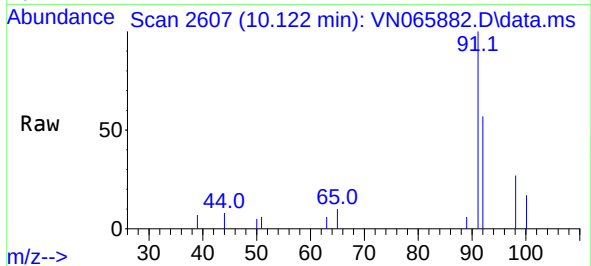




#52
Toluene
Concen: 0.71 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065882.D
Acq: 16 Feb 2021 18:56

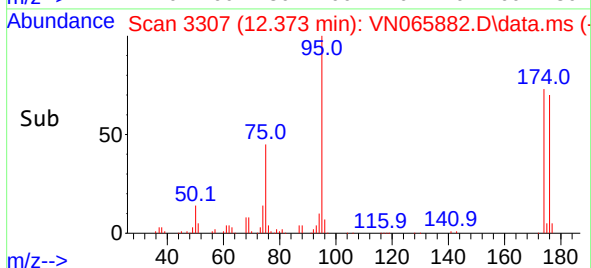
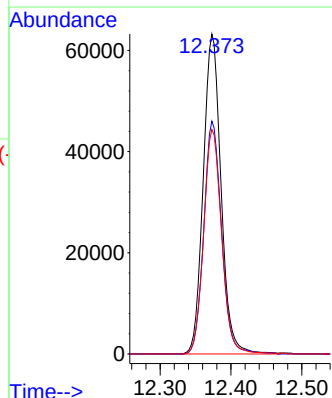
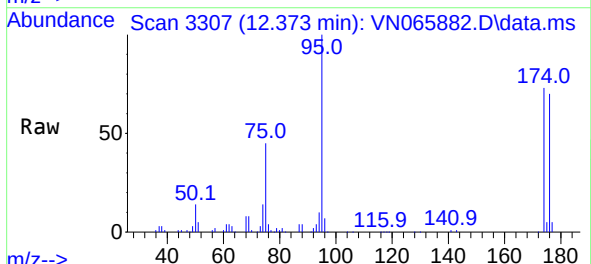
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-SC-93-021121-FDDL

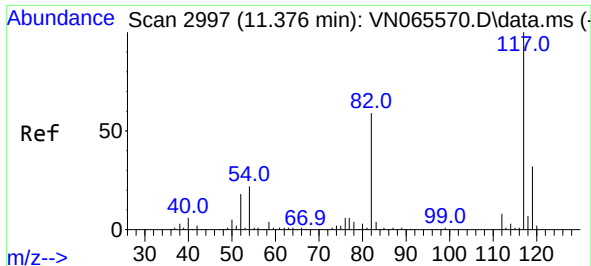
Tgt Ion: 92 Resp: 3528
Ion Ratio Lower Upper
92 100
91 176.5 140.7 211.1



#62
4-Bromofluorobenzene
Concen: 47.81 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN065882.D
Acq: 16 Feb 2021 18:56

Tgt Ion: 95 Resp: 110214
Ion Ratio Lower Upper
95 100
174 72.7 0.0 169.0
176 70.8 0.0 162.4

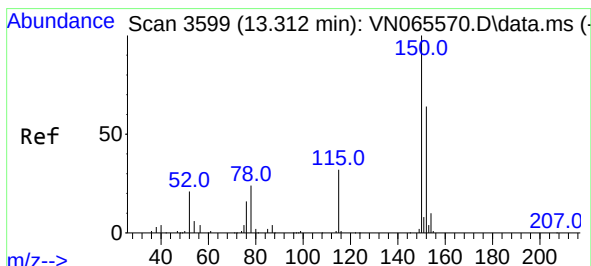
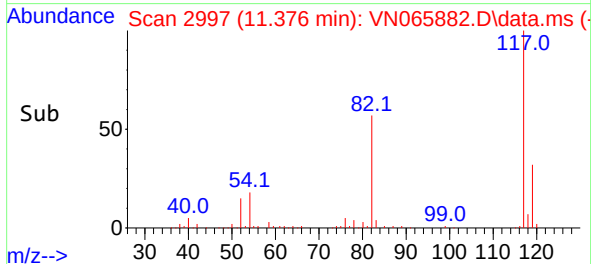
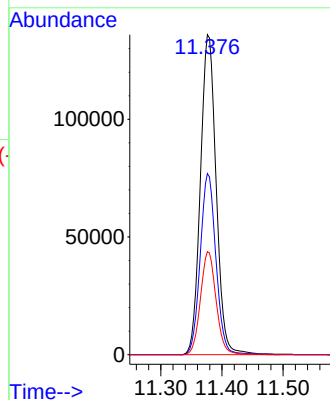
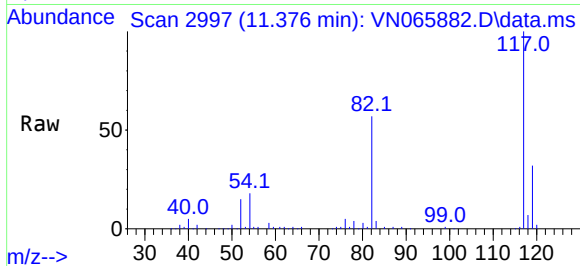




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065882.D
Acq: 16 Feb 2021 18:56

Instrument :
MSVOA_N
ClientSampleId :
GWBR2-SC-93-021121-FDDL

Tgt Ion:117 Resp: 243588
Ion Ratio Lower Upper
117 100
82 56.6 43.7 65.5
119 32.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065882.D
Acq: 16 Feb 2021 18:56

Tgt Ion:152 Resp: 89654
Ion Ratio Lower Upper
152 100
115 60.4 28.5 85.6
150 156.8 0.0 347.6

