

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021721\
 Data File : VN065919.D
 Acq On : 18 Feb 2021 2:09
 Operator : JC/MD
 Sample : M1432-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Feb 18 04:06:49 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)

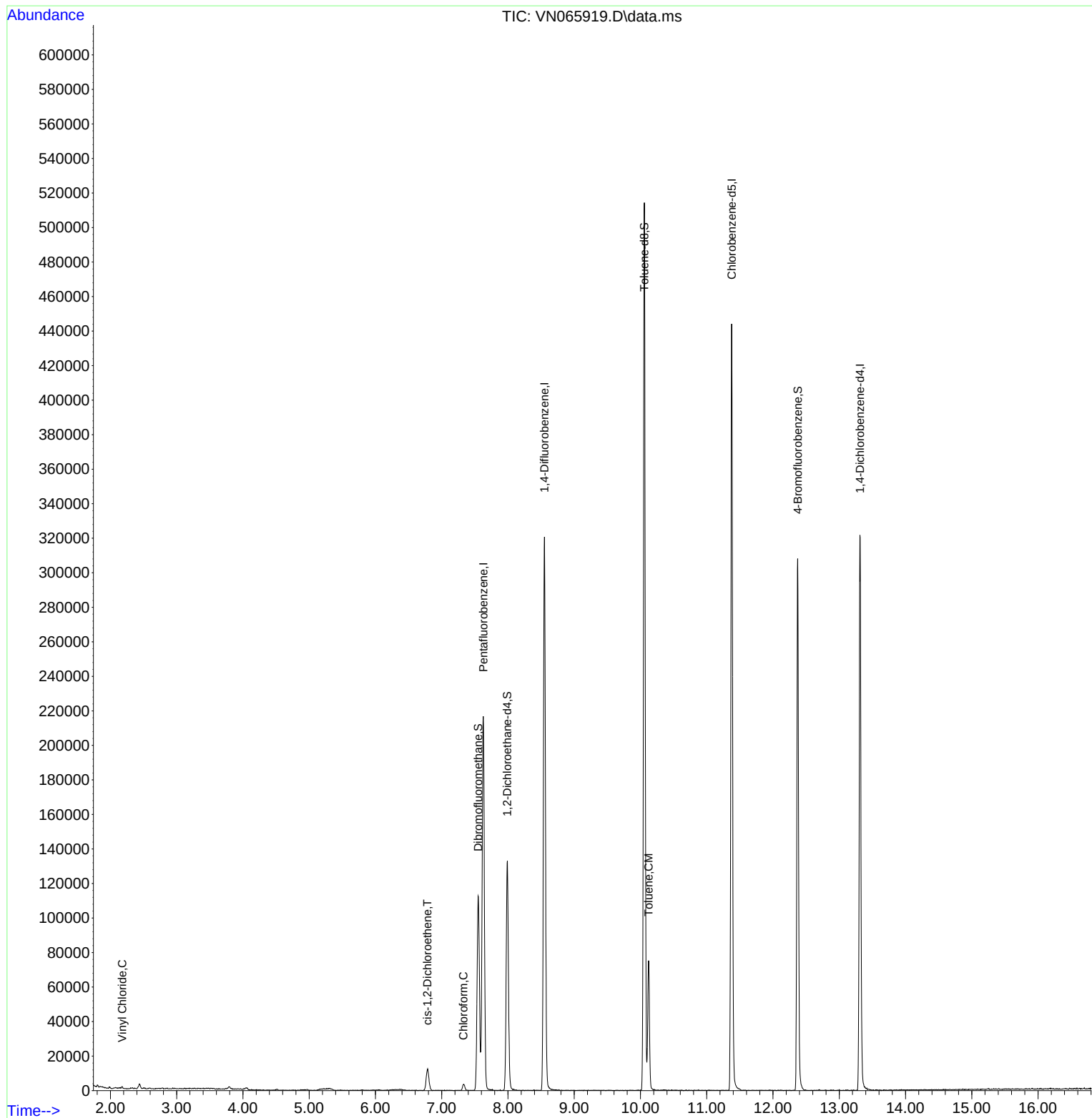
Internal Standards						
1) Pentafluorobenzene	7.627	168	174591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	296976	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	268134	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	94460	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	115845	47.45	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.90%		
35) Dibromofluoromethane	7.550	113	89613	48.76	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.52%		
50) Toluene-d8	10.058	98	369139	48.93	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.86%		
62) 4-Bromofluorobenzene	12.373	95	122349	43.20	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.40%		
Target Compounds						
						Qvalue
4) Vinyl Chloride	2.177	62	1026	0.36	ug/l #	85
27) cis-1,2-Dichloroethene	6.785	96	9013	3.84	ug/l	95
30) Chloroform	7.328	83	4163	1.09	ug/l	85
52) Toluene	10.122	92	33276	6.03	ug/l	96

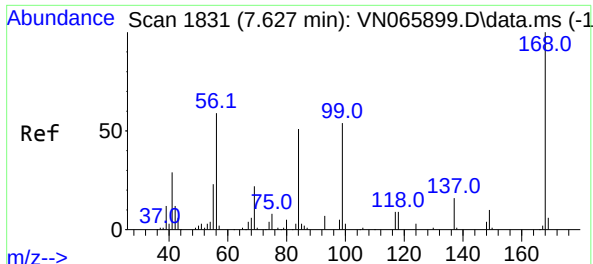
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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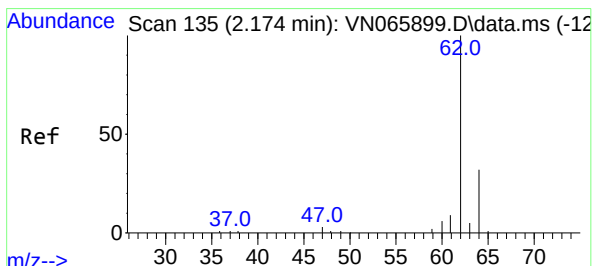
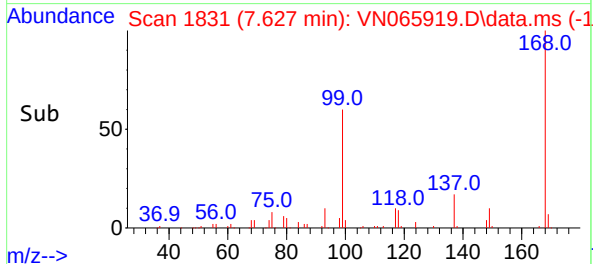
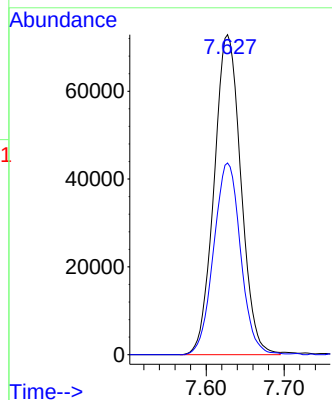
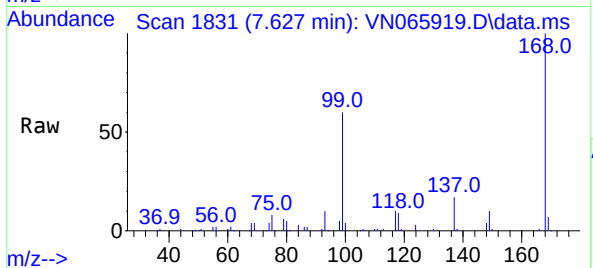




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065919.D
Acq: 18 Feb 2021 2:09

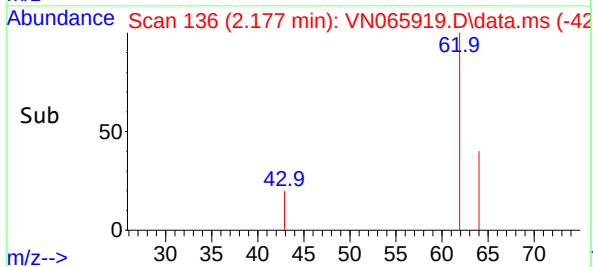
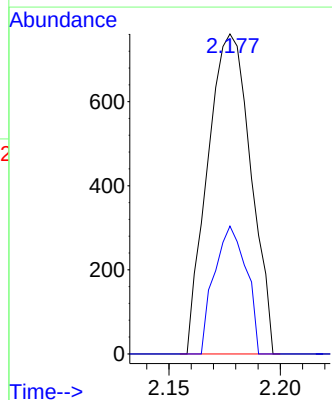
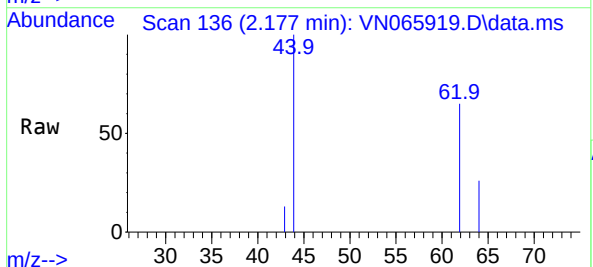
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-120-128-021521

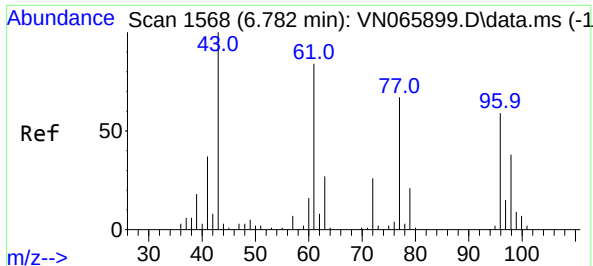
Tgt Ion:168 Resp: 174591
Ion Ratio Lower Upper
168 100
99 59.9 42.6 63.8



#4
Vinyl Chloride
Concen: 0.36 ug/l
RT: 2.177 min Scan# 136
Delta R.T. 0.003 min
Lab File: VN065919.D
Acq: 18 Feb 2021 2:09

Tgt Ion: 62 Resp: 1026
Ion Ratio Lower Upper
62 100
64 39.9 25.1 37.7#

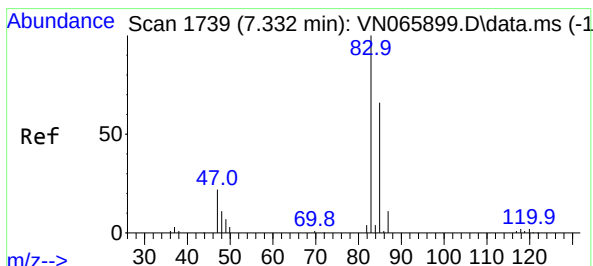
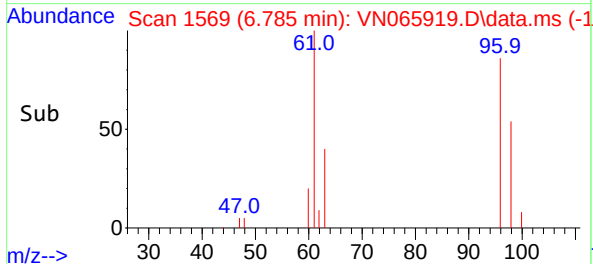
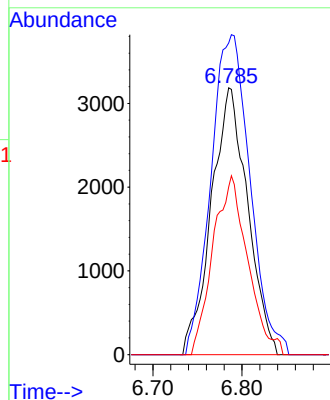
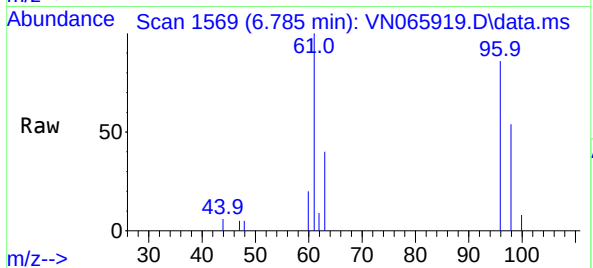




#27
cis-1,2-Dichloroethene
Concen: 3.84 ug/l
RT: 6.785 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VN065919.D
Acq: 18 Feb 2021 2:09

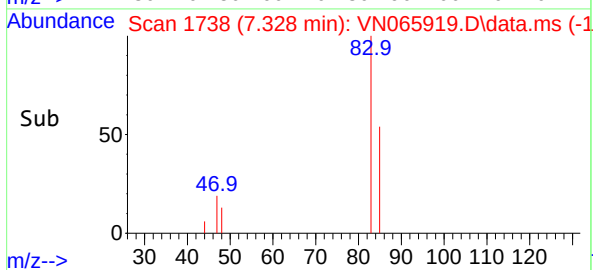
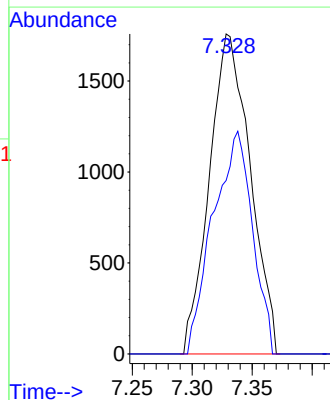
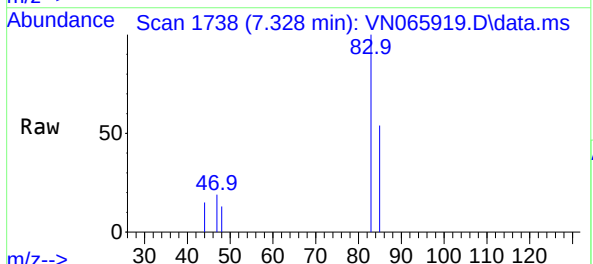
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-120-128-021521

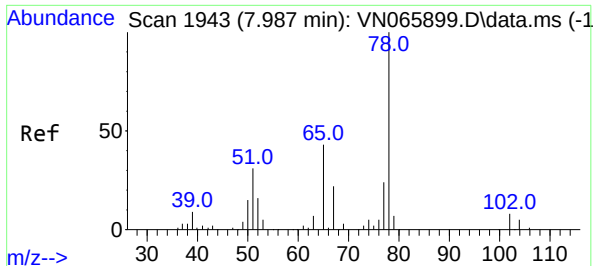
Tgt Ion:	96	Resp:	9013
Ion	Ratio	Lower	Upper
96	100		
61	129.4	0.0	276.8
98	64.2	0.0	129.4



#30
Chloroform
Concen: 1.09 ug/l
RT: 7.328 min Scan# 1738
Delta R.T. -0.004 min
Lab File: VN065919.D
Acq: 18 Feb 2021 2:09

Tgt Ion:	83	Resp:	4163
Ion	Ratio	Lower	Upper
83	100		
85	54.2	52.6	78.8



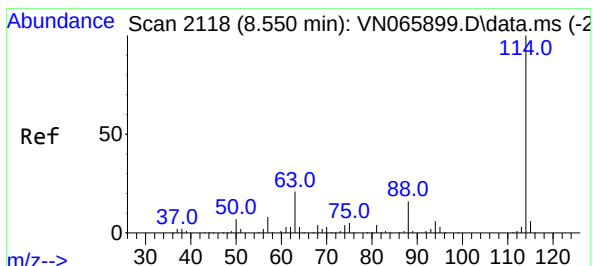
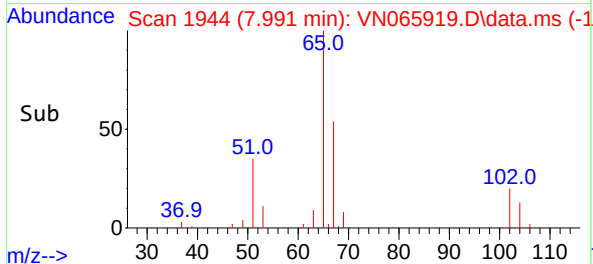
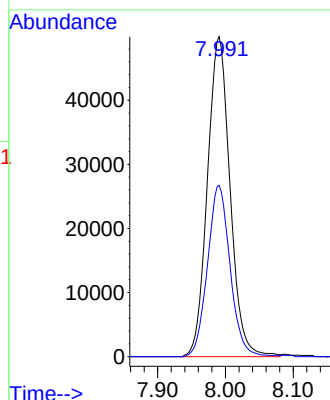
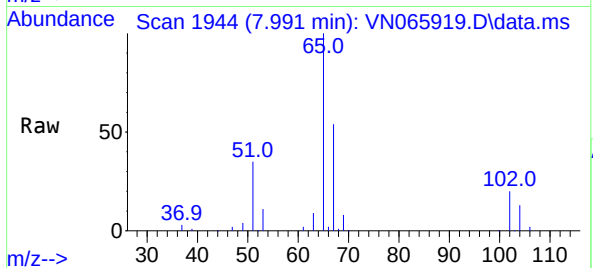


#33

1,2-Dichloroethane-d4
Concen: 47.45 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN065919.D
Acq: 18 Feb 2021 2:09

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

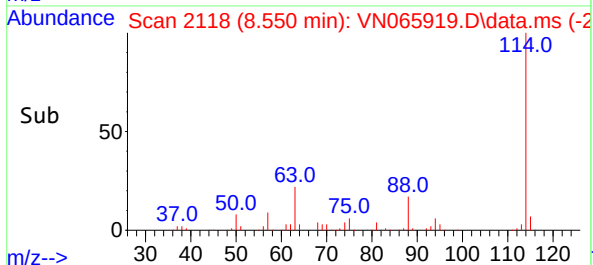
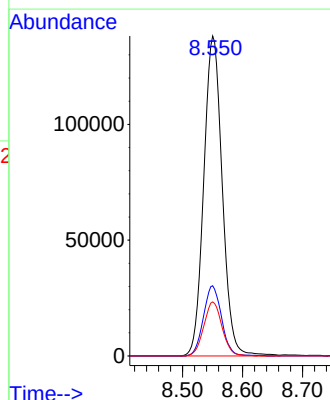
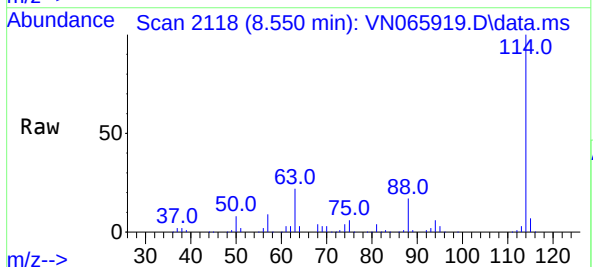
Tgt Ion: 65 Resp: 115845
Ion Ratio Lower Upper
65 100
67 53.3 0.0 107.2

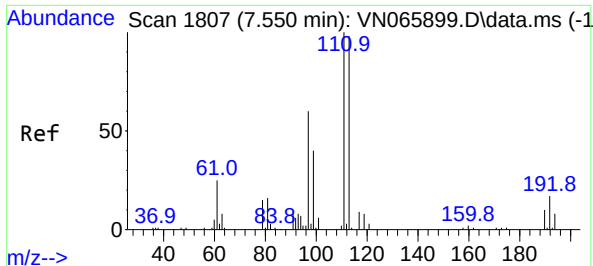


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065919.D
Acq: 18 Feb 2021 2:09

Tgt Ion: 114 Resp: 296976
Ion Ratio Lower Upper
114 100
63 21.9 0.0 38.6
88 16.9 0.0 30.6

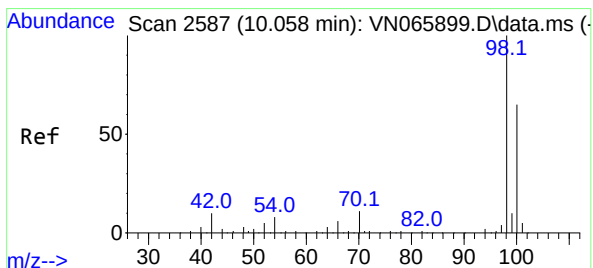
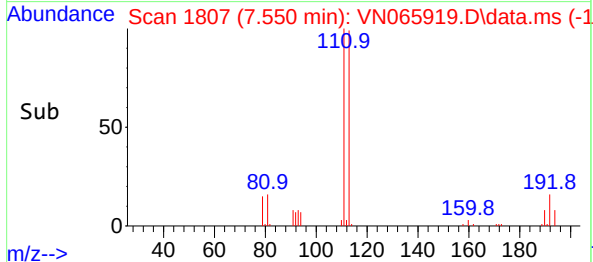
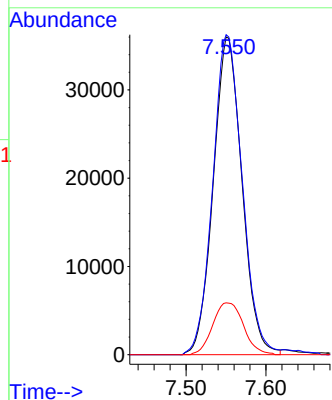
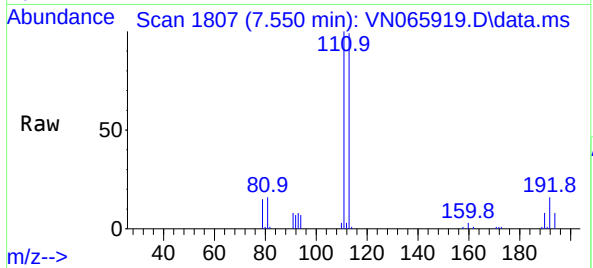




#35
Dibromofluoromethane
Concen: 48.76 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065919.D
Acq: 18 Feb 2021 2:09

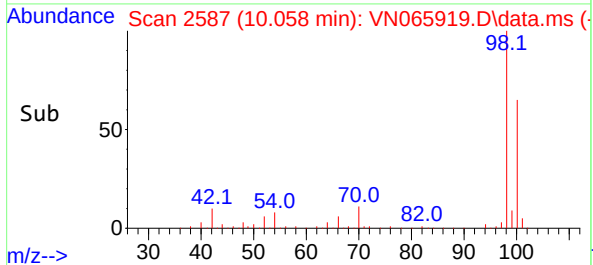
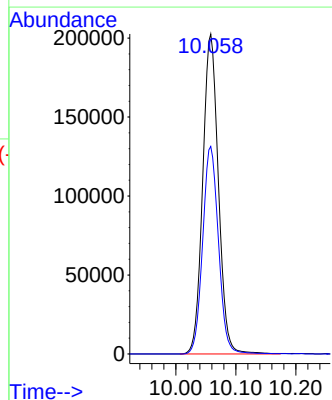
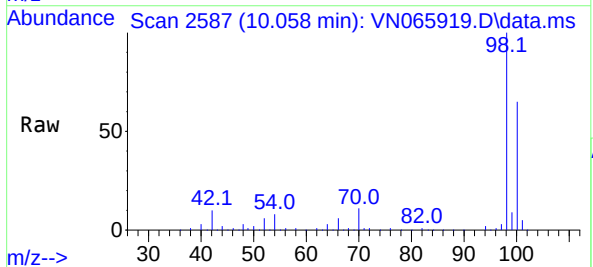
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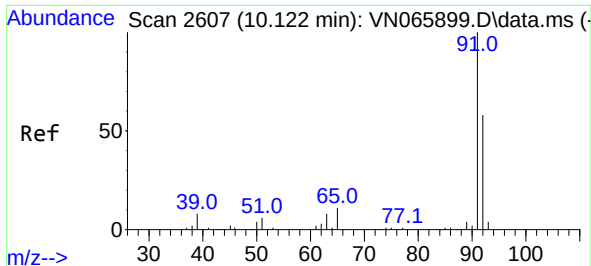
Tgt Ion:113 Resp: 89613
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 17.6 15.4 23.0



#50
Toluene-d8
Concen: 48.93 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065919.D
Acq: 18 Feb 2021 2:09

Tgt Ion: 98 Resp: 369139
Ion Ratio Lower Upper
98 100
100 65.3 50.5 75.7

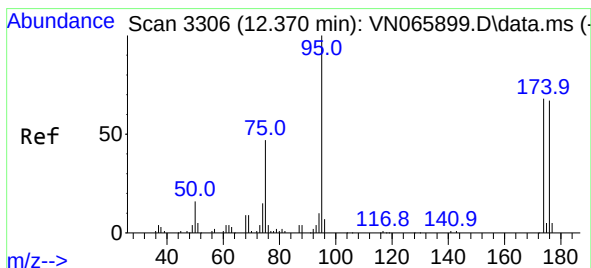
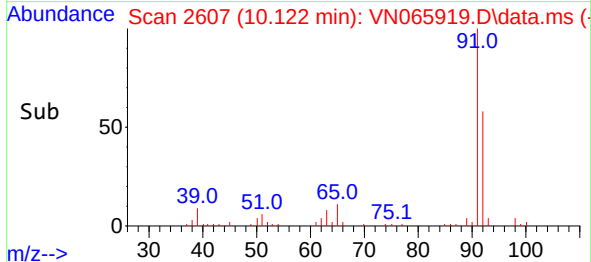
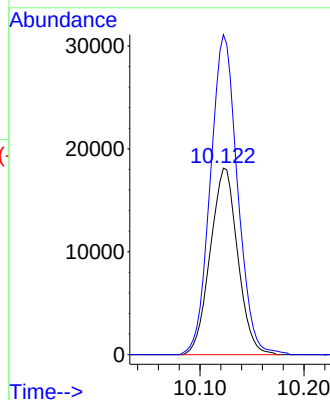
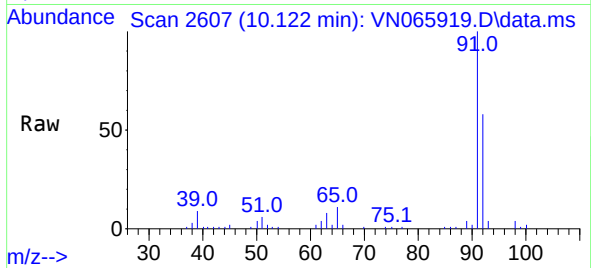




#52
Toluene
Concen: 6.03 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065919.D
Acq: 18 Feb 2021 2:09

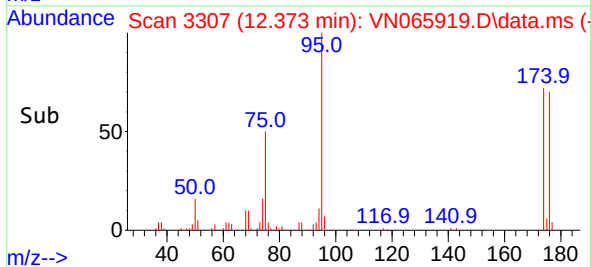
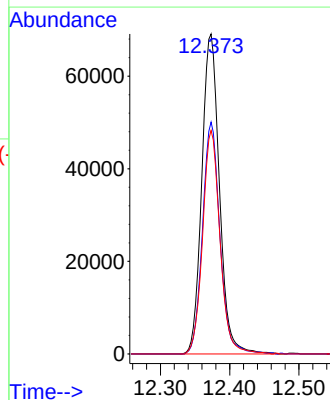
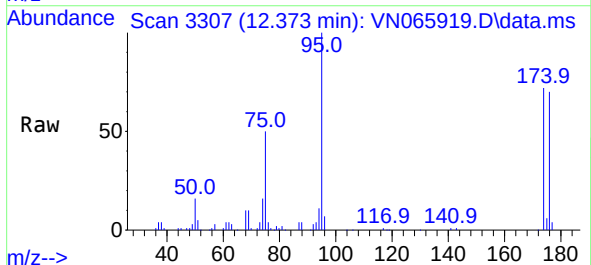
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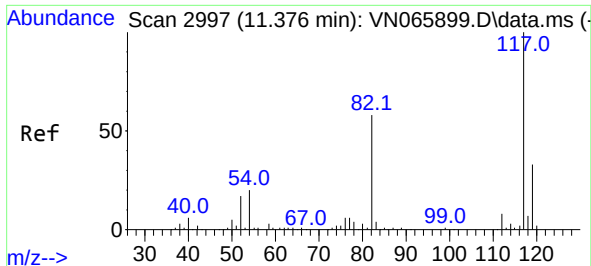
Tgt Ion: 92 Resp: 33276
Ion Ratio Lower Upper
92 100
91 170.0 140.7 211.1



#62
4-Bromofluorobenzene
Concen: 43.20 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065919.D
Acq: 18 Feb 2021 2:09

Tgt Ion: 95 Resp: 122349
Ion Ratio Lower Upper
95 100
174 71.5 0.0 169.0
176 68.8 0.0 162.4

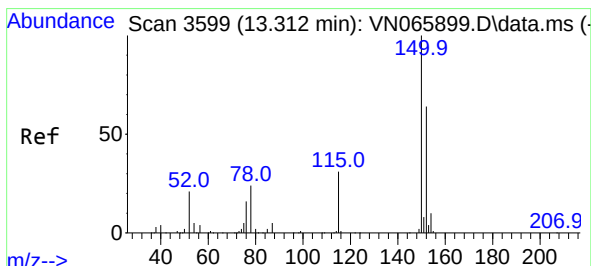
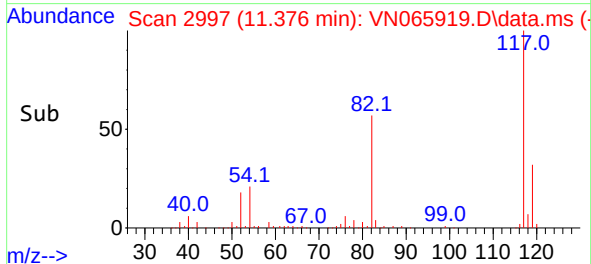
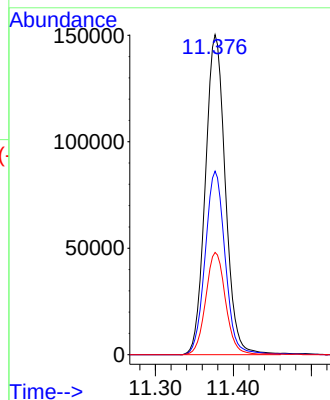
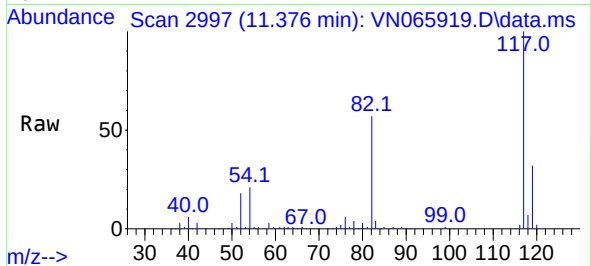




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065919.D
Acq: 18 Feb 2021 2:09

Instrument :
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Tgt Ion:	117	Resp:	268134
Ion Ratio	Lower	Upper	
117	100		
82	57.4	43.7	65.5
119	31.9	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: VN065919.D
Acq: 18 Feb 2021 2:09

Tgt Ion:	152	Resp:	94460
Ion Ratio	Lower	Upper	
152	100		
115	62.3	28.5	85.6
150	160.1	0.0	347.6

