

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123120\
 Data File : VN065336.D
 Acq On : 31 Dec 2020 10:11
 Operator : JC/MD
 Sample : VN1231WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1231WBL01

Quant Time: Jan 01 01:13:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 21 13:17:58 2020
 Response via : Initial Calibration

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

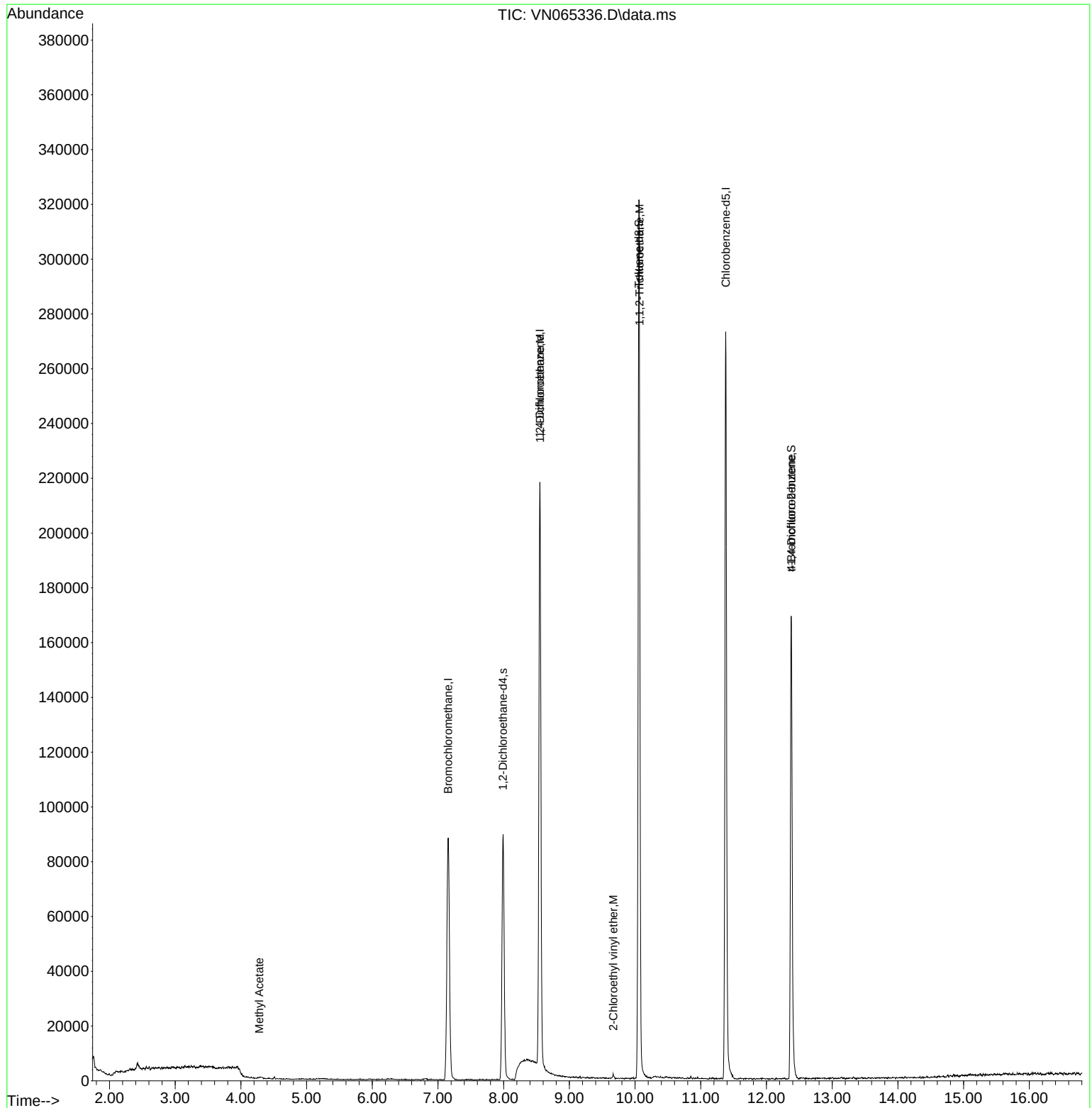
Internal Standards						
1) Bromochloromethane	7.154	128	38519	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.550	114	205565	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.379	117	173897	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.990	65	78079	27.94	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	93.13%	
60) 4-Bromofluorobenzene	12.376	95	65098	23.54	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	78.47%	
63) Toluene-d8	10.058	98	237034	30.73	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	102.43%	
Target Compounds						
12) Methyl Acetate	4.280	43	575	0.27	ug/l #	54
36) 1,2-Dichloroethane	8.553	62	5964	1.80	ug/l #	80
50) 1,1,2-Trichloroethane	10.068	97	8138	3.67	ug/l #	1
55) 2-Chloroethyl vinyl ether	9.669	63	651	0.38	ug/l #	46
77) t-1,4-Dichloro-2-butene	12.376	75	31917	29.35	ug/l #	9

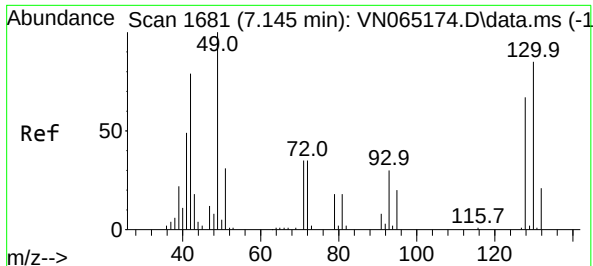
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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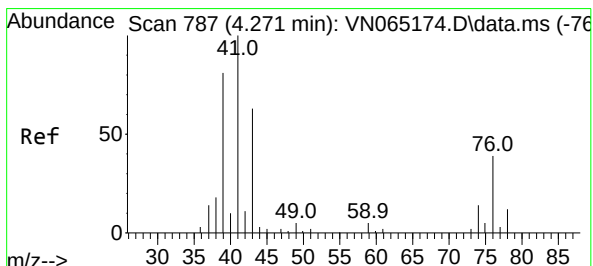
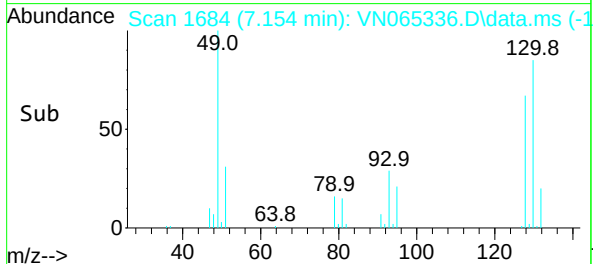
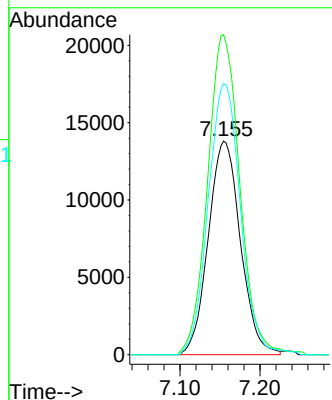
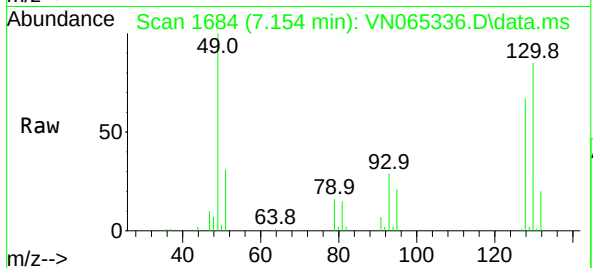




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.154 min Scan# 1684
Delta R.T. 0.010 min
Lab File: VN065336.D
Acq: 31 Dec 2020 10:11

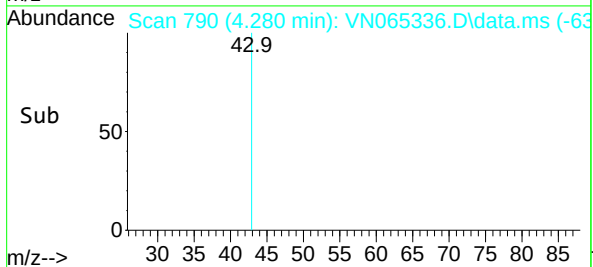
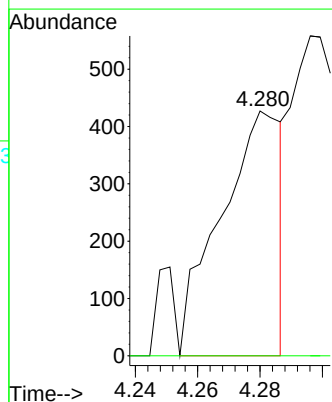
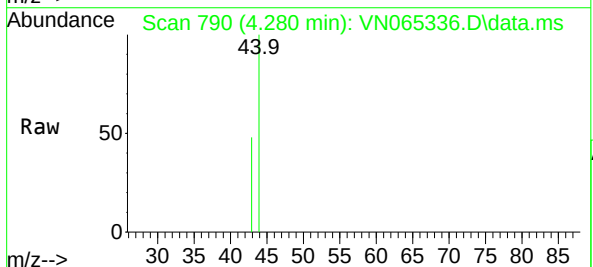
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBL01

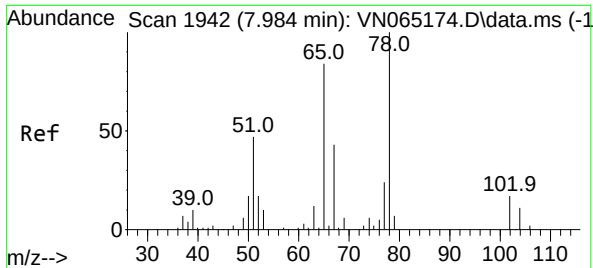
Tgt Ion:128 Resp: 38519
Ion Ratio Lower Upper
128 100
49 150.2 0.0 475.5
130 127.9 0.0 315.3



#12
Methyl Acetate
Concen: 0.27 ug/l
RT: 4.280 min Scan# 790
Delta R.T. 0.009 min
Lab File: VN065336.D
Acq: 31 Dec 2020 10:11

Tgt Ion: 43 Resp: 575
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#



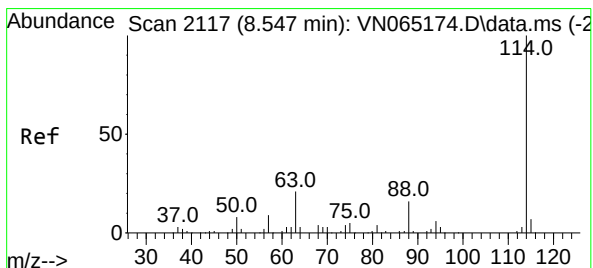
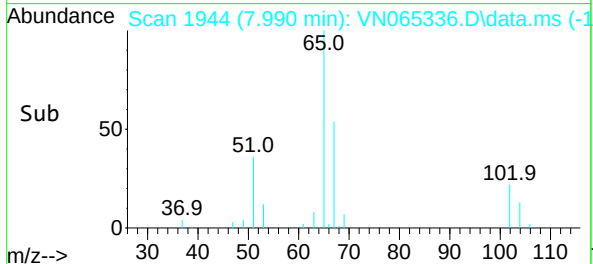
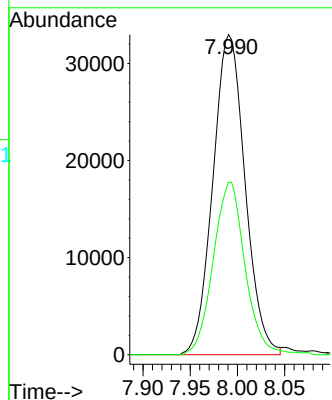
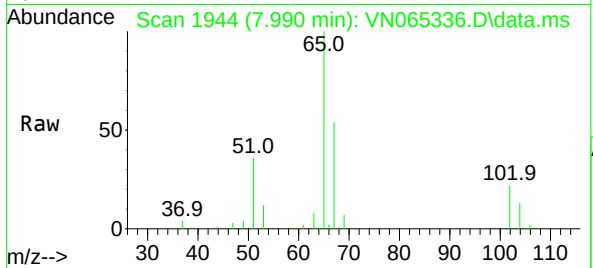


#27

1,2-Dichloroethane-d4
Concen: 27.94 ug/l
RT: 7.990 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN065336.D
Acq: 31 Dec 2020 10:11

Instrument :
MSVOA_N
ClientSampled :
VN1231WBL01

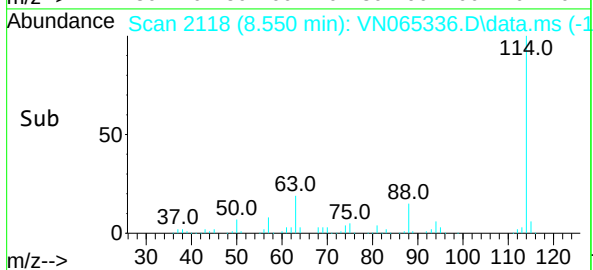
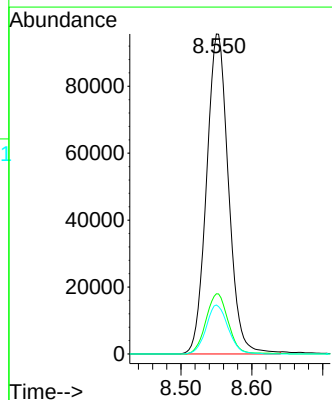
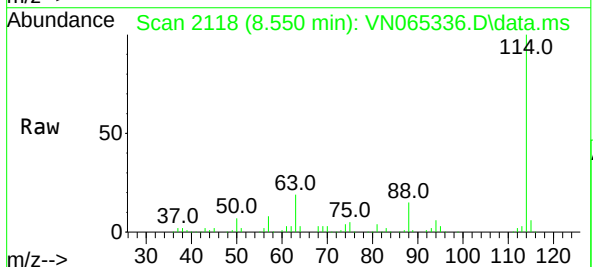
Tgt Ion: 65 Resp: 78079
Ion Ratio Lower Upper
65 100
67 53.0 41.1 61.7

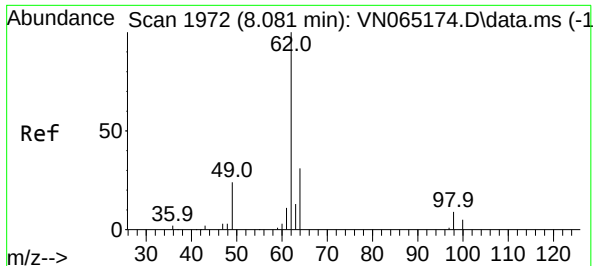


#28

1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.003 min
Lab File: VN065336.D
Acq: 31 Dec 2020 10:11

Tgt Ion: 114 Resp: 205565
Ion Ratio Lower Upper
114 100
63 19.1 18.5 27.7
88 15.3 13.0 19.6

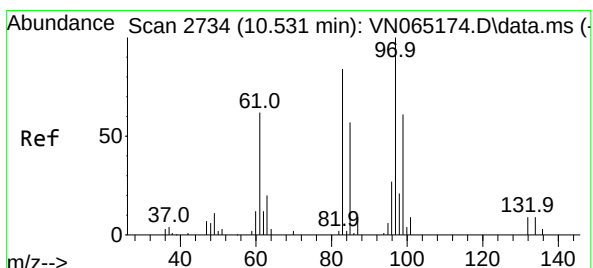
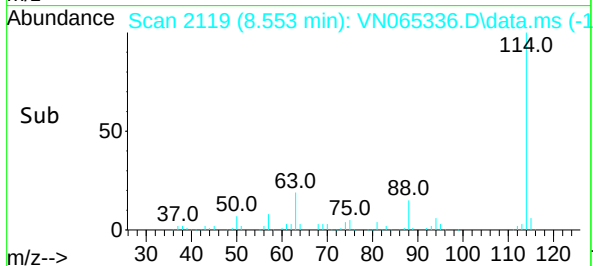
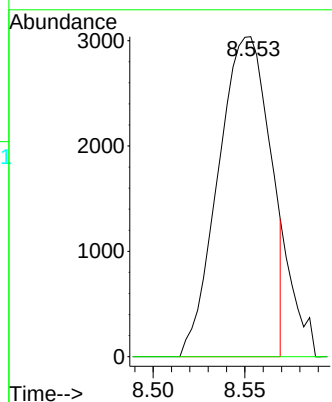
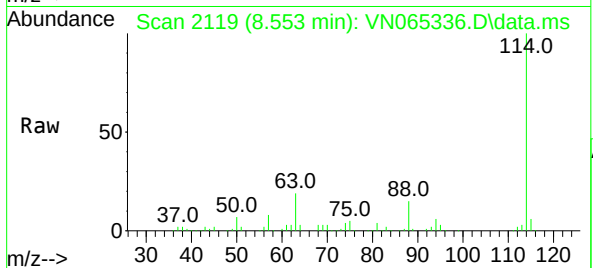




#36
1,2-Dichloroethane
Concen: 1.80 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.472 min
Lab File: VN065336.D
Acq: 31 Dec 2020 10:11

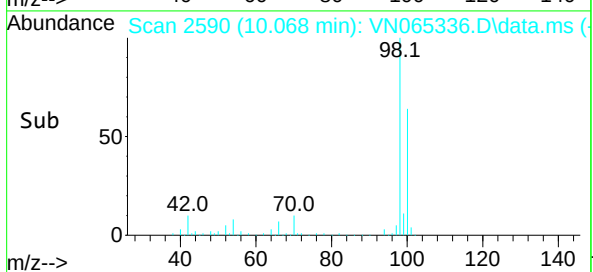
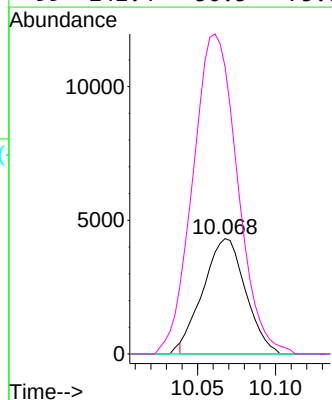
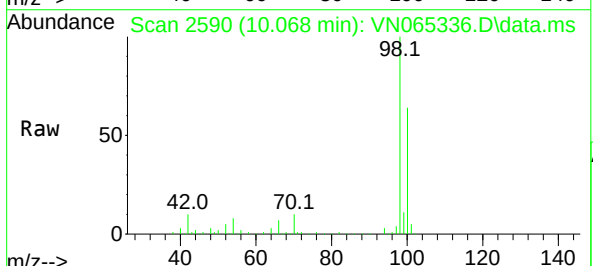
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBL01

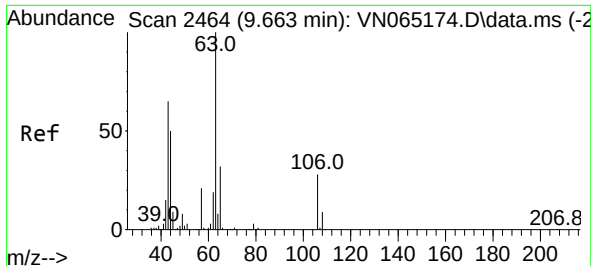
Tgt Ion: 62 Resp: 5964
Ion Ratio Lower Upper
62 100
98 0.0 5.5 8.3#



#50
1,1,2-Trichloroethane
Concen: 3.67 ug/l
RT: 10.068 min Scan# 2590
Delta R.T. -0.463 min
Lab File: VN065336.D
Acq: 31 Dec 2020 10:11

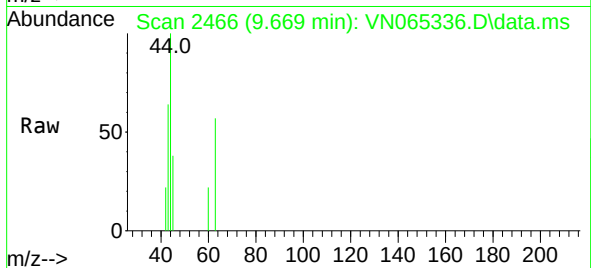
Tgt Ion: 97 Resp: 8138
Ion Ratio Lower Upper
97 100
83 0.0 74.2 111.4#
85 0.0 44.8 67.2#
99 242.4 50.5 75.7#



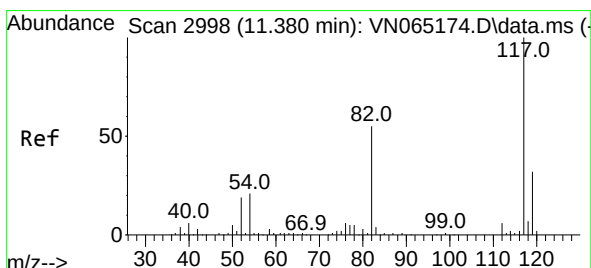
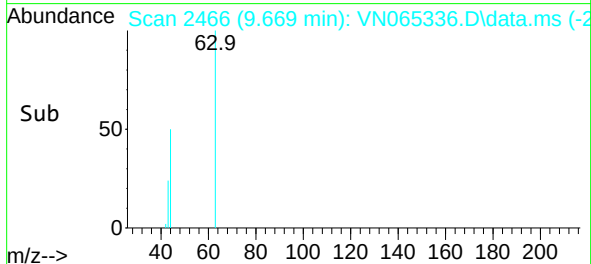
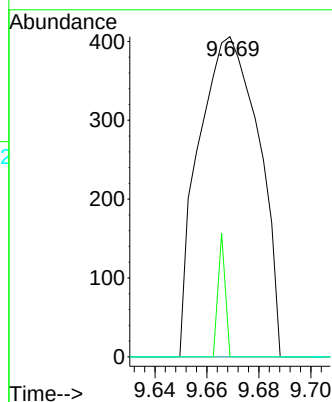


#55
2-Chloroethyl vinyl ether
Concen: 0.38 ug/l
RT: 9.669 min Scan# 2466
Delta R.T. 0.006 min
Lab File: VN065336.D
Acq: 31 Dec 2020 10:11

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBL01

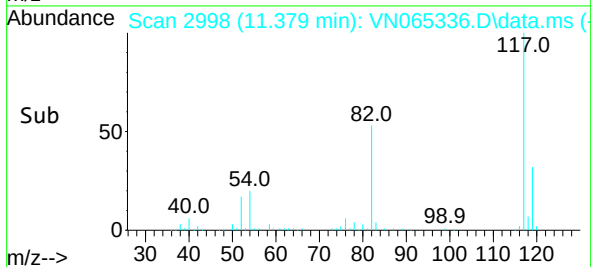
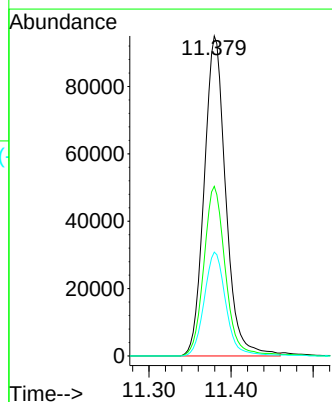
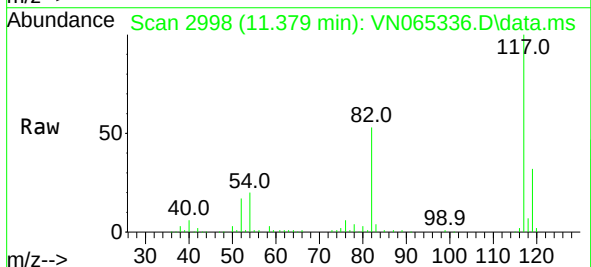


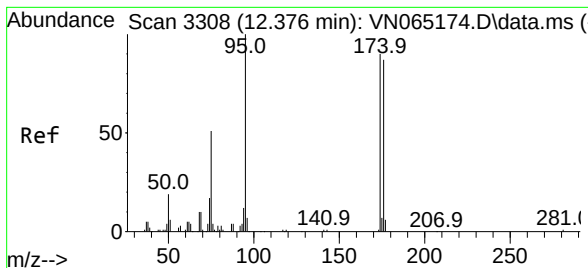
Tgt Ion: 63 Resp: 651
Ion Ratio Lower Upper
63 100
65 0.0 25.7 38.5#
106 0.0 19.9 29.9#



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065336.D
Acq: 31 Dec 2020 10:11

Tgt Ion: 117 Resp: 173897
Ion Ratio Lower Upper
117 100
82 52.5 47.8 71.8
119 32.4 25.7 38.5

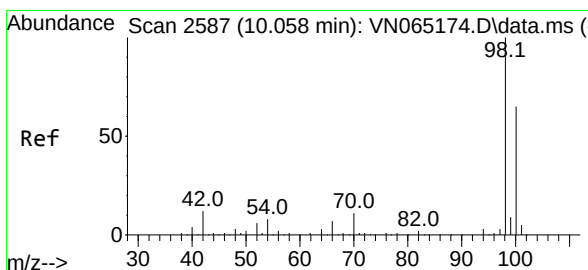
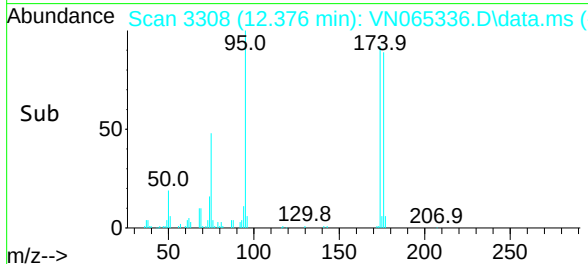
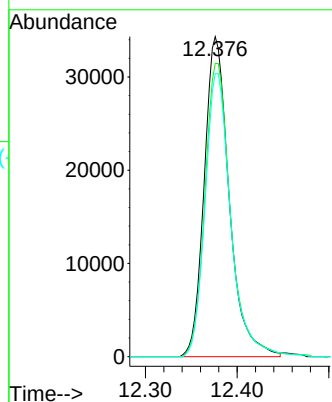
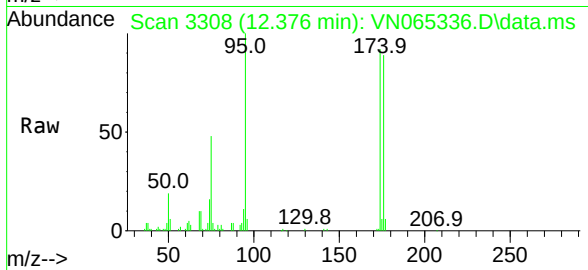




#60
4-Bromofluorobenzene
Concen: 23.54 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.000 min
Lab File: VN065336.D
Acq: 31 Dec 2020 10:11

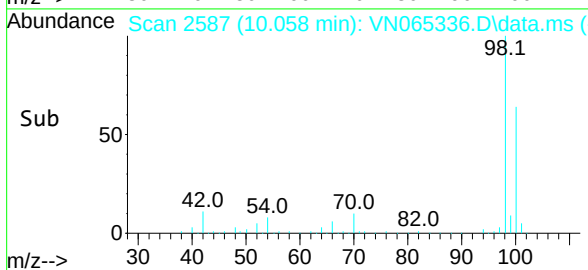
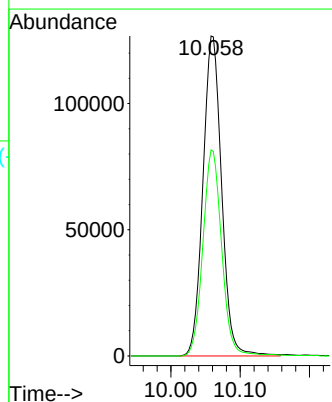
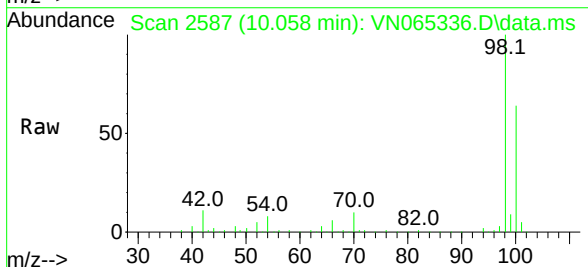
Instrument :
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ClientSampleId :
VN1231WBL01

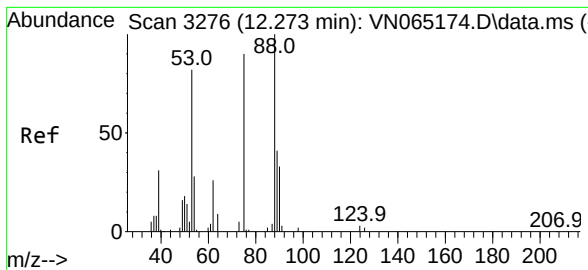
Tgt Ion: 95 Resp: 65098
Ion Ratio Lower Upper
95 100
174 94.2 56.4 84.6#
176 90.7 53.3 79.9#



#63
Toluene-d8
Concen: 30.73 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065336.D
Acq: 31 Dec 2020 10:11

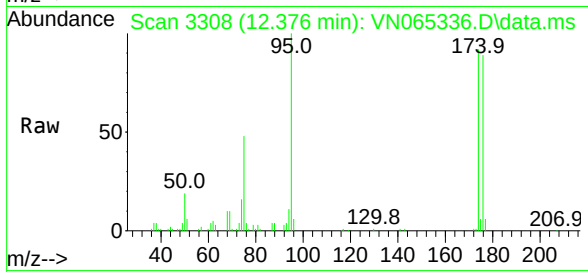
Tgt Ion: 98 Resp: 237034
Ion Ratio Lower Upper
98 100
100 64.3 49.4 74.2





#77
t-1,4-Dichloro-2-butene
Concen: 29.35 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065336.D
Acq: 31 Dec 2020 10:11

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBL01



Tgt Ion:	75	Resp:	31917
Ion	Ratio	Lower	Upper
75	100		
53	0.0	50.3	150.9#
89	0.0	23.3	69.8#

