

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122120\
 Data File : VN065184.D
 Acq On : 21 Dec 2020 16:42
 Operator : JC/MD
 Sample : L5153-03 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 22 05:38:05 2020
 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)

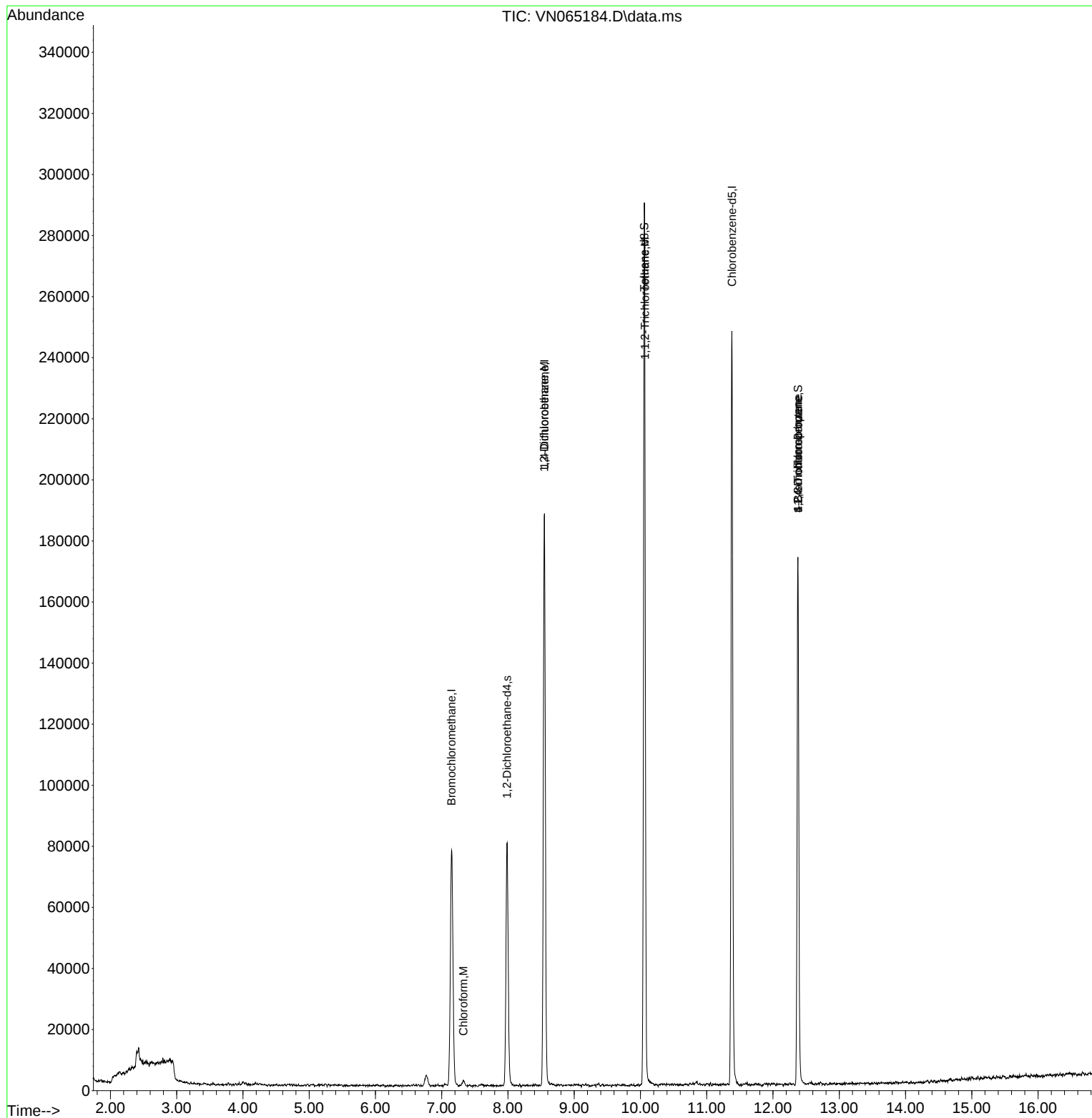
Internal Standards						
1) Bromochloromethane	7.148	128	32236	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.550	114	173625	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.380	117	147892	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.987	65	69931	29.90	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	99.67%	
60) 4-Bromofluorobenzene	12.376	95	62431	26.54	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	88.47%	
63) Toluene-d8	10.058	98	204234	31.14	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	103.80%	
Target Compounds						Qvalue
25) Chloroform	7.325	83	2089	0.59	ug/l	92
36) 1,2-Dichloroethane	8.547	62	5574	1.99	ug/l #	80
50) 1,1,2-Trichloroethane	10.068	97	7013	3.74	ug/l #	1
72) 1,2,3-Trichloropropane	12.376	75	31270	13.28	ug/l	1
77) t-1,4-Dichloro-2-butene	12.376	75	31270	33.81	ug/l #	9

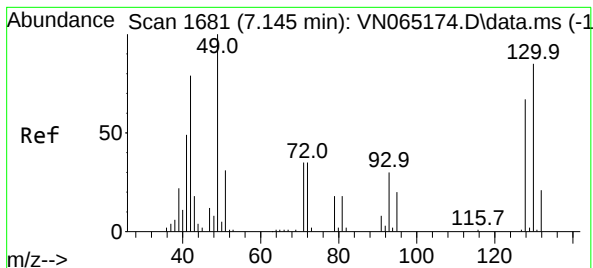
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

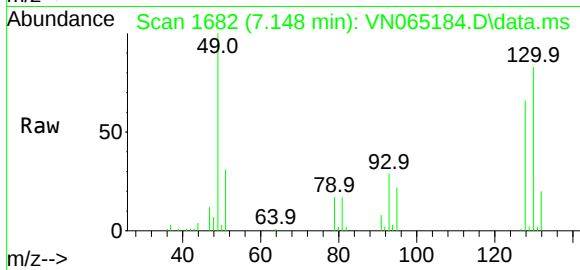
Quant Time: Dec 22 05:38:05 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122120W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Dec 21 13:17:58 2020
Response via : Initial Calibration



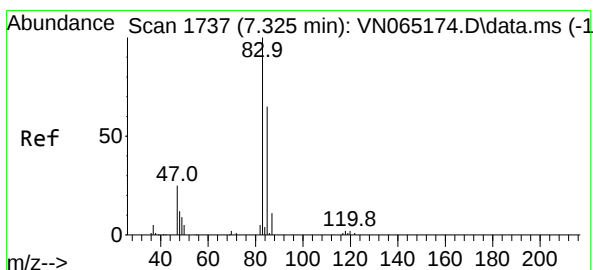
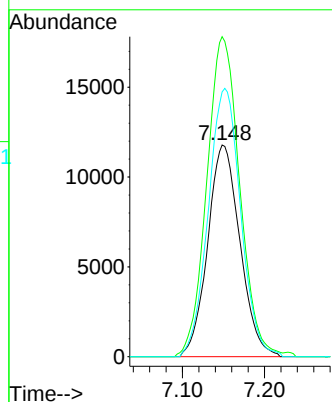
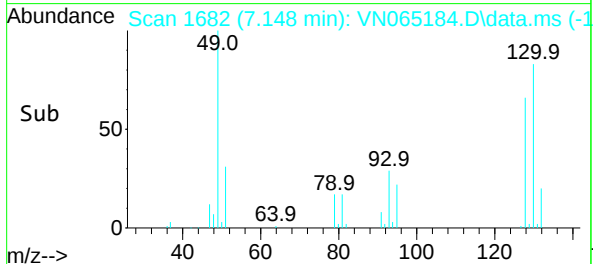


#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.148 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN065184.D
Acq: 21 Dec 2020 16:42

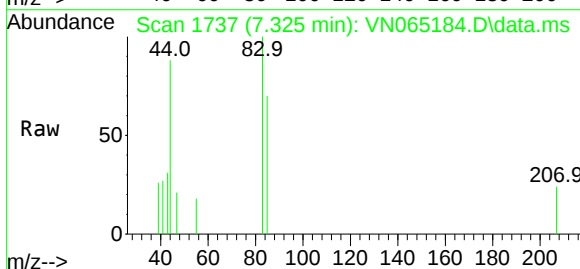
Instrument :
MSVOA_N
ClientSampled :



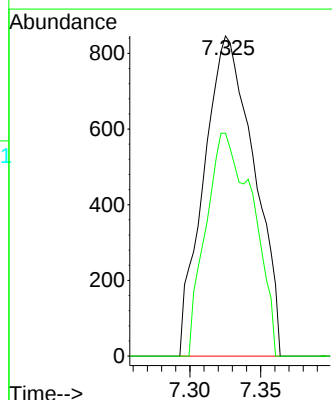
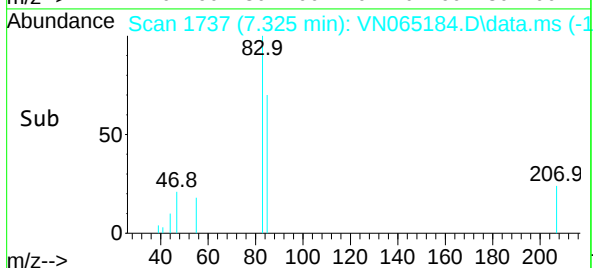
Tgt Ion:128 Resp: 32236
Ion Ratio Lower Upper
128 100
49 153.6 0.0 475.5
130 127.3 0.0 315.3

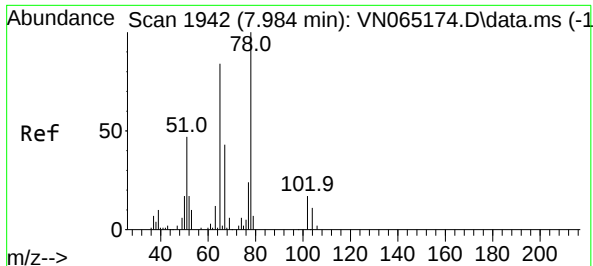


#25
Chloroform
Concen: 0.59 ug/l
RT: 7.325 min Scan# 1737
Delta R.T. 0.000 min
Lab File: VN065184.D
Acq: 21 Dec 2020 16:42



Tgt Ion: 83 Resp: 2089
Ion Ratio Lower Upper
83 100
85 69.6 50.6 75.8



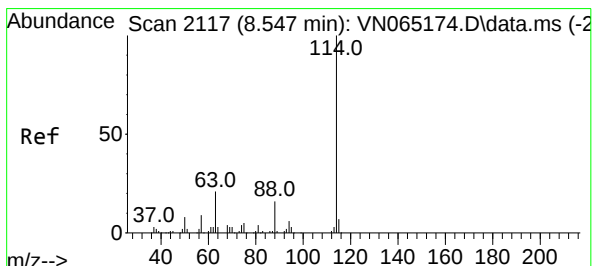
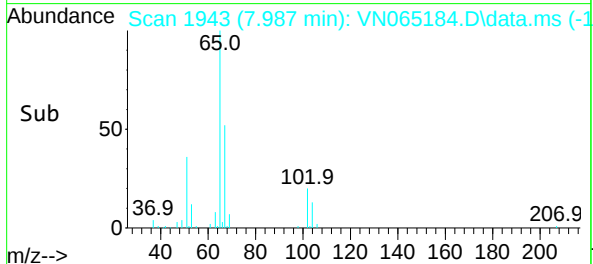
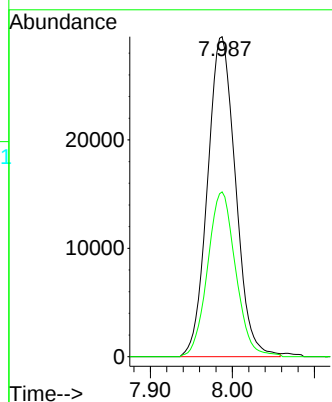
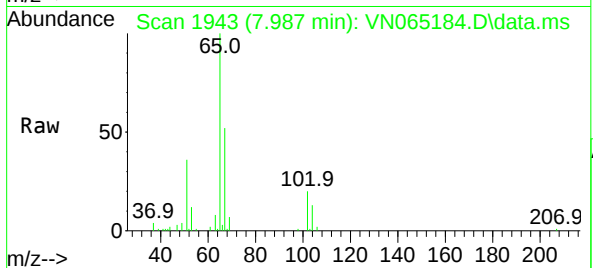


#27

1,2-Dichloroethane-d4
Concen: 29.90 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.003 min
Lab File: VN065184.D
Acq: 21 Dec 2020 16:42

Instrument :
MSVOA_N
ClientSampled :

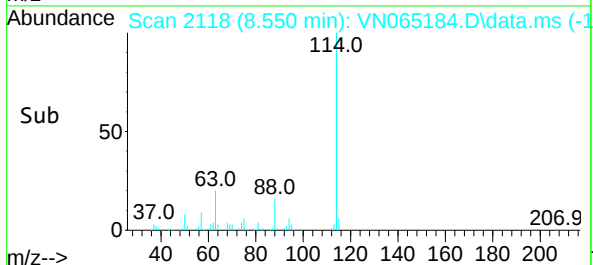
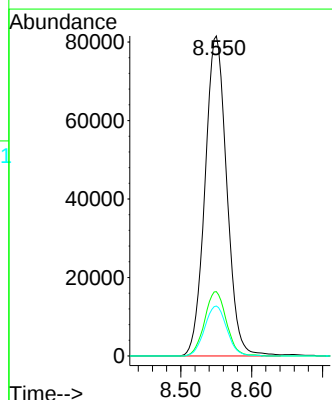
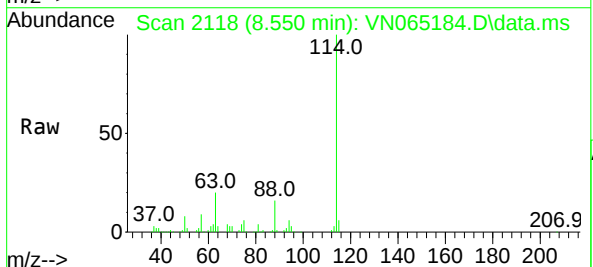
Tgt Ion: 65 Resp: 69931
Ion Ratio Lower Upper
65 100
67 51.6 41.1 61.7

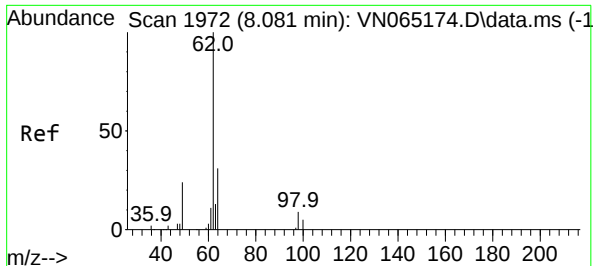


#28

1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.003 min
Lab File: VN065184.D
Acq: 21 Dec 2020 16:42

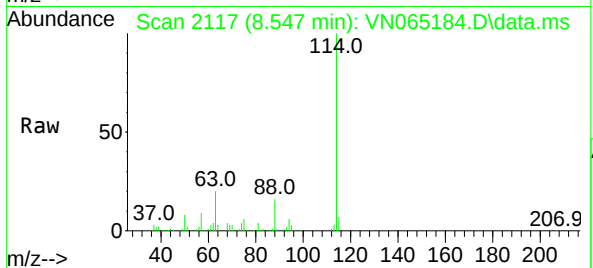
Tgt Ion: 114 Resp: 173625
Ion Ratio Lower Upper
114 100
63 20.1 18.5 27.7
88 15.9 13.0 19.6



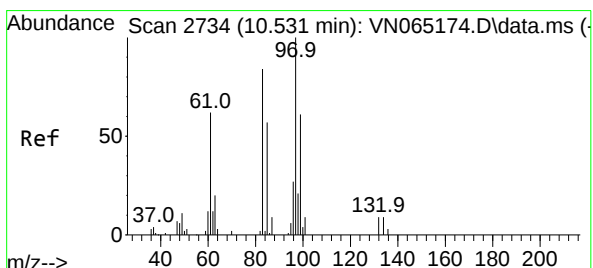
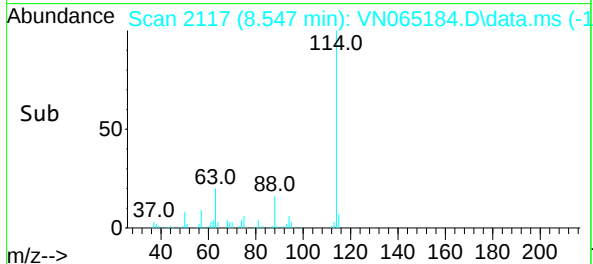
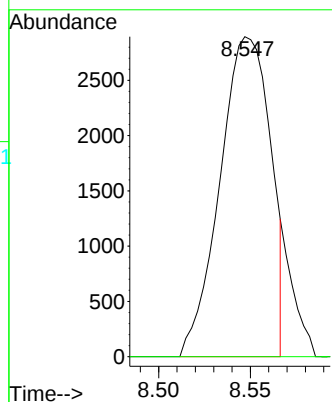


#36
1,2-Dichloroethane
Concen: 1.99 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. 0.466 min
Lab File: VN065184.D
Acq: 21 Dec 2020 16:42

Instrument :
MSVOA_N
ClientSampled :

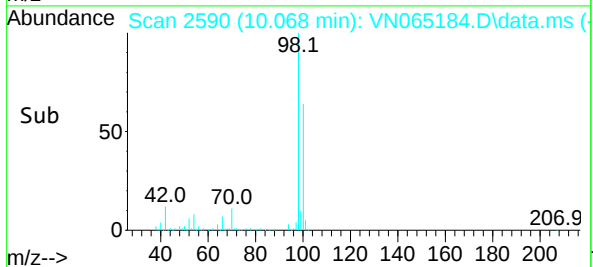
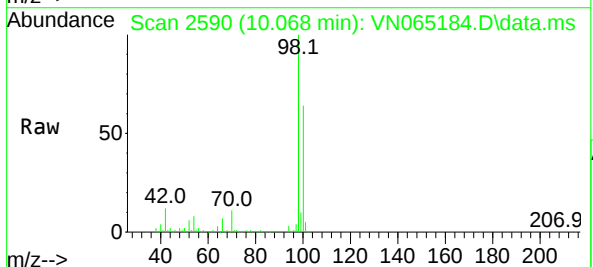
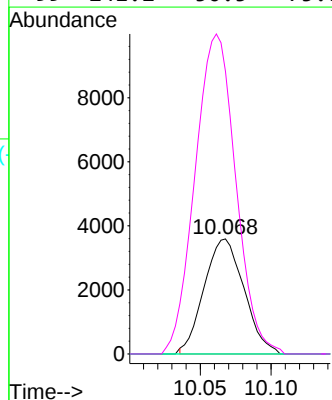


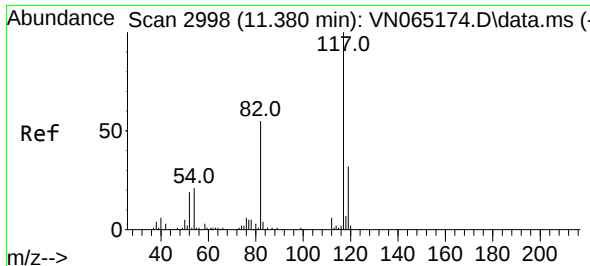
Tgt Ion: 62 Resp: 5574
Ion Ratio Lower Upper
62 100
98 0.0 5.5 8.3#



#50
1,1,2-Trichloroethane
Concen: 3.74 ug/l
RT: 10.068 min Scan# 2590
Delta R.T. -0.463 min
Lab File: VN065184.D
Acq: 21 Dec 2020 16:42

Tgt Ion: 97 Resp: 7013
Ion Ratio Lower Upper
97 100
83 0.0 74.2 111.4#
85 0.0 44.8 67.2#
99 241.2 50.5 75.7#

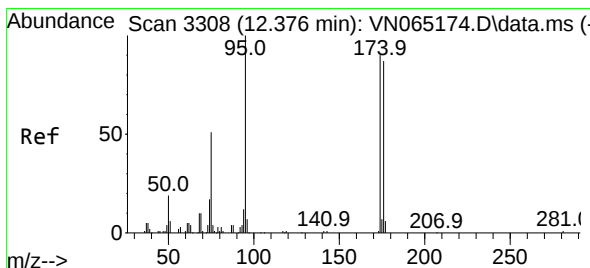
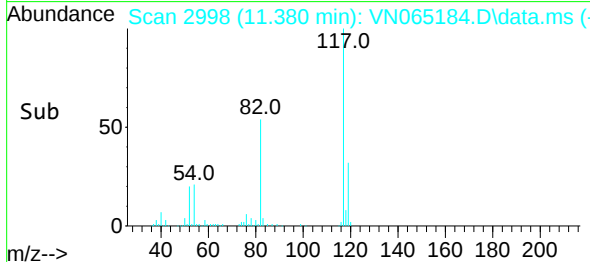
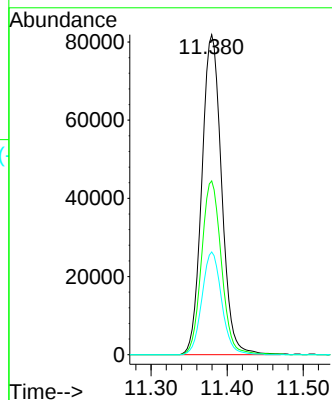
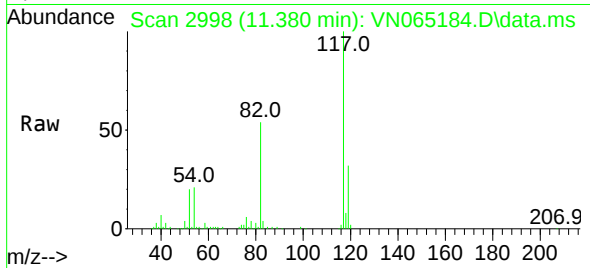




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.000 min
Lab File: VN065184.D
Acq: 21 Dec 2020 16:42

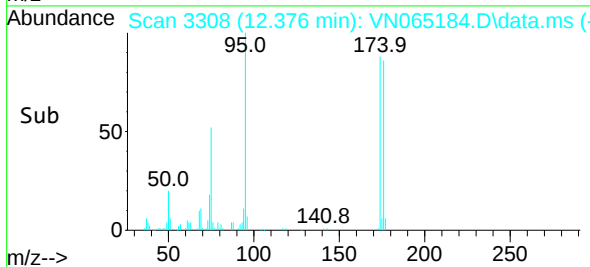
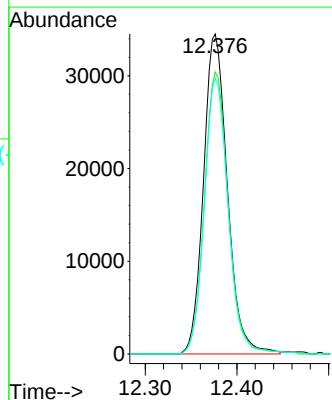
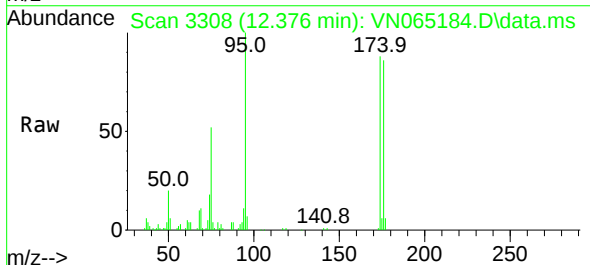
Instrument :
MSVOA_N
ClientSampled :

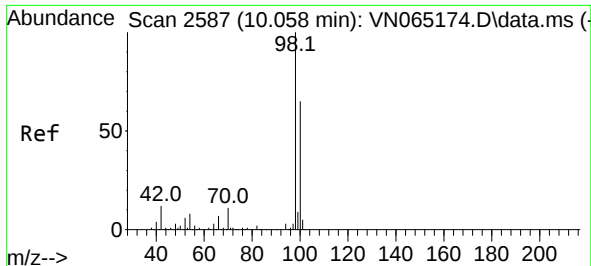
Tgt Ion:117 Resp: 147892
Ion Ratio Lower Upper
117 100
82 54.7 47.8 71.8
119 32.0 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 26.54 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065184.D
Acq: 21 Dec 2020 16:42

Tgt Ion: 95 Resp: 62431
Ion Ratio Lower Upper
95 100
174 87.8 56.4 84.6#
176 85.6 53.3 79.9#

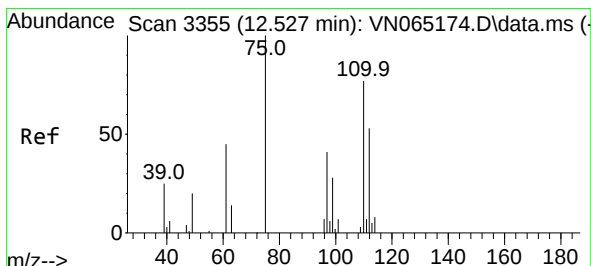
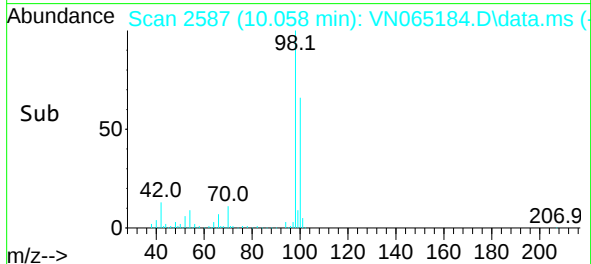
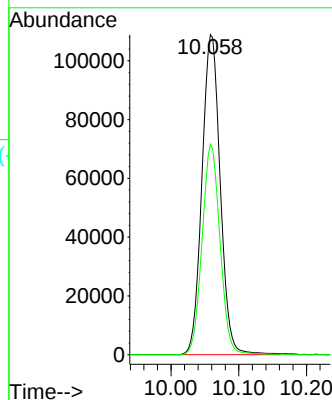
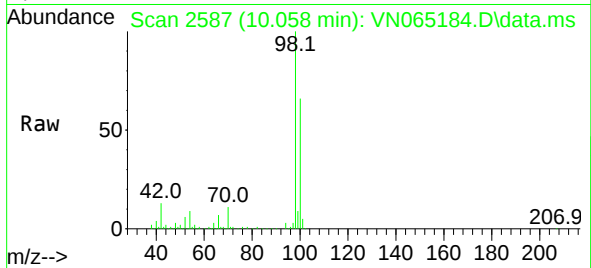




#63
Toluene-d8
Concen: 31.14 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065184.D
Acq: 21 Dec 2020 16:42

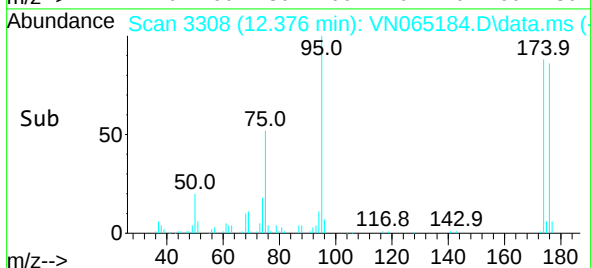
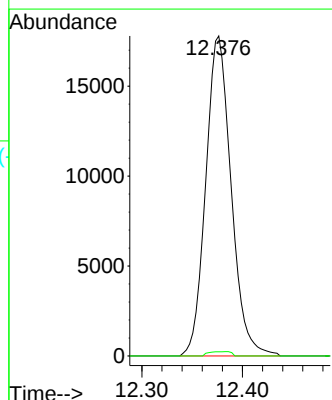
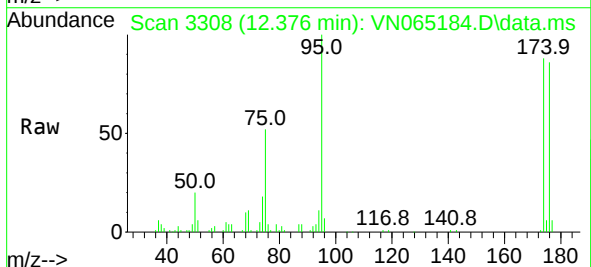
Instrument :
MSVOA_N
ClientSampled :

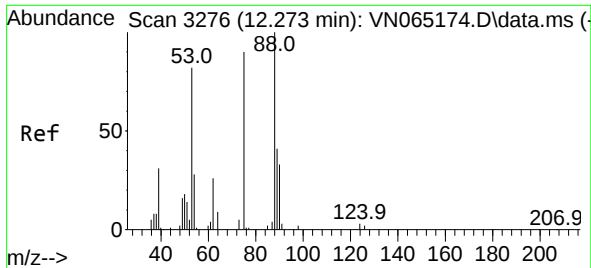
Tgt Ion: 98 Resp: 204234
Ion Ratio Lower Upper
98 100
100 64.4 49.4 74.2



#72
1,2,3-Trichloropropane
Concen: 13.28 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065184.D
Acq: 21 Dec 2020 16:42

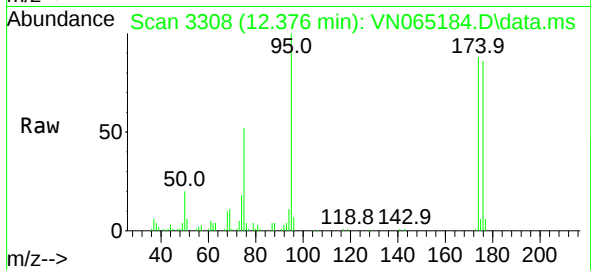
Tgt Ion: 75 Resp: 31270
Ion Ratio Lower Upper
75 100
77 0.8 0.0 379.4





#77
 t-1,4-Dichloro-2-butene
 Concen: 33.81 ug/l
 RT: 12.376 min Scan# 3308
 Delta R.T. 0.103 min
 Lab File: VN065184.D
 Acq: 21 Dec 2020 16:42

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	75	Resp:	31270
Ion	Ratio	Lower	Upper
75	100		
53	0.0	50.3	150.9#
89	0.0	23.3	69.8#

