

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122120\
 Data File : VN065186.D
 Acq On : 21 Dec 2020 17:30
 Operator : JC/MD
 Sample : L5174-01 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 22 05:38:38 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)

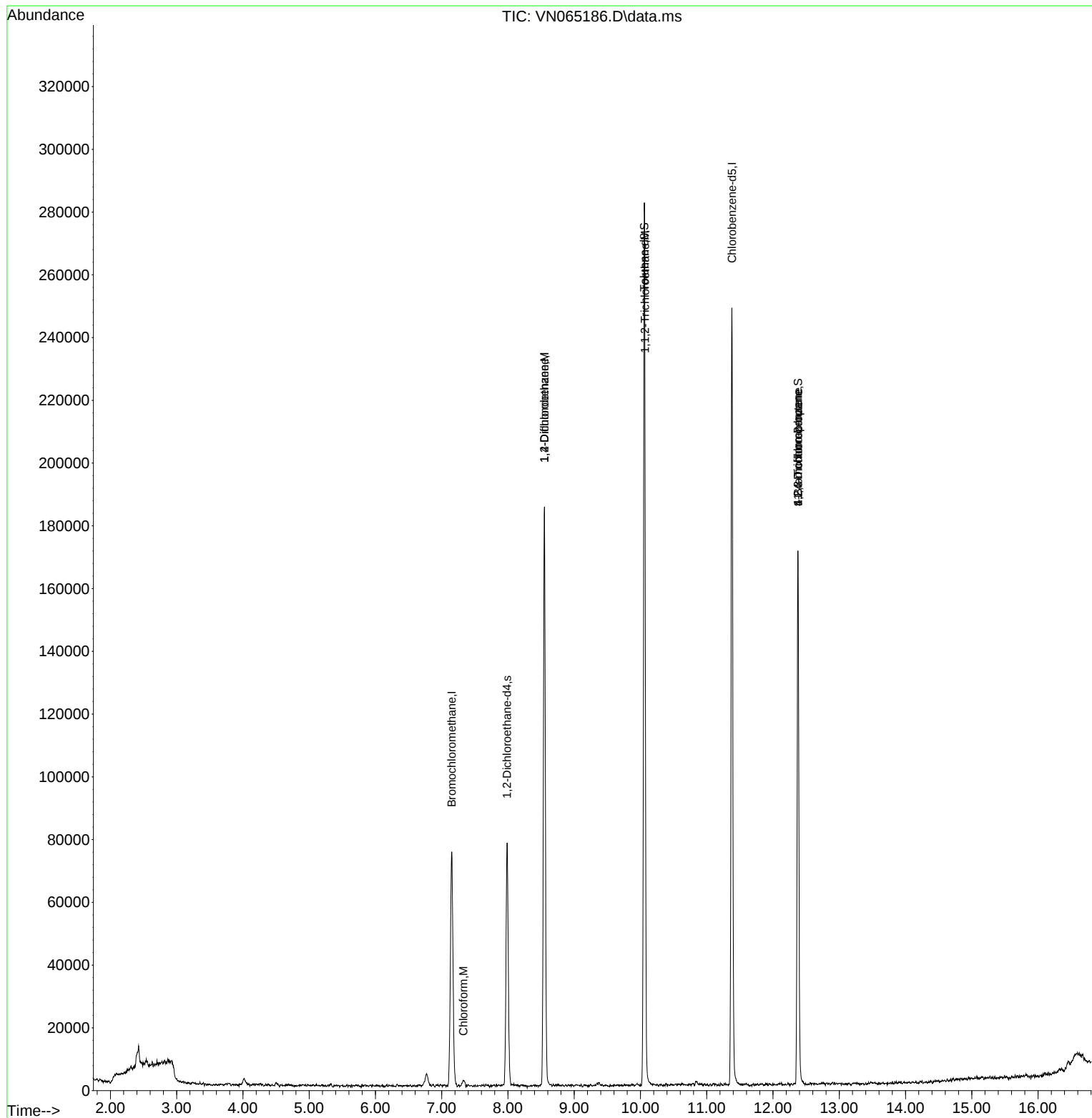
Internal Standards						
1) Bromochloromethane	7.151	128	30539	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.550	114	169636	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.380	117	146968	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.987	65	68897	31.09	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	103.63%	
60) 4-Bromofluorobenzene	12.376	95	60103	25.71	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	85.70%	
63) Toluene-d8	10.058	98	199681	30.63	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	102.10%	
Target Compounds						
25) Chloroform	7.325	83	1172	0.35	ug/l #	73
36) 1,2-Dichloroethane	8.550	62	5561	2.03	ug/l #	80
50) 1,1,2-Trichloroethane	10.068	97	6944	3.79	ug/l #	1
72) 1,2,3-Trichloropropane	12.376	75	30961	13.23	ug/l	1
77) t-1,4-Dichloro-2-butene	12.376	75	30961	33.69	ug/l #	9

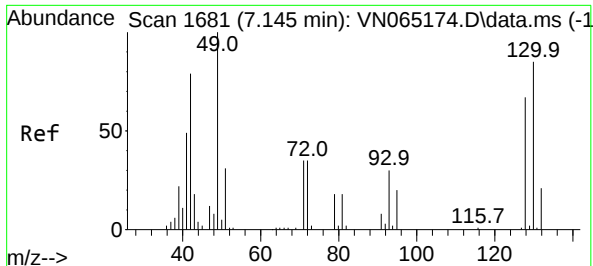
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122120\
Data File : VN065186.D
Acq On : 21 Dec 2020 17:30
Operator : JC/MD
Sample : L5174-01 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 22 05:38:38 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

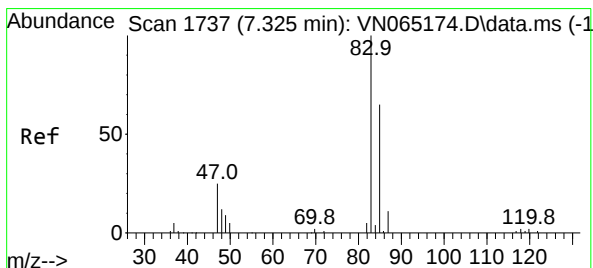
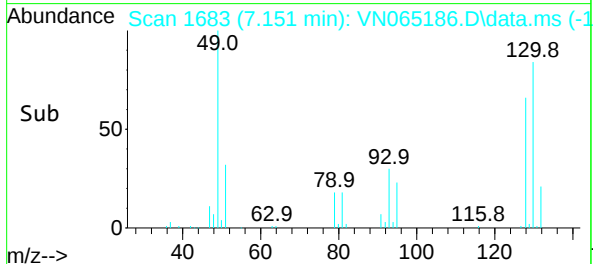
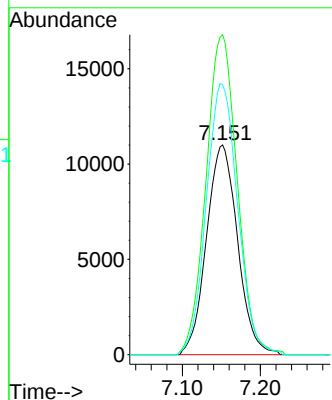
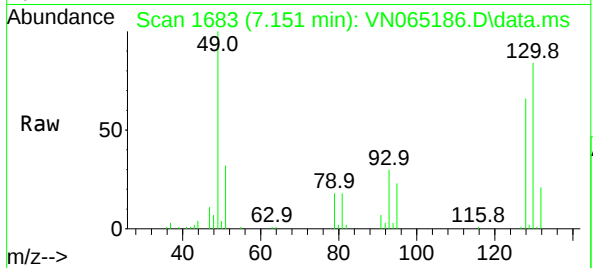




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.151 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN065186.D
Acq: 21 Dec 2020 17:30

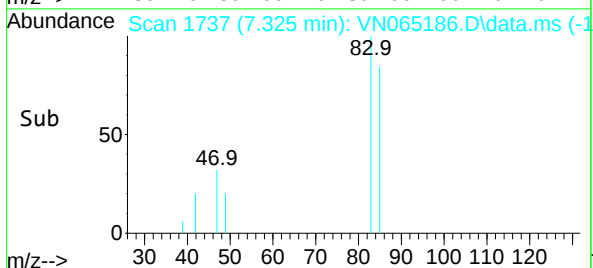
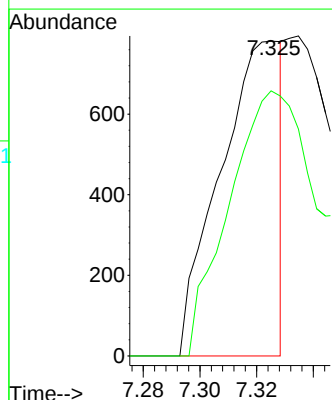
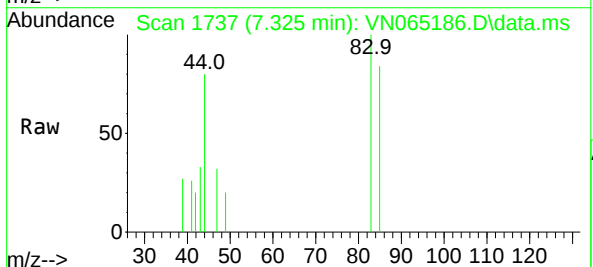
Instrument :
MSVOA_N
ClientSampled :

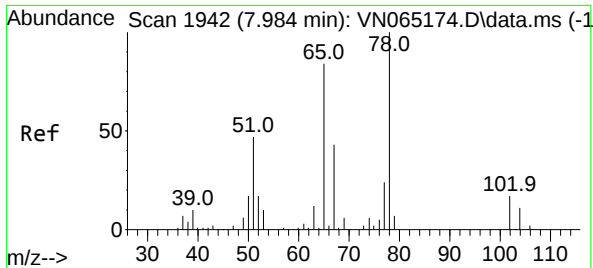
Tgt Ion:128 Resp: 30539
Ion Ratio Lower Upper
128 100
49 153.0 0.0 475.5
130 130.8 0.0 315.3



#25
Chloroform
Concen: 0.35 ug/l
RT: 7.325 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VN065186.D
Acq: 21 Dec 2020 17:30

Tgt Ion: 83 Resp: 1172
Ion Ratio Lower Upper
83 100
85 84.3 50.6 75.8#



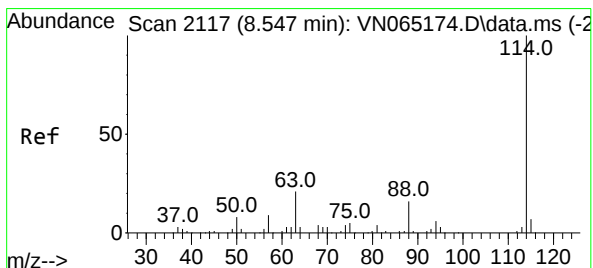
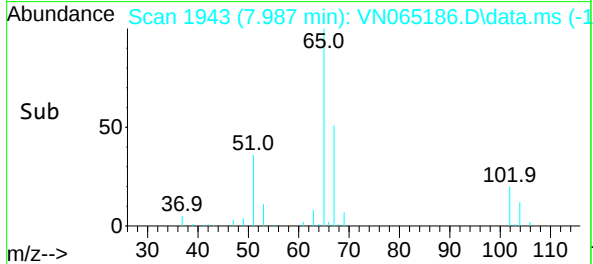
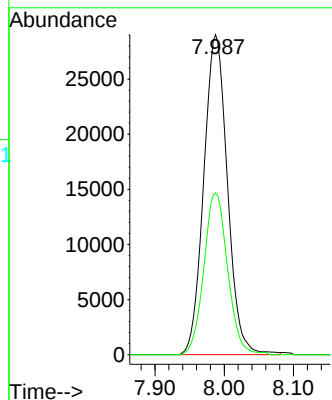
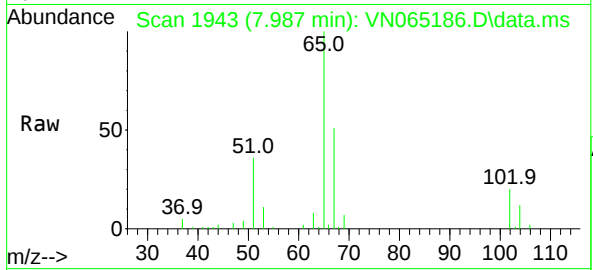


#27

1,2-Dichloroethane-d4
Concen: 31.09 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.003 min
Lab File: VN065186.D
Acq: 21 Dec 2020 17:30

Instrument :
MSVOA_N
ClientSampled :

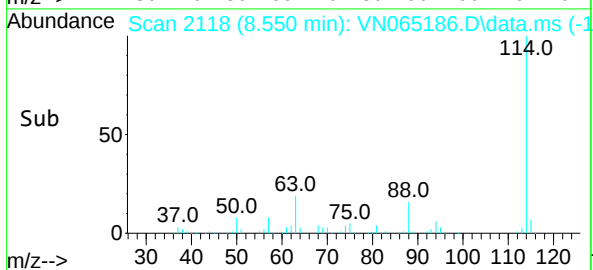
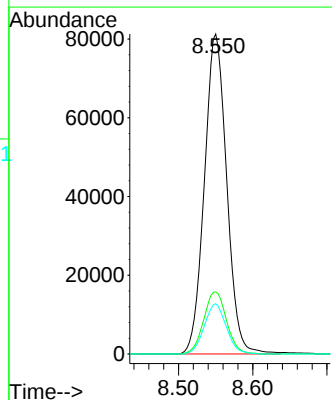
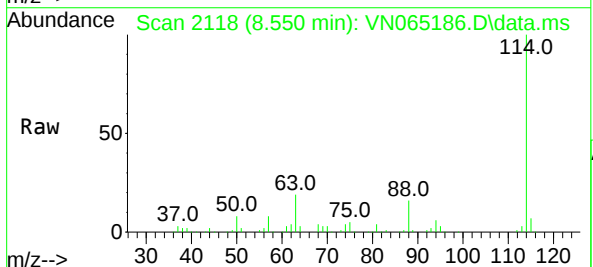
Tgt Ion: 65 Resp: 68897
Ion Ratio Lower Upper
65 100
67 50.8 41.1 61.7

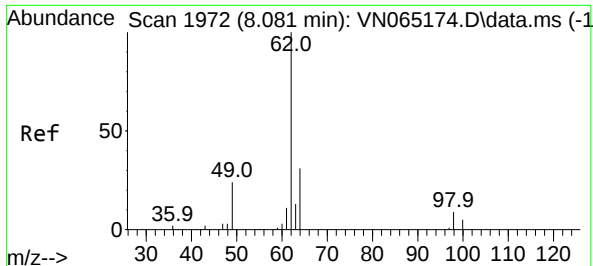


#28

1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.003 min
Lab File: VN065186.D
Acq: 21 Dec 2020 17:30

Tgt Ion: 114 Resp: 169636
Ion Ratio Lower Upper
114 100
63 19.8 18.5 27.7
88 15.4 13.0 19.6

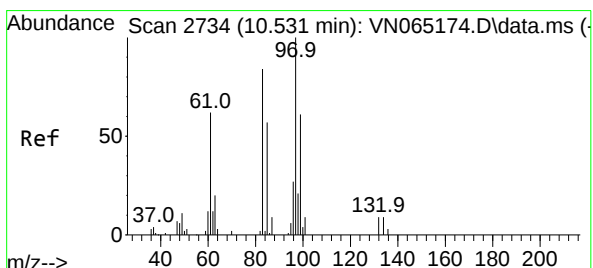
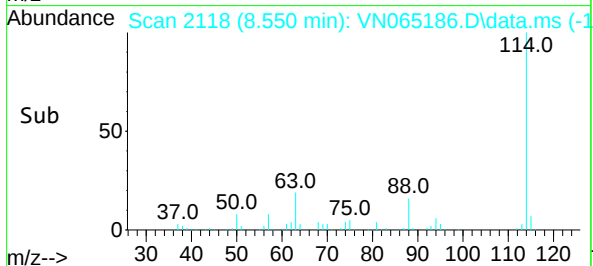
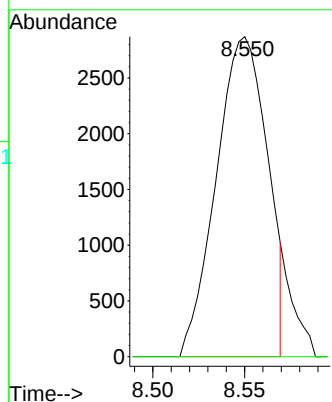
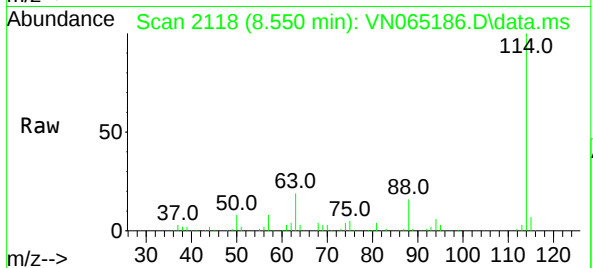




#36
1,2-Dichloroethane
Concen: 2.03 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.469 min
Lab File: VN065186.D
Acq: 21 Dec 2020 17:30

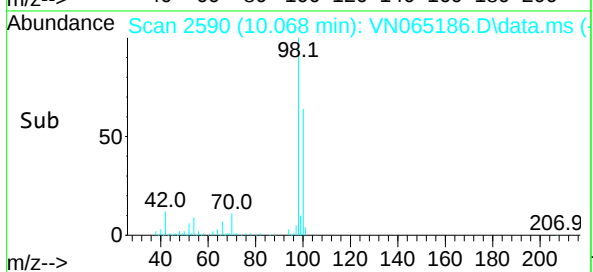
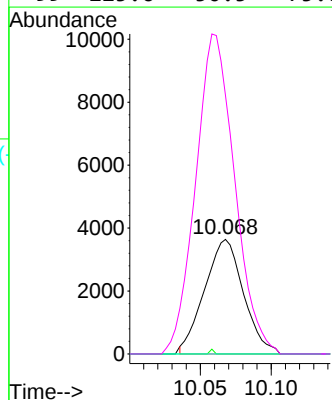
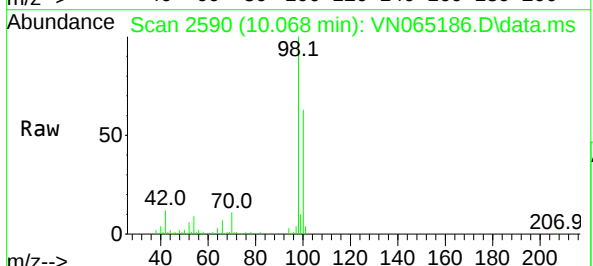
Instrument :
MSVOA_N
ClientSampled :

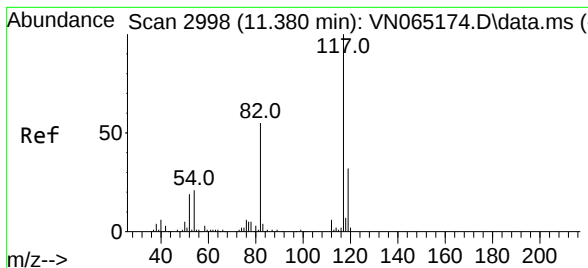
Tgt Ion: 62 Resp: 5561
Ion Ratio Lower Upper
62 100
98 0.0 5.5 8.3#



#50
1,1,2-Trichloroethane
Concen: 3.79 ug/l
RT: 10.068 min Scan# 2590
Delta R.T. -0.463 min
Lab File: VN065186.D
Acq: 21 Dec 2020 17:30

Tgt Ion: 97 Resp: 6944
Ion Ratio Lower Upper
97 100
83 0.0 74.2 111.4#
85 0.0 44.8 67.2#
99 225.6 50.5 75.7#

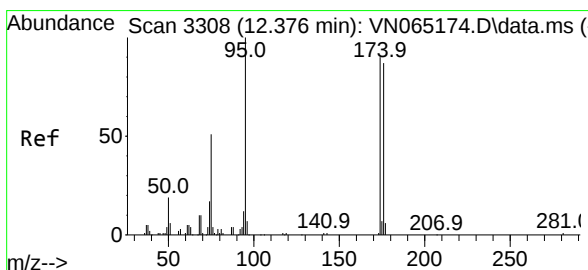
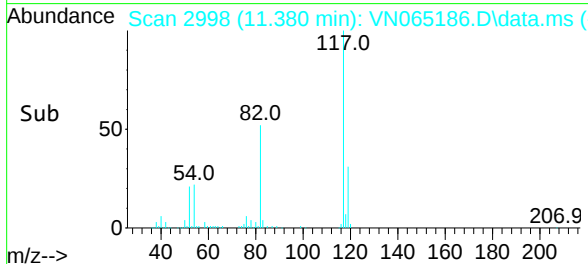
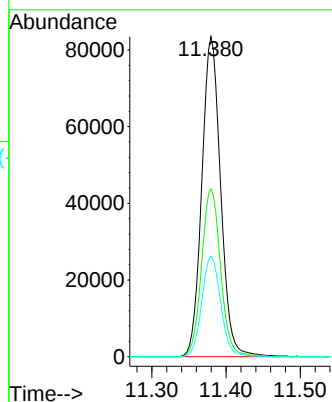
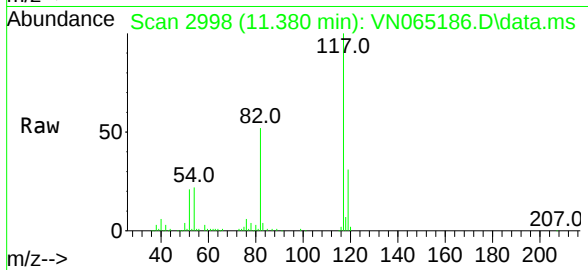




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065186.D
Acq: 21 Dec 2020 17:30

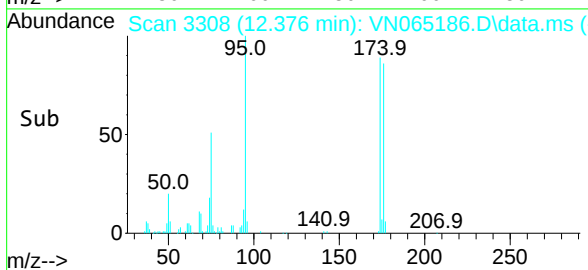
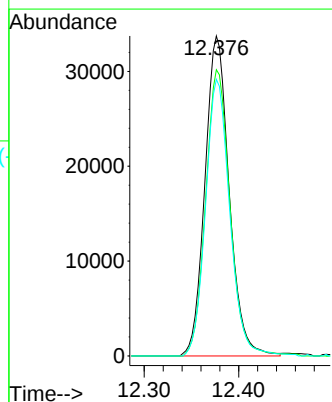
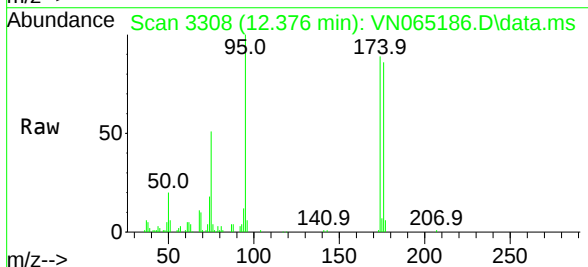
Instrument :
MSVOA_N
ClientSampled :

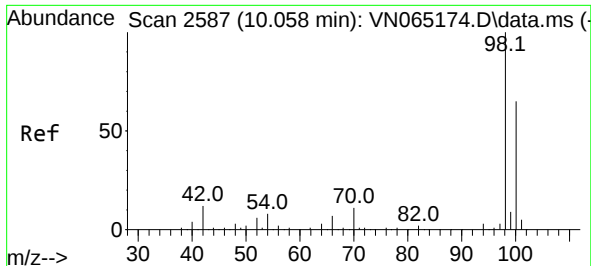
Tgt Ion:117 Resp: 146968
Ion Ratio Lower Upper
117 100
82 53.1 47.8 71.8
119 31.4 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 25.71 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.000 min
Lab File: VN065186.D
Acq: 21 Dec 2020 17:30

Tgt Ion: 95 Resp: 60103
Ion Ratio Lower Upper
95 100
174 90.1 56.4 84.6#
176 86.3 53.3 79.9#

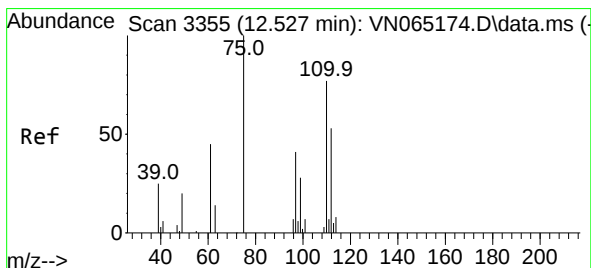
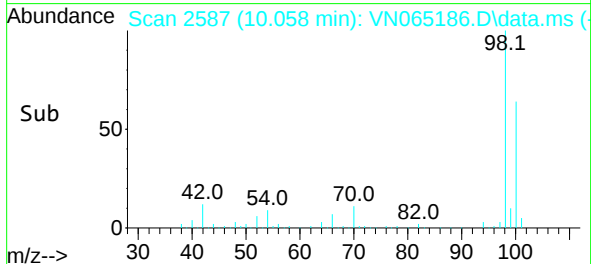
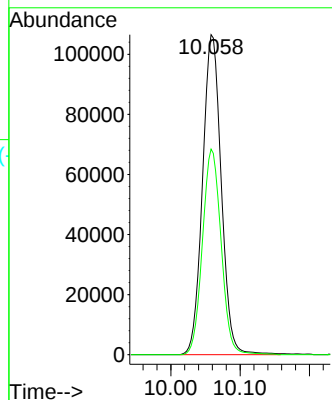
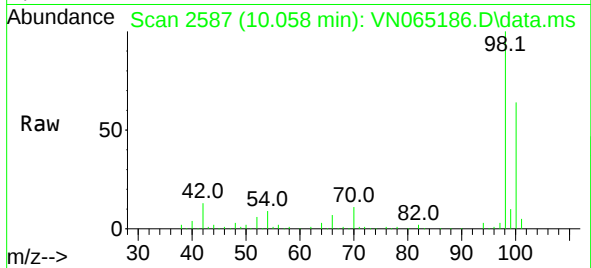




#63
Toluene-d8
Concen: 30.63 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065186.D
Acq: 21 Dec 2020 17:30

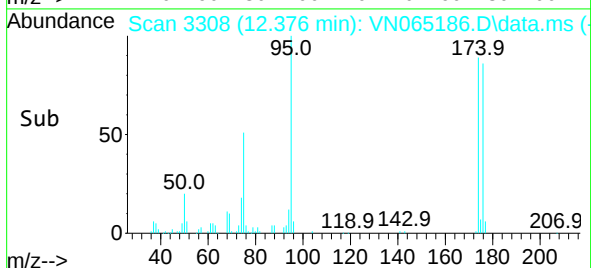
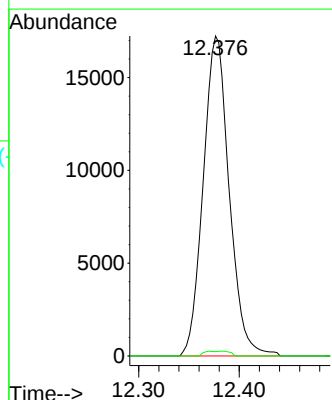
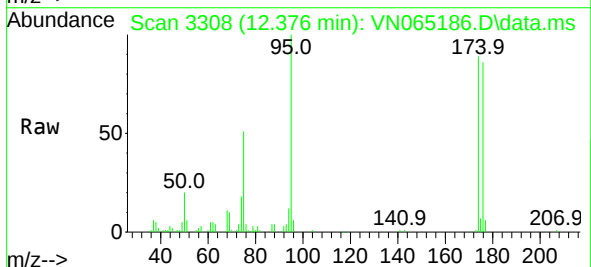
Instrument :
MSVOA_N
ClientSampled :

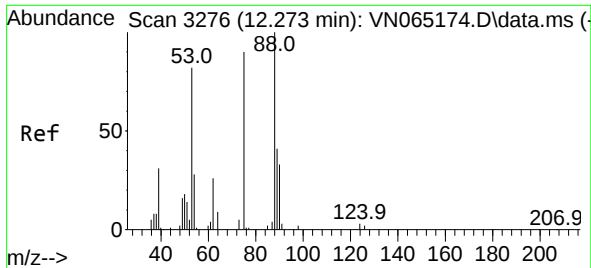
Tgt Ion: 98 Resp: 199681
Ion Ratio Lower Upper
98 100
100 64.0 49.4 74.2



#72
1,2,3-Trichloropropane
Concen: 13.23 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065186.D
Acq: 21 Dec 2020 17:30

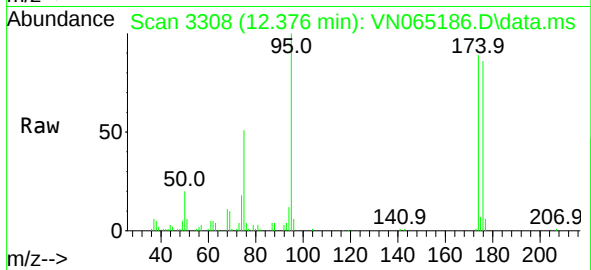
Tgt Ion: 75 Resp: 30961
Ion Ratio Lower Upper
75 100
77 0.7 0.0 379.4





#77
 t-1,4-Dichloro-2-butene
 Concen: 33.69 ug/l
 RT: 12.376 min Scan# 3308
 Delta R.T. 0.103 min
 Lab File: VN065186.D
 Acq: 21 Dec 2020 17:30

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	75	Resp:	30961
Ion	Ratio	Lower	Upper
75	100		
53	0.0	50.3	150.9#
89	0.0	23.3	69.8#

