

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121520\
 Data File : VN065147.D
 Acq On : 15 Dec 2020 17:19
 Operator : JC/MD
 Sample : VN1215WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 16 07:16:59 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Dec 15 15:18:54 2020
 Response via : Initial Calibration

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

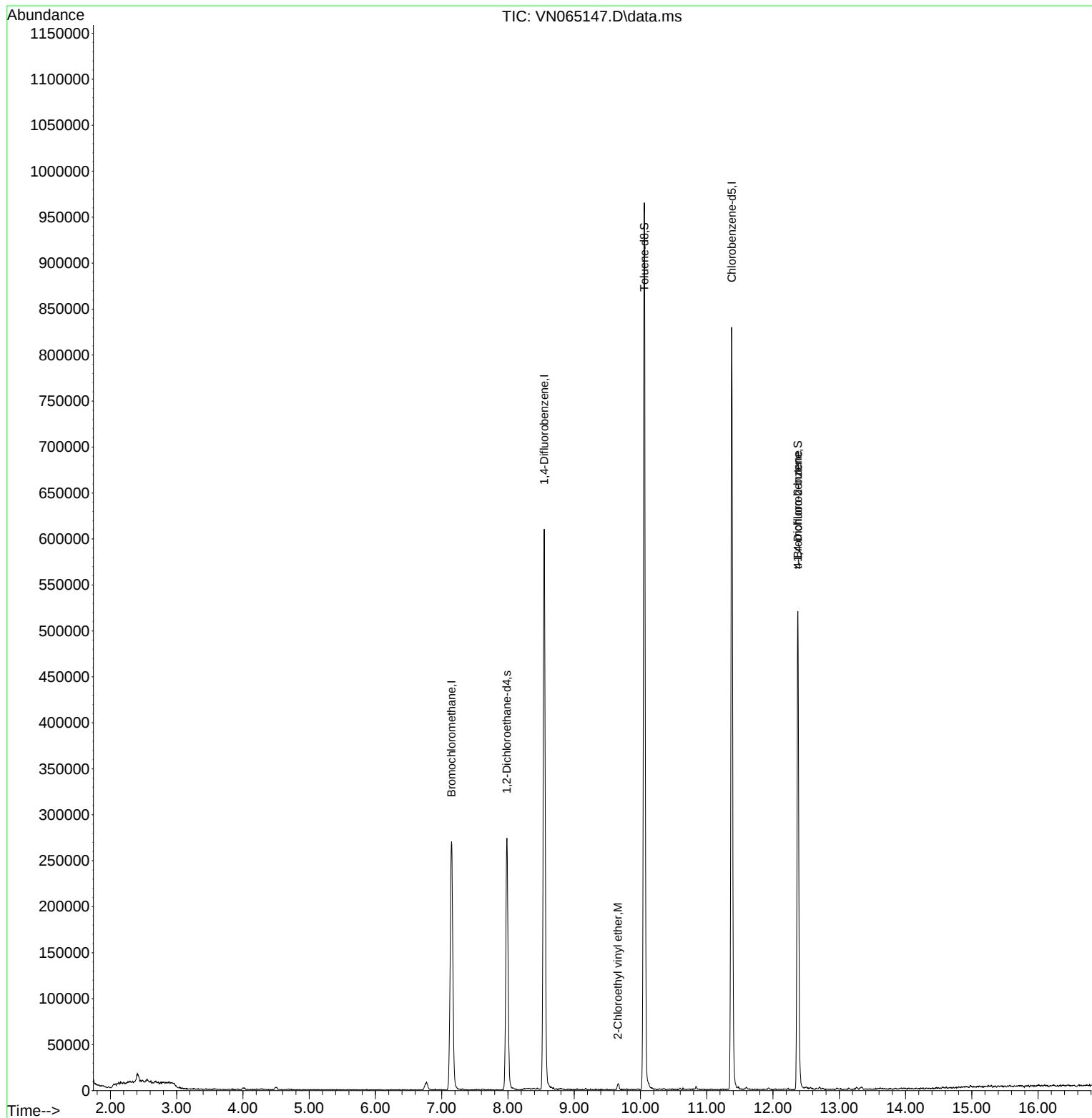
Internal Standards						
1) Bromochloromethane	7.148	128	114275	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.547	114	566179	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.376	117	507705	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.984	65	239062	30.56	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.87%
60) 4-Bromofluorobenzene	12.373	95	195035	24.45	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	81.50%
63) Toluene-d8	10.058	98	702481	28.66	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.53%
Target Compounds						
55) 2-Chloroethyl vinyl ether	9.659	63	3145	0.70	ug/l	Qvalue 95
77) t-1,4-Dichloro-2-butene	12.373	75	93794	33.36	ug/l	# 9

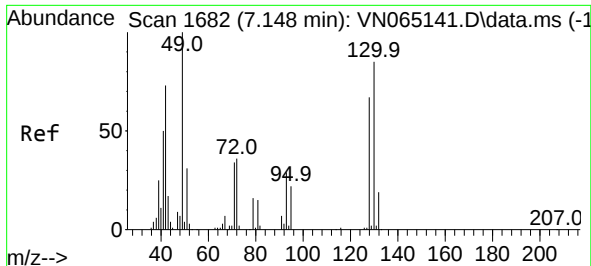
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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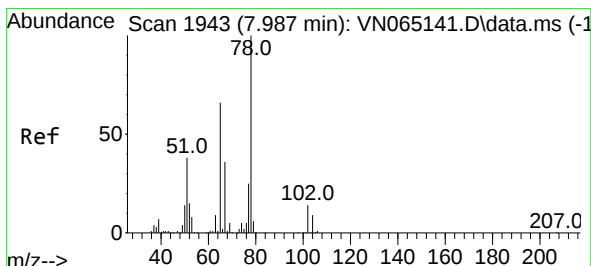
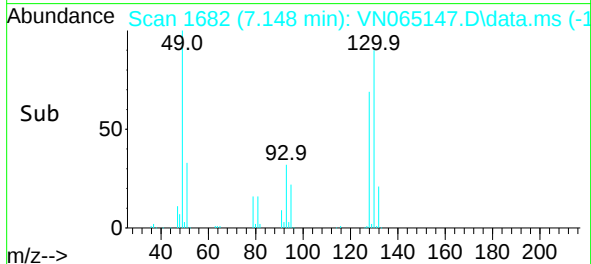
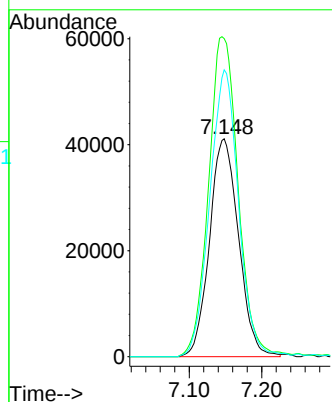
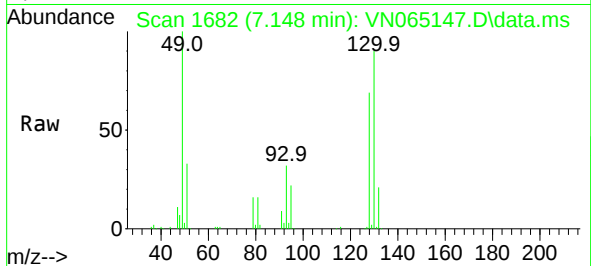




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.148 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN065147.D
Acq: 15 Dec 2020 17:19

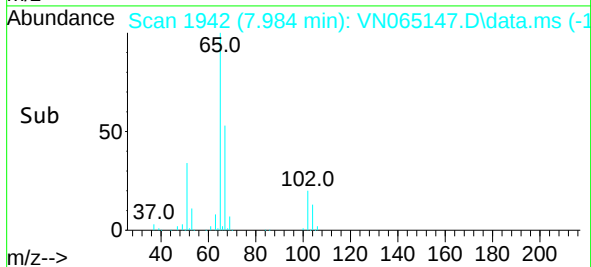
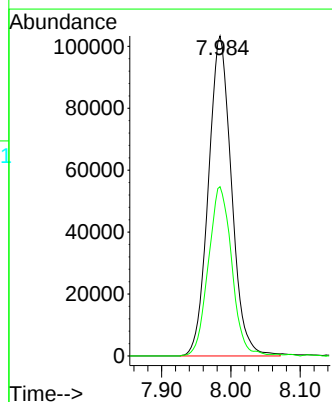
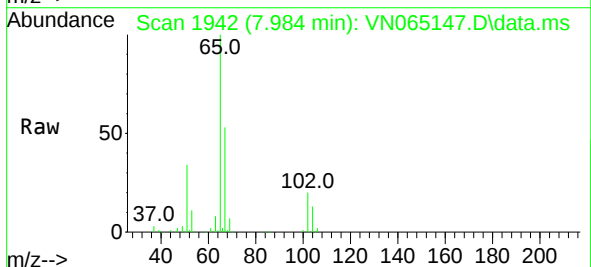
Instrument :
MSVOA_N
ClientSampled :

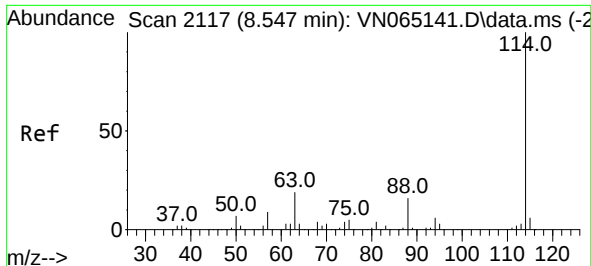
Tgt Ion:128 Resp: 114275
Ion Ratio Lower Upper
128 100
49 148.4 0.0 475.5
130 130.4 0.0 315.3



#27
1,2-Dichloroethane-d4
Concen: 30.56 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065147.D
Acq: 15 Dec 2020 17:19

Tgt Ion: 65 Resp: 239062
Ion Ratio Lower Upper
65 100
67 53.0 41.1 61.7

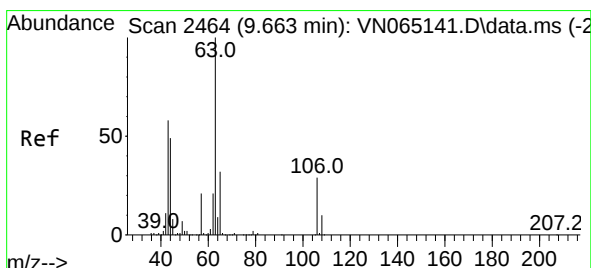
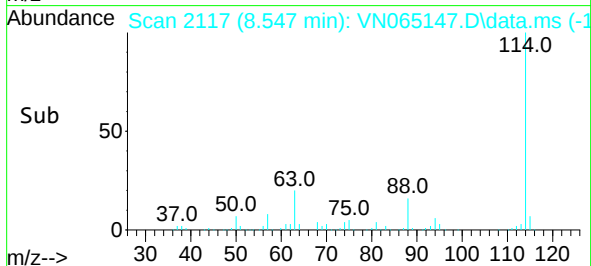
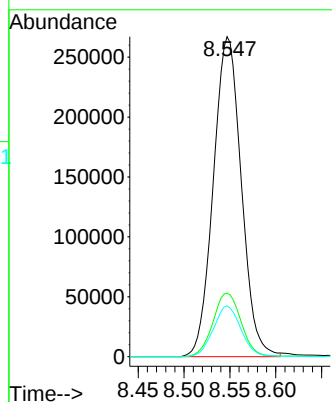
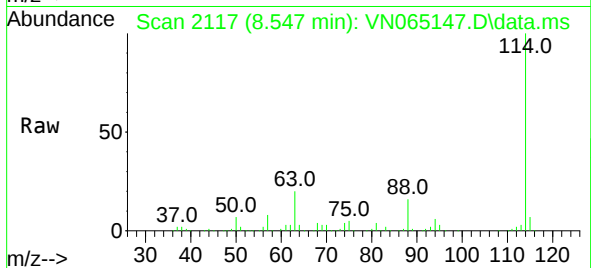




#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.547 min Scan# 2117
 Delta R.T. 0.000 min
 Lab File: VN065147.D
 Acq: 15 Dec 2020 17:19

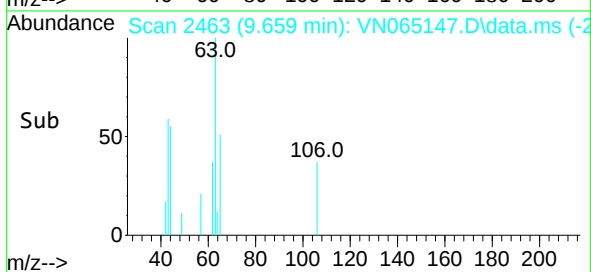
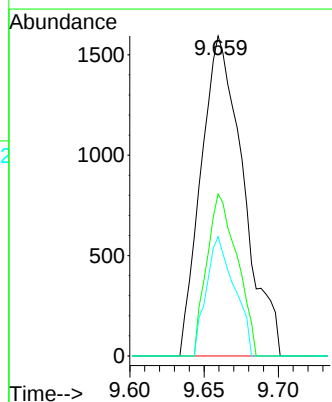
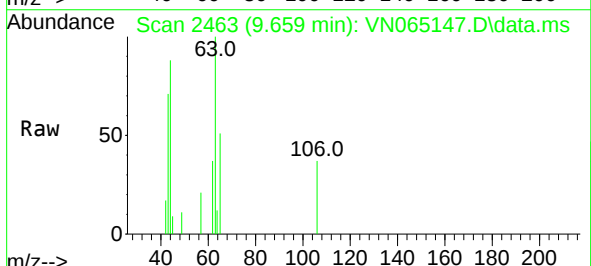
Instrument :
 MSVOA_N
 ClientSampleId :

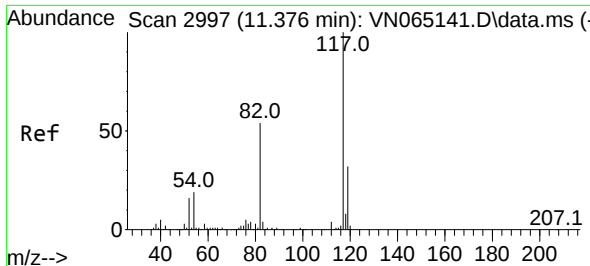
Tgt Ion:114 Resp: 566179
 Ion Ratio Lower Upper
 114 100
 63 20.0 18.5 27.7
 88 15.7 13.0 19.6



#55
 2-Chloroethyl vinyl ether
 Concen: 0.70 ug/l
 RT: 9.659 min Scan# 2463
 Delta R.T. -0.003 min
 Lab File: VN065147.D
 Acq: 15 Dec 2020 17:19

Tgt Ion: 63 Resp: 3145
 Ion Ratio Lower Upper
 63 100
 65 36.4 25.7 38.5
 106 24.7 19.9 29.9

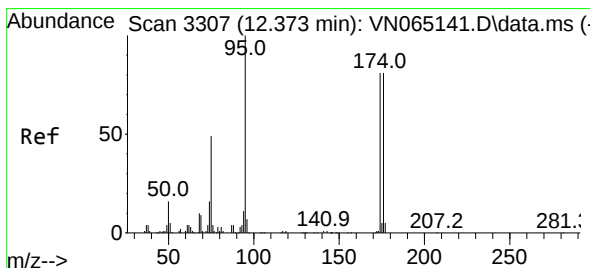
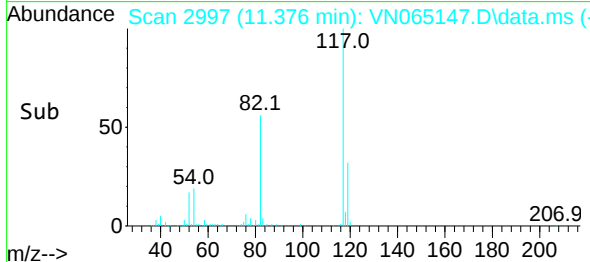
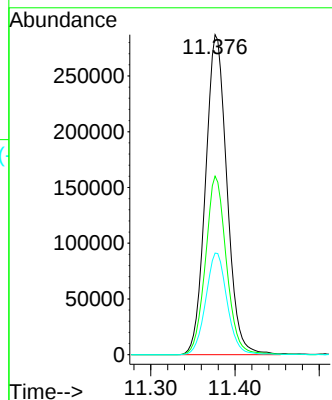
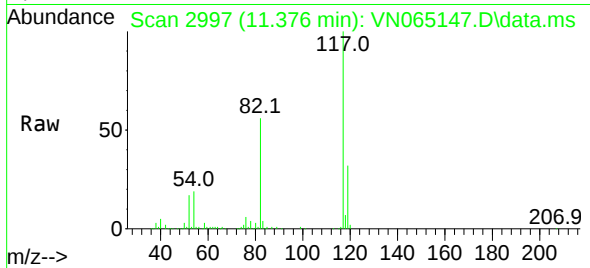




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065147.D
Acq: 15 Dec 2020 17:19

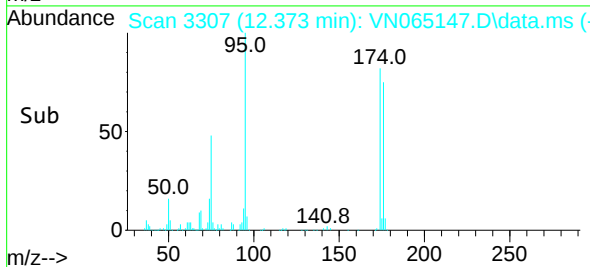
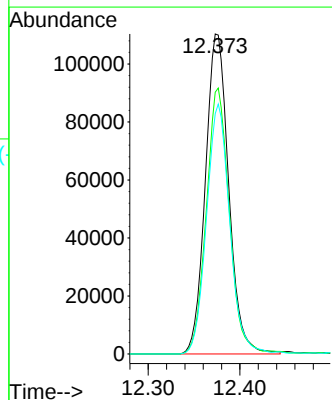
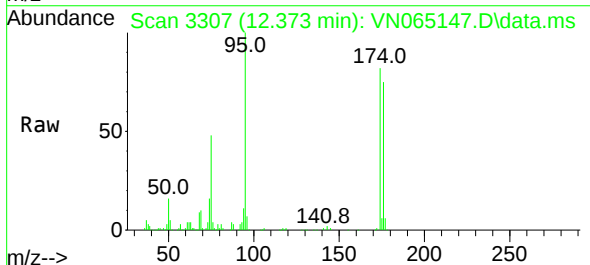
Instrument :
MSVOA_N
ClientSampleId :

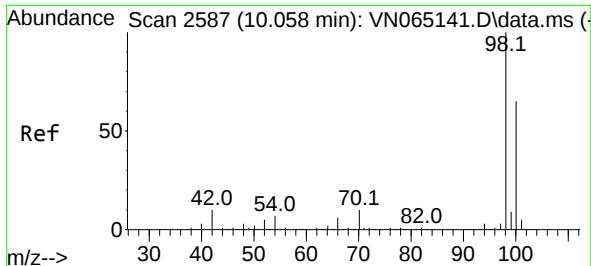
Tgt Ion:117 Resp: 507705
Ion Ratio Lower Upper
117 100
82 54.6 47.8 71.8
119 31.7 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 24.45 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065147.D
Acq: 15 Dec 2020 17:19

Tgt Ion: 95 Resp: 195035
Ion Ratio Lower Upper
95 100
174 81.8 56.4 84.6
176 77.5 53.3 79.9

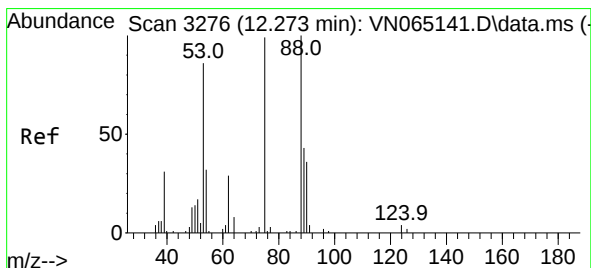
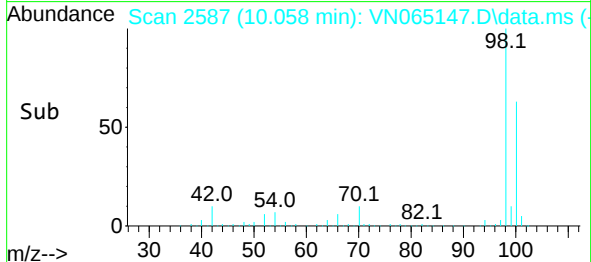
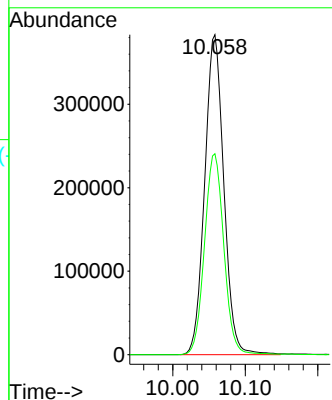
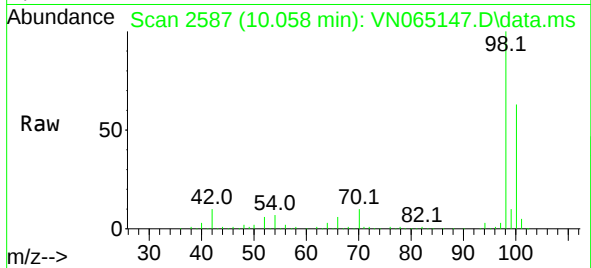




#63
Toluene-d8
Concen: 28.66 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065147.D
Acq: 15 Dec 2020 17:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 702481
Ion Ratio Lower Upper
98 100
100 63.4 49.4 74.2



#77
t-1,4-Dichloro-2-butene
Concen: 33.36 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.100 min
Lab File: VN065147.D
Acq: 15 Dec 2020 17:19

Tgt Ion: 75 Resp: 93794
Ion Ratio Lower Upper
75 100
53 0.0 50.3 150.9#
89 0.0 23.3 69.8#

