

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121520\
 Data File : VN065151.D
 Acq On : 15 Dec 2020 18:58
 Operator : JC/MD
 Sample : L5051-02 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 16 07:18:52 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)

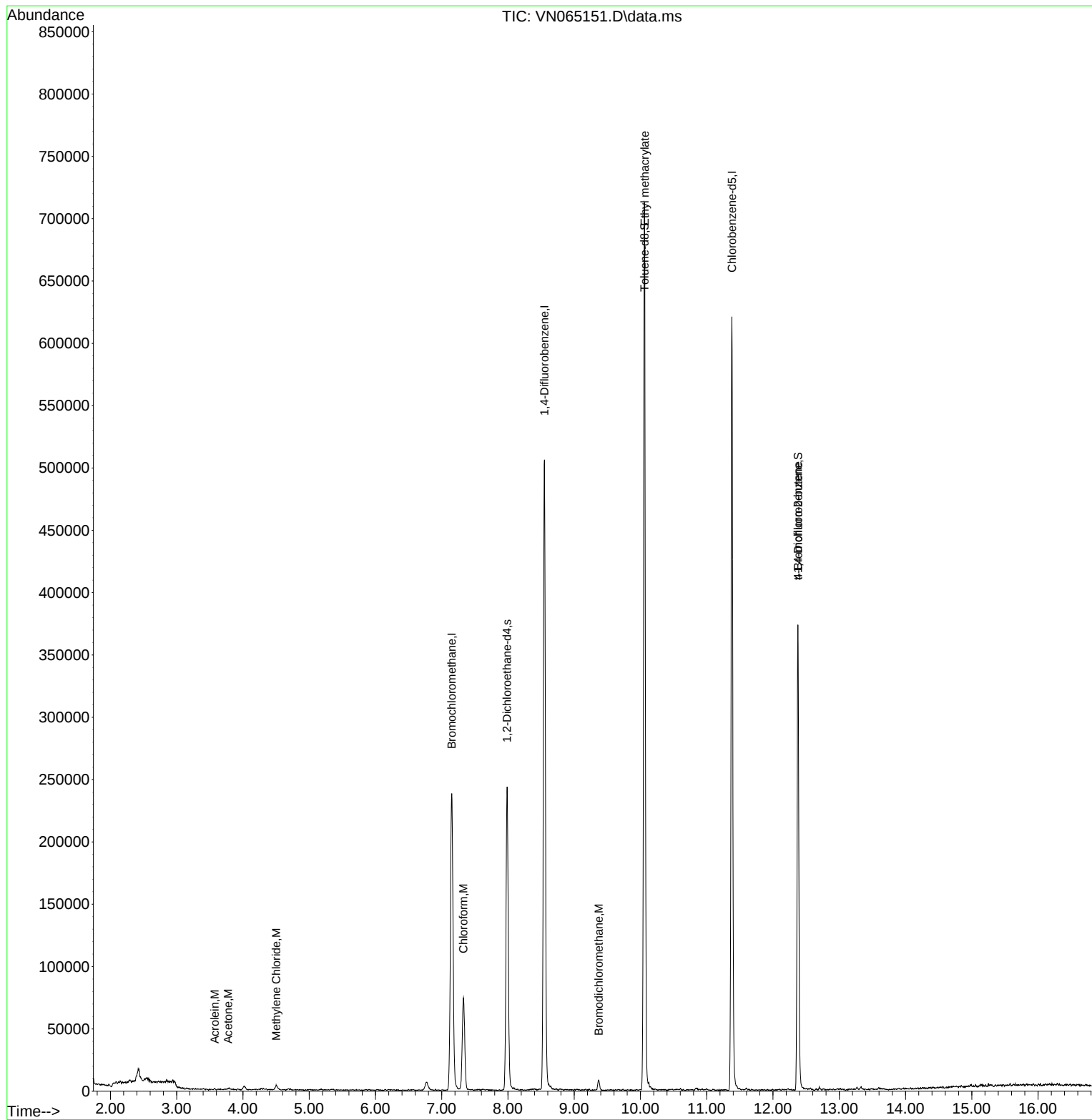
Internal Standards						
1) Bromochloromethane	7.151	128	102198	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.550	114	469312	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.380	117	360056	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.987	65	208762	29.84	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.47%
60) 4-Bromofluorobenzene	12.376	95	130714	23.11	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	77.03%
63) Toluene-d8	10.061	98	505657	29.09	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.97%
Target Compounds						
					Qvalue	
13) Acrolein	3.573	56	364	0.52	ug/l #	69
15) Acetone	3.775	58	193	0.25	ug/l #	1
18) Methylene Chloride	4.502	84	1979	0.31	ug/l #	76
25) Chloroform	7.328	83	77959	7.03	ug/l	97
41) Bromodichloromethane	9.370	83	5773	0.68	ug/l #	80
51) Ethyl methacrylate	10.065	69	2203	0.30	ug/l #	62
77) t-1,4-Dichloro-2-butene	12.376	75	67603	33.91	ug/l #	9

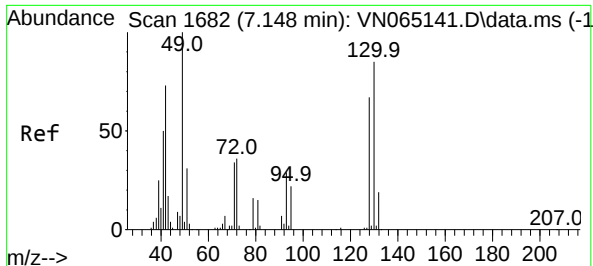
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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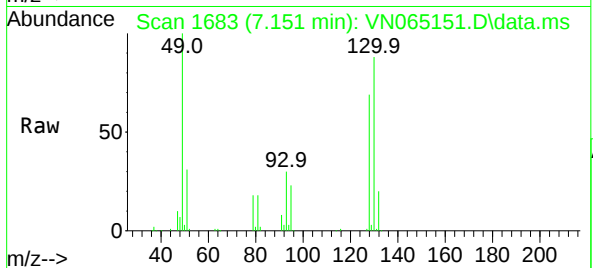
Quant Time: Dec 16 07:18:52 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Dec 15 15:18:54 2020
Response via : Initial Calibration



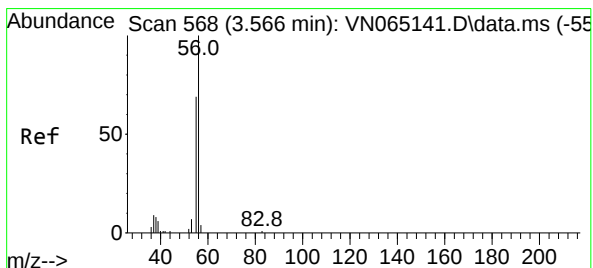
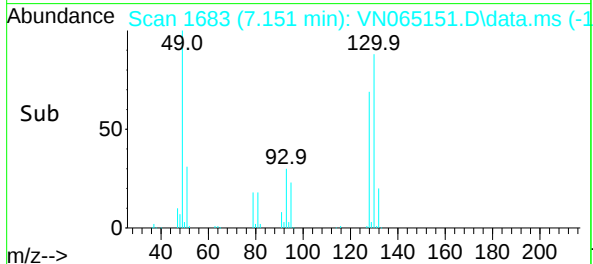
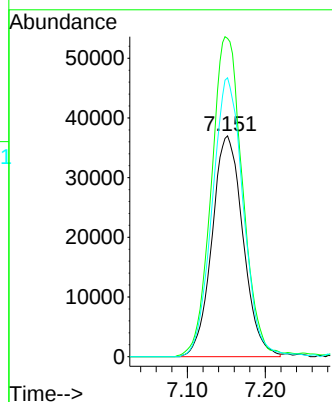


#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.151 min Scan# 1683
Delta R.T. 0.003 min
Lab File: VN065151.D
Acq: 15 Dec 2020 18:58

Instrument :
MSVOA_N
ClientSampled :

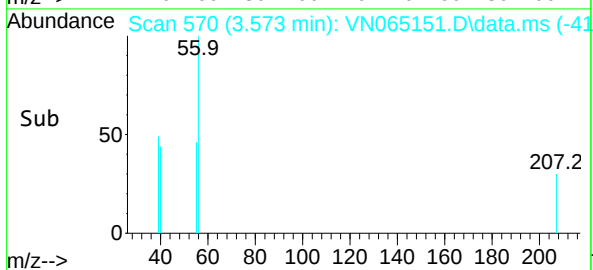
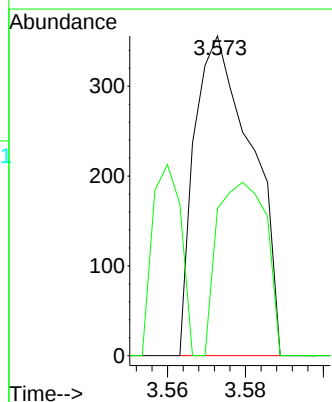
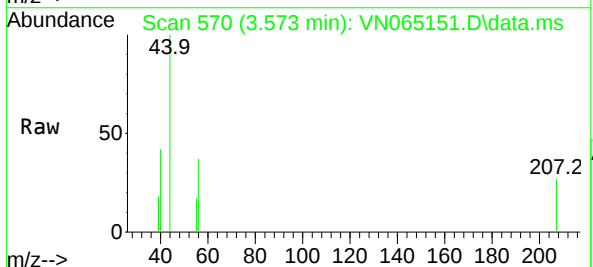


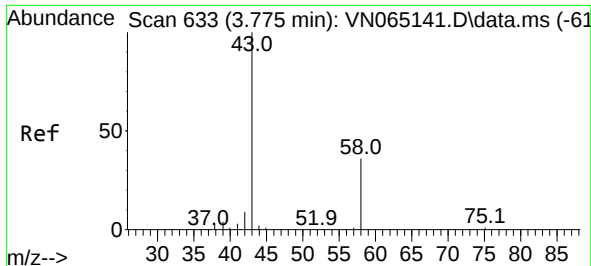
Tgt Ion:128 Resp: 102198
Ion Ratio Lower Upper
128 100
49 145.0 0.0 475.5
130 126.4 0.0 315.3



#13
Acrolein
Concen: 0.52 ug/l
RT: 3.573 min Scan# 570
Delta R.T. 0.006 min
Lab File: VN065151.D
Acq: 15 Dec 2020 18:58

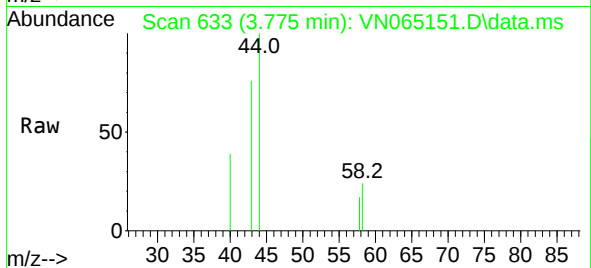
Tgt Ion: 56 Resp: 364
Ion Ratio Lower Upper
56 100
55 46.4 58.2 87.2#



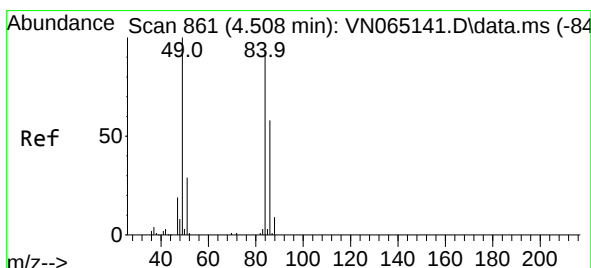
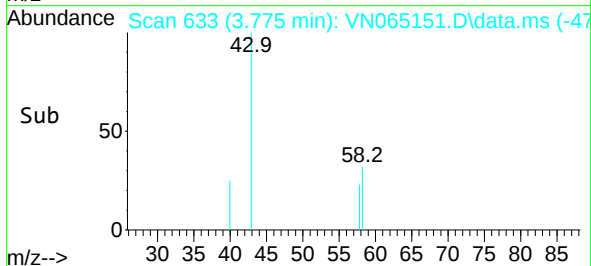


#15
Acetone
Concen: 0.25 ug/l
RT: 3.775 min Scan# 633
Delta R.T. 0.000 min
Lab File: VN065151.D
Acq: 15 Dec 2020 18:58

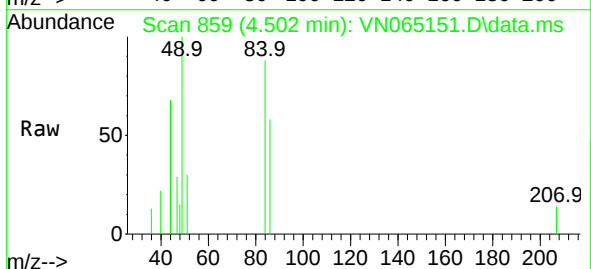
Instrument :
MSVOA_N
ClientSampleId :



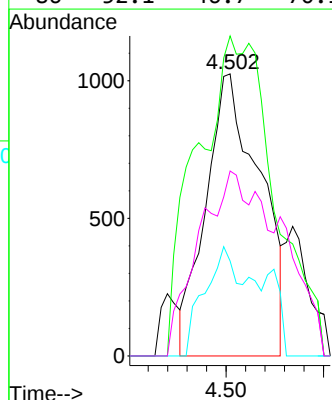
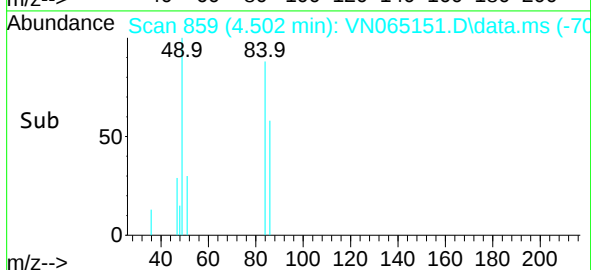
Tgt Ion: 58 Resp: 193
Ion Ratio Lower Upper
58 100
43 61.9 289.8 434.8#

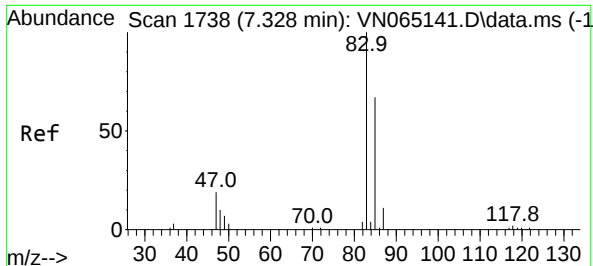


#18
Methylene Chloride
Concen: 0.31 ug/l
RT: 4.502 min Scan# 859
Delta R.T. -0.006 min
Lab File: VN065151.D
Acq: 15 Dec 2020 18:58



Tgt Ion: 84 Resp: 1979
Ion Ratio Lower Upper
84 100
49 84.0 102.1 153.1#
51 40.2 32.6 48.8
86 52.1 46.7 70.1

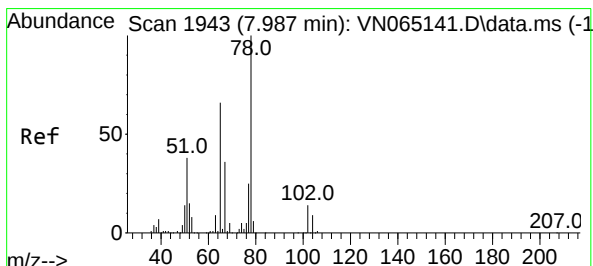
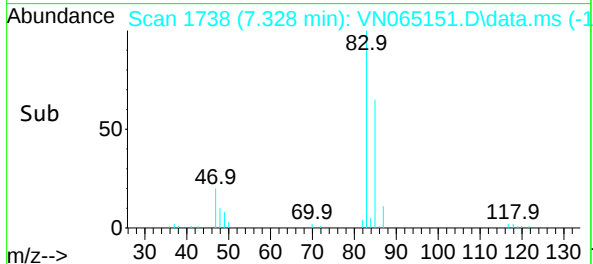
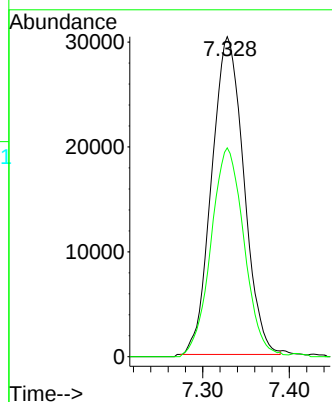
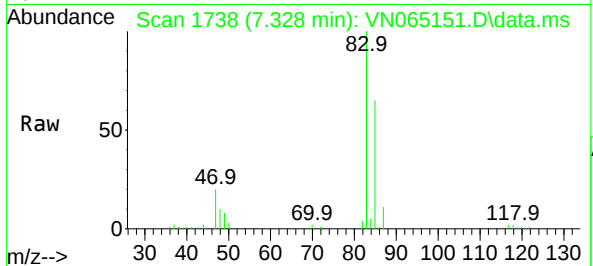




#25
Chloroform
Concen: 7.03 ug/l
RT: 7.328 min Scan# 1738
Delta R.T. 0.000 min
Lab File: VN065151.D
Acq: 15 Dec 2020 18:58

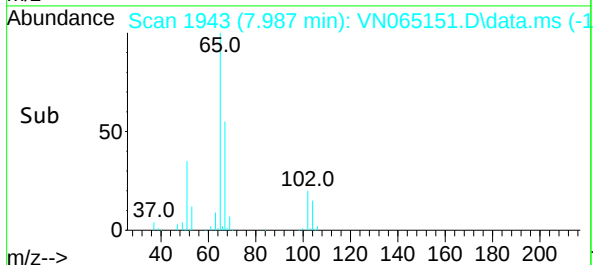
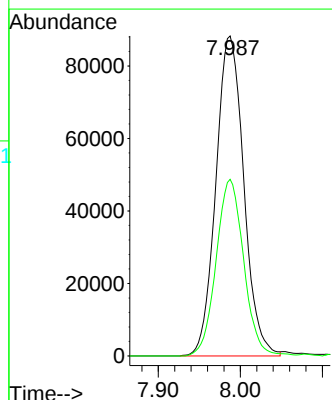
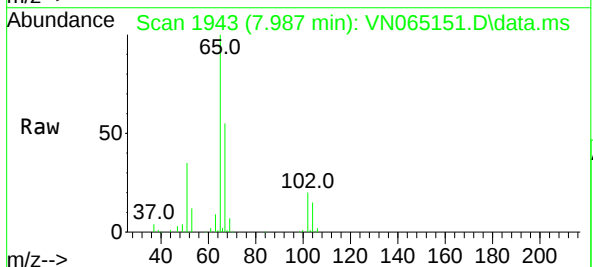
Instrument :
MSVOA_N
ClientSampled :

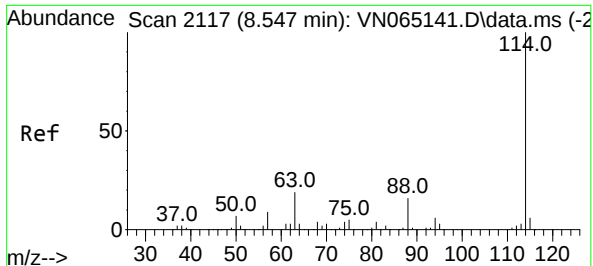
Tgt Ion: 83 Resp: 77959
Ion Ratio Lower Upper
83 100
85 65.7 50.6 75.8



#27
1,2-Dichloroethane-d4
Concen: 29.84 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065151.D
Acq: 15 Dec 2020 18:58

Tgt Ion: 65 Resp: 208762
Ion Ratio Lower Upper
65 100
67 54.3 41.1 61.7

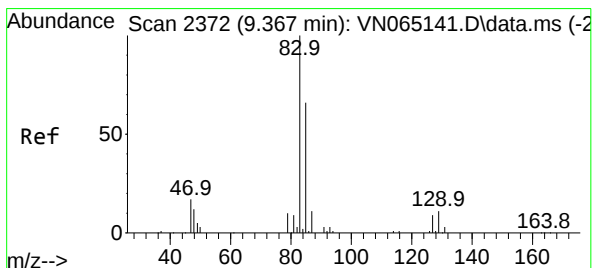
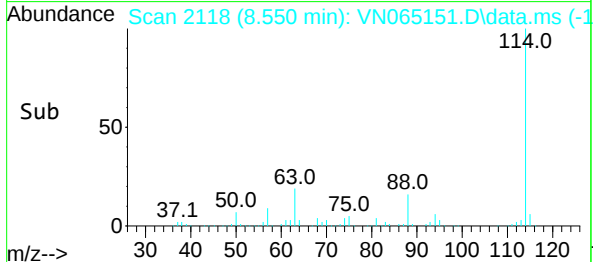
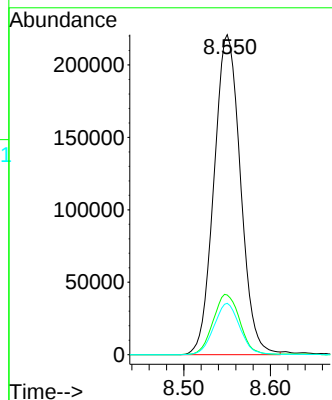
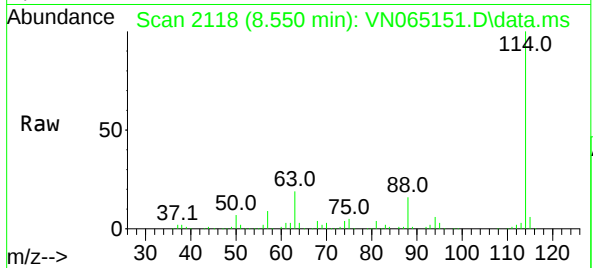




#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.003 min
Lab File: VN065151.D
Acq: 15 Dec 2020 18:58

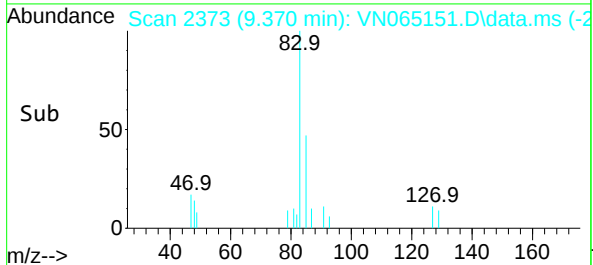
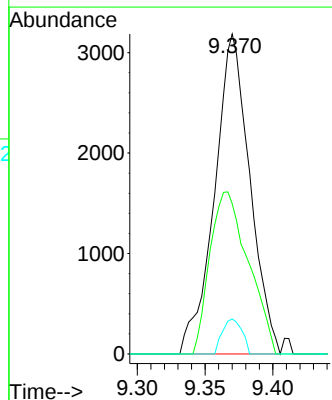
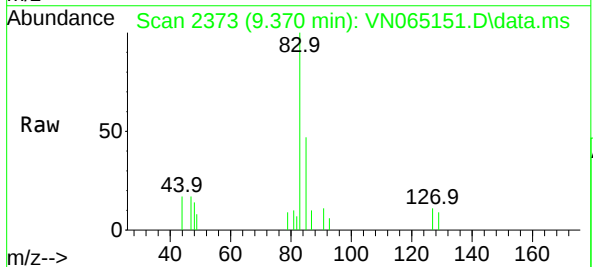
Instrument :
MSVOA_N
ClientSampled :

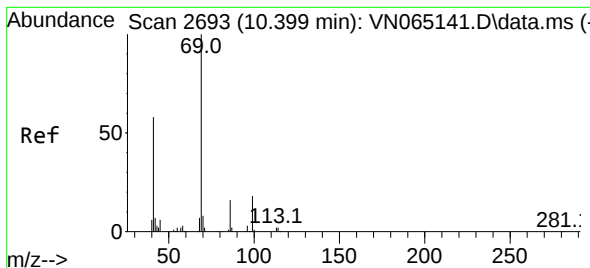
Tgt Ion:114 Resp: 469312
Ion Ratio Lower Upper
114 100
63 18.6 18.5 27.7
88 15.7 13.0 19.6



#41
Bromodichloromethane
Concen: 0.68 ug/l
RT: 9.370 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VN065151.D
Acq: 15 Dec 2020 18:58

Tgt Ion: 83 Resp: 5773
Ion Ratio Lower Upper
83 100
85 47.0 51.0 76.4#
127 11.0 6.2 9.4#

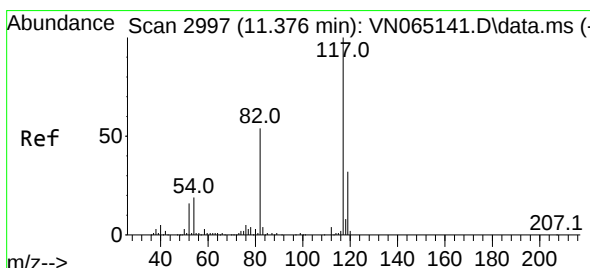
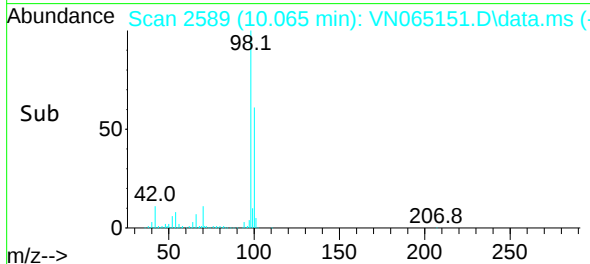
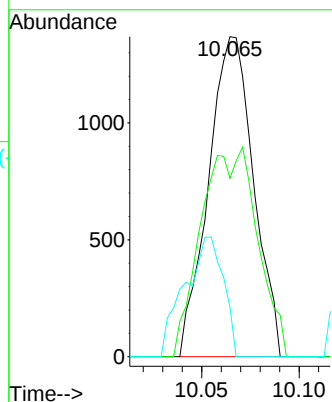
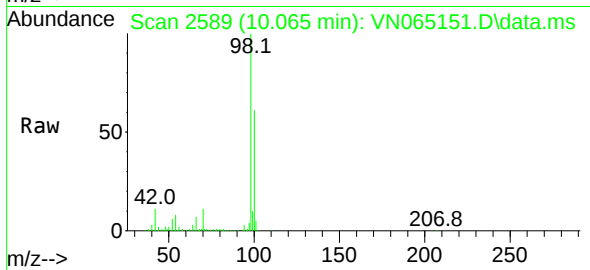




#51
Ethyl methacrylate
Concen: 0.30 ug/l
RT: 10.065 min Scan# 2589
Delta R.T. -0.334 min
Lab File: VN065151.D
Acq: 15 Dec 2020 18:58

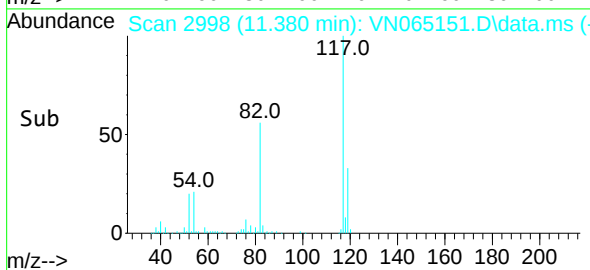
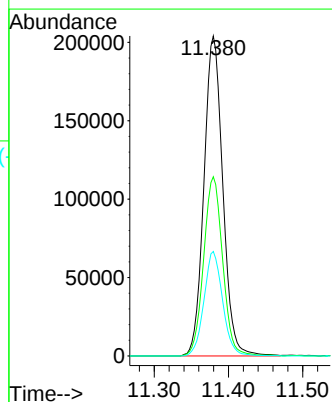
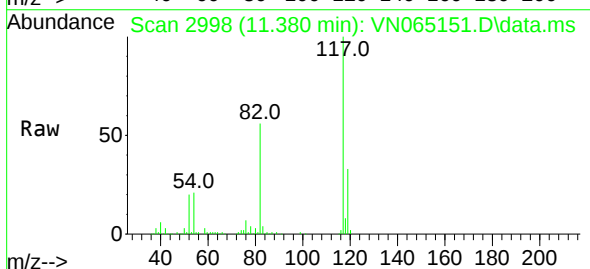
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MSVOA_N
ClientSampleId :

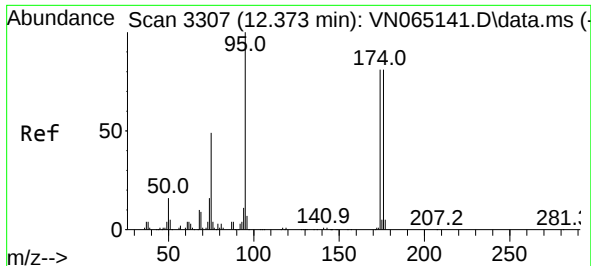
Tgt Ion: 69 Resp: 2203
Ion Ratio Lower Upper
69 100
41 44.6 35.4 106.1
39 15.5 24.1 72.2#



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.003 min
Lab File: VN065151.D
Acq: 15 Dec 2020 18:58

Tgt Ion: 117 Resp: 360056
Ion Ratio Lower Upper
117 100
82 56.3 47.8 71.8
119 32.3 25.7 38.5

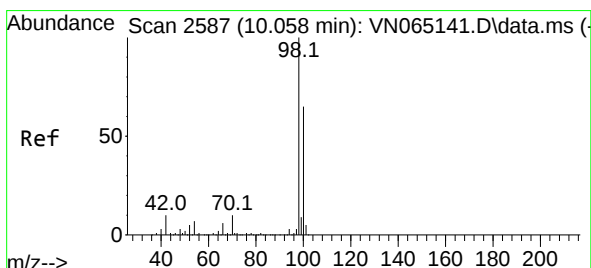
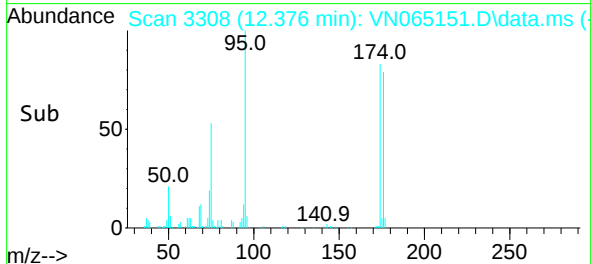
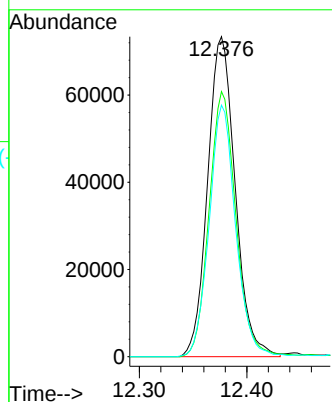
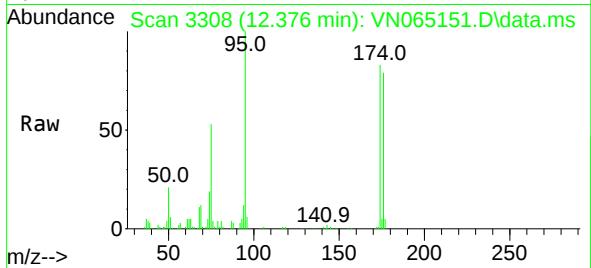




#60
4-Bromofluorobenzene
Concen: 23.11 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.003 min
Lab File: VN065151.D
Acq: 15 Dec 2020 18:58

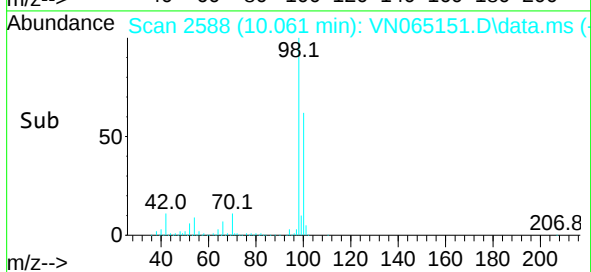
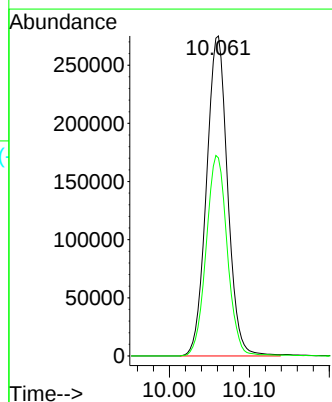
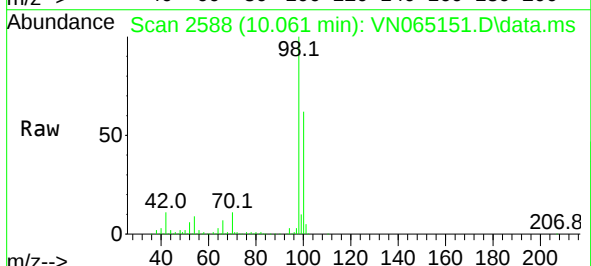
Instrument :
MSVOA_N
ClientSampleId :

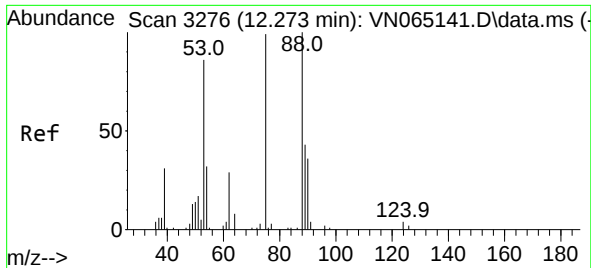
Tgt Ion: 95 Resp: 130714
Ion Ratio Lower Upper
95 100
174 80.8 56.4 84.6
176 75.3 53.3 79.9



#63
Toluene-d8
Concen: 29.09 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065151.D
Acq: 15 Dec 2020 18:58

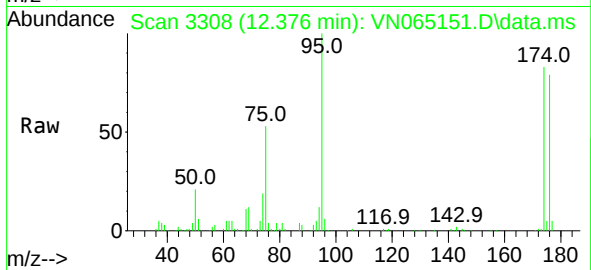
Tgt Ion: 98 Resp: 505657
Ion Ratio Lower Upper
98 100
100 62.4 49.4 74.2





#77
t-1,4-Dichloro-2-butene
Concen: 33.91 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065151.D
Acq: 15 Dec 2020 18:58

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	75	Resp:	67603
Ion	Ratio	Lower	Upper
75	100		
53	0.0	50.3	150.9#
89	0.0	23.3	69.8#

