

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122120\
 Data File : VN065189.D
 Acq On : 21 Dec 2020 18:41
 Operator : JC/MD
 Sample : L5174-04 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 22 05:39:25 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)

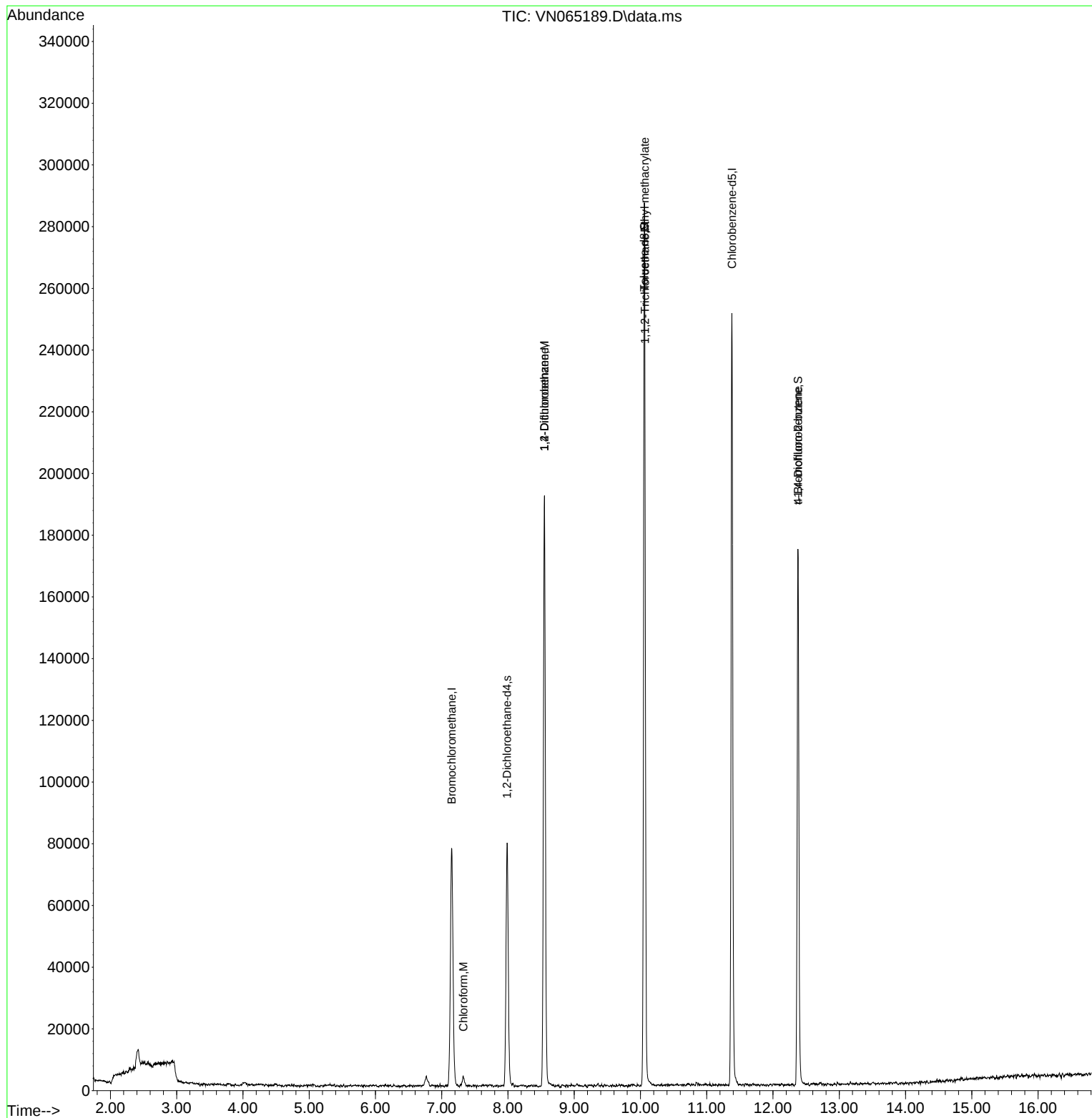
Internal Standards						
1) Bromochloromethane	7.151	128	32307	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.550	114	173535	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.379	117	149068	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.987	65	70341	30.01	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.03%
60) 4-Bromofluorobenzene	12.376	95	61726	26.03	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.77%
63) Toluene-d8	10.058	98	202674	30.65	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.17%
Target Compounds						
					Qvalue	
25) Chloroform	7.325	83	3367	0.95	ug/l	94
36) 1,2-Dichloroethane	8.550	62	5597	2.00	ug/l #	80
50) 1,1,2-Trichloroethane	10.068	97	6966	3.72	ug/l #	1
51) Ethyl methacrylate	10.064	69	897	0.31	ug/l	72
77) t-1,4-Dichloro-2-butene	12.376	75	31608	33.91	ug/l #	9

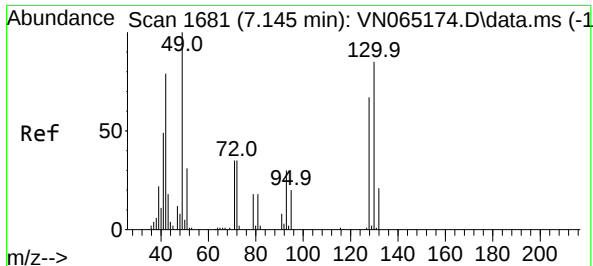
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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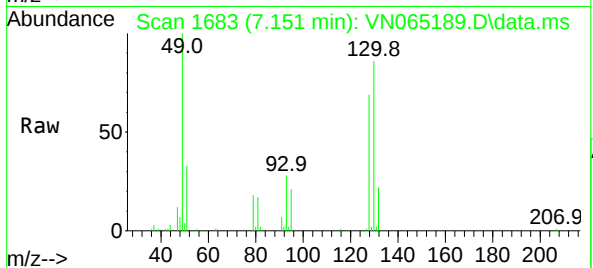
Quant Time: Dec 22 05:39:25 2020
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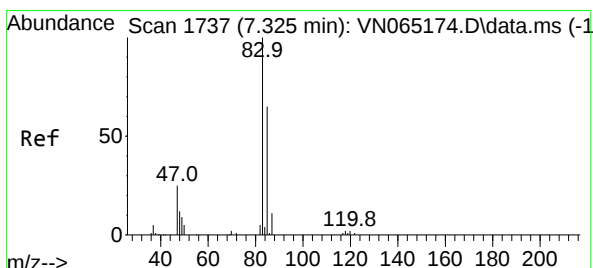
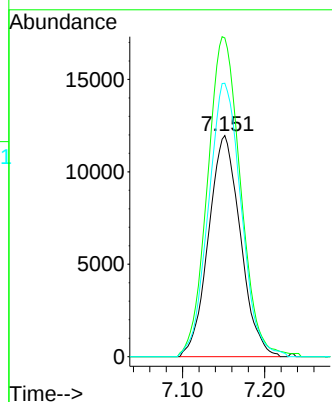
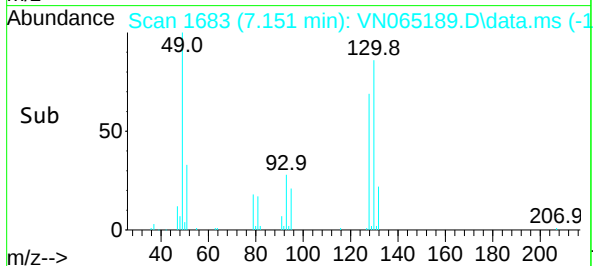


#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.151 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN065189.D
Acq: 21 Dec 2020 18:41

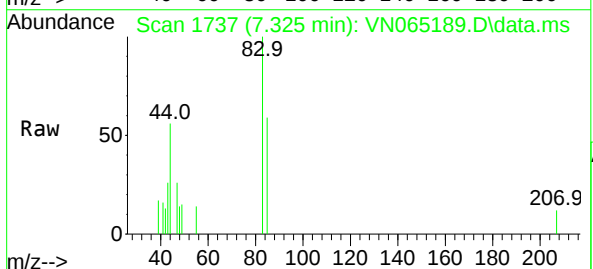
Instrument :
MSVOA_N
ClientSampled :



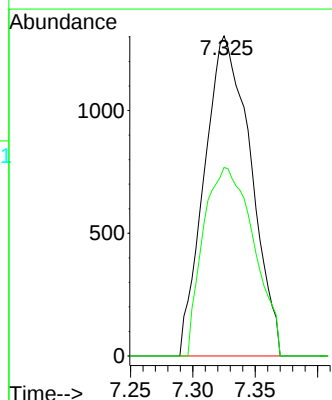
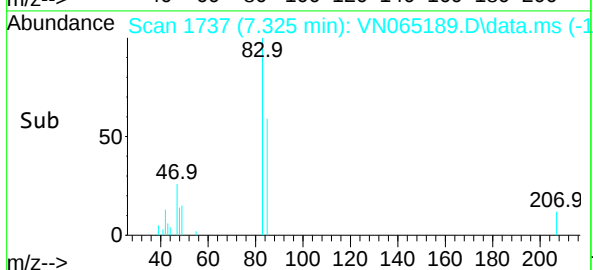
Tgt Ion:128 Resp: 32307
Ion Ratio Lower Upper
128 100
49 149.9 0.0 475.5
130 127.5 0.0 315.3

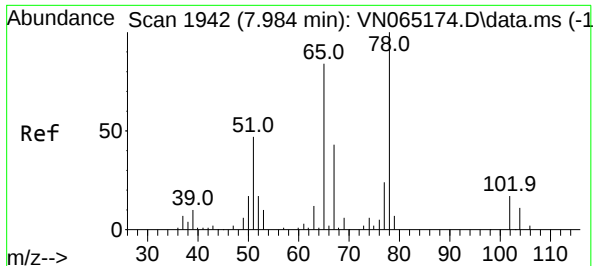


#25
Chloroform
Concen: 0.95 ug/l
RT: 7.325 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VN065189.D
Acq: 21 Dec 2020 18:41



Tgt Ion: 83 Resp: 3367
Ion Ratio Lower Upper
83 100
85 58.9 50.6 75.8



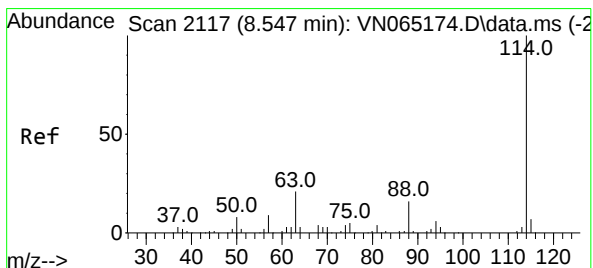
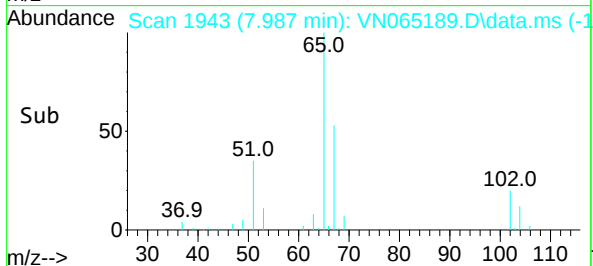
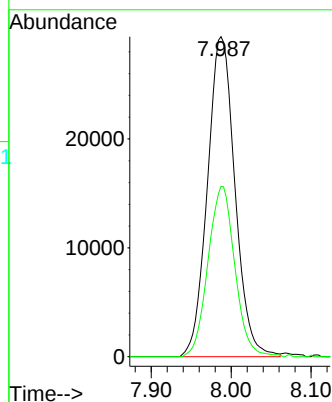
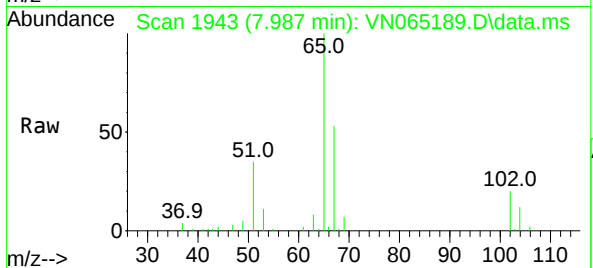


#27

1,2-Dichloroethane-d4
Concen: 30.01 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.003 min
Lab File: VN065189.D
Acq: 21 Dec 2020 18:41

Instrument :
MSVOA_N
ClientSampled :

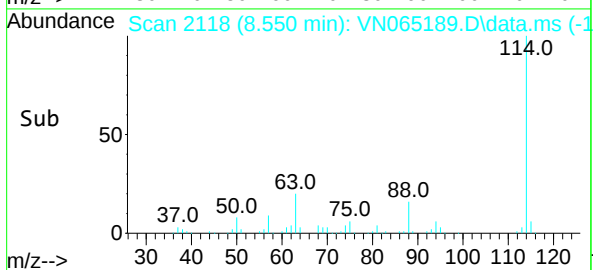
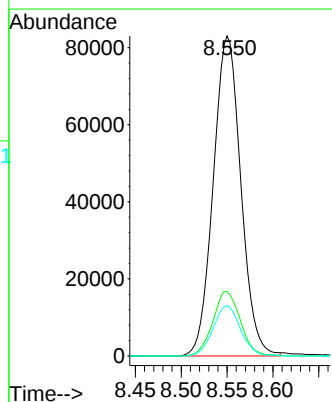
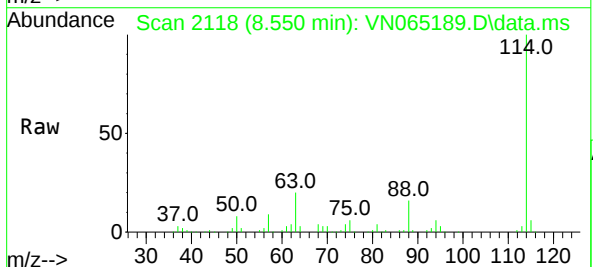
Tgt Ion: 65 Resp: 70341
Ion Ratio Lower Upper
65 100
67 51.7 41.1 61.7

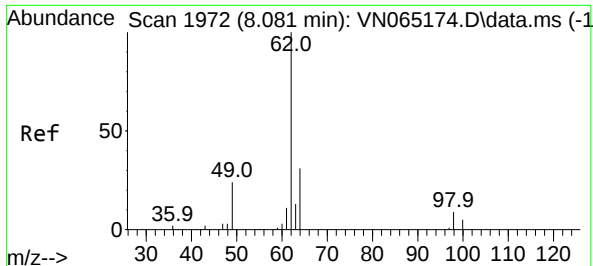


#28

1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.003 min
Lab File: VN065189.D
Acq: 21 Dec 2020 18:41

Tgt Ion: 114 Resp: 173535
Ion Ratio Lower Upper
114 100
63 20.1 18.5 27.7
88 15.6 13.0 19.6

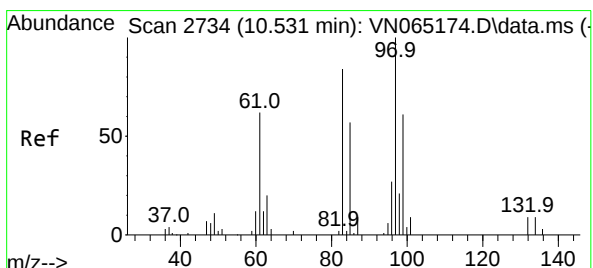
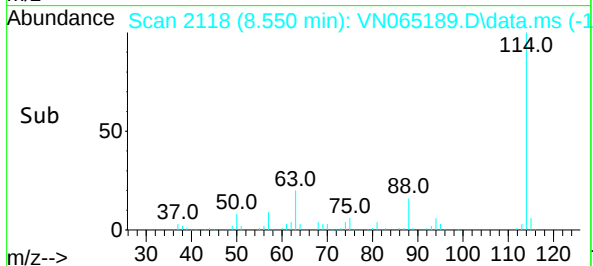
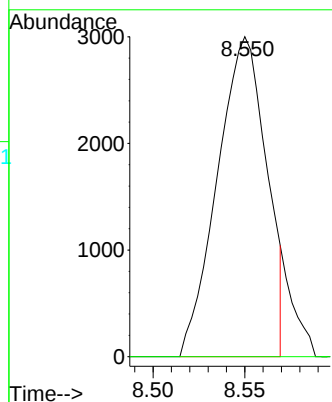
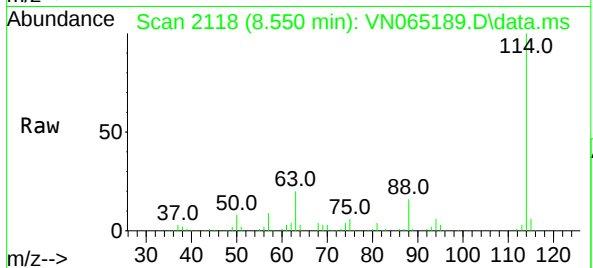




#36
1,2-Dichloroethane
Concen: 2.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.469 min
Lab File: VN065189.D
Acq: 21 Dec 2020 18:41

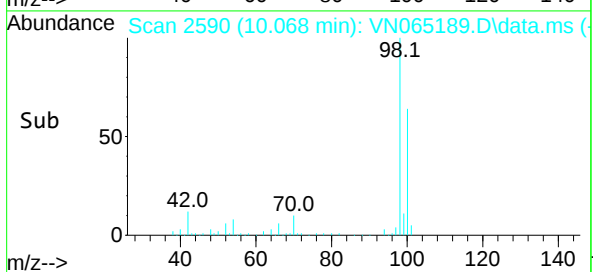
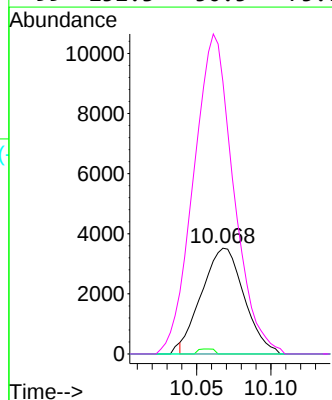
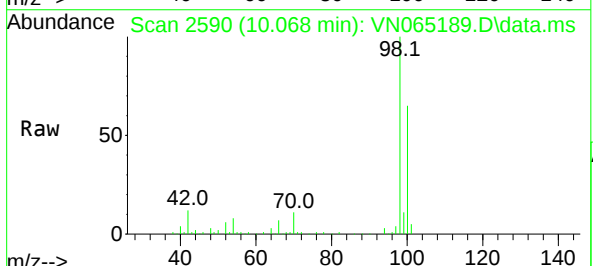
Instrument :
MSVOA_N
ClientSampled :

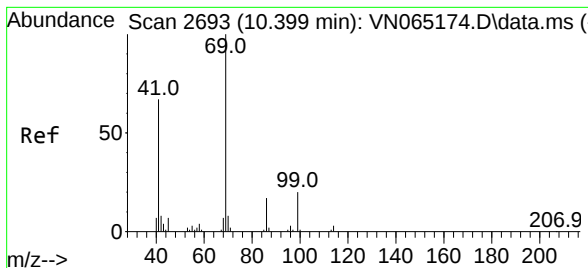
Tgt Ion: 62 Resp: 5597
Ion Ratio Lower Upper
62 100
98 0.0 5.5 8.3#



#50
1,1,2-Trichloroethane
Concen: 3.72 ug/l
RT: 10.068 min Scan# 2590
Delta R.T. -0.463 min
Lab File: VN065189.D
Acq: 21 Dec 2020 18:41

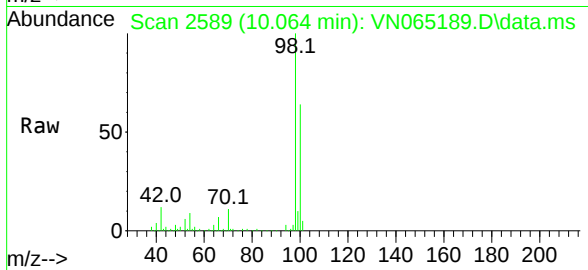
Tgt Ion: 97 Resp: 6966
Ion Ratio Lower Upper
97 100
83 0.0 74.2 111.4#
85 0.0 44.8 67.2#
99 252.3 50.5 75.7#



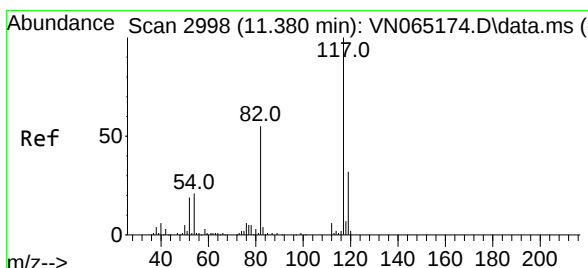
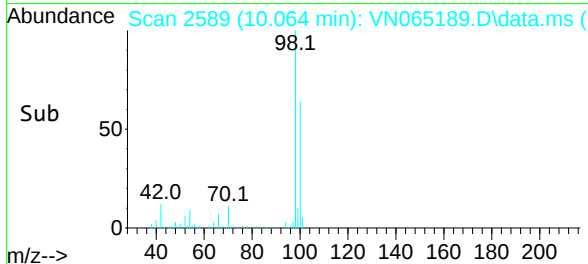
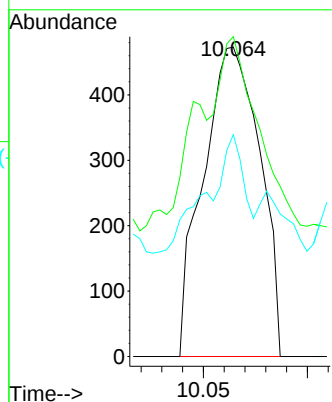


#51
Ethyl methacrylate
Concen: 0.31 ug/l
RT: 10.064 min Scan# 2589
Delta R.T. -0.335 min
Lab File: VN065189.D
Acq: 21 Dec 2020 18:41

Instrument :
MSVOA_N
ClientSampled :

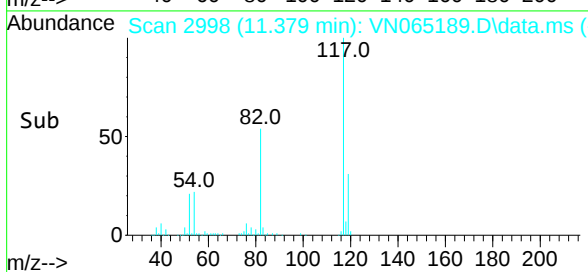
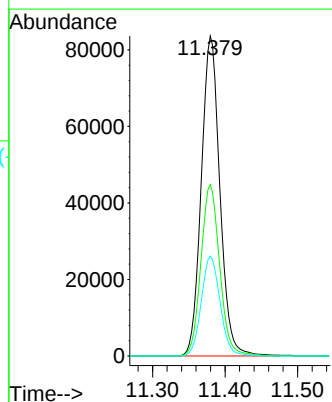
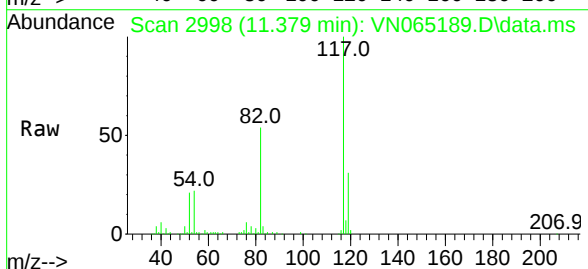


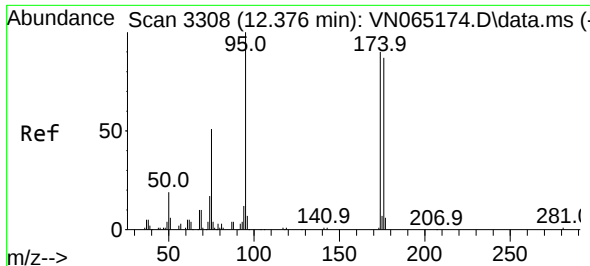
Tgt Ion: 69 Resp: 897
Ion Ratio Lower Upper
69 100
41 48.4 35.4 106.1
39 27.5 24.1 72.2



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065189.D
Acq: 21 Dec 2020 18:41

Tgt Ion: 117 Resp: 149068
Ion Ratio Lower Upper
117 100
82 54.0 47.8 71.8
119 31.5 25.7 38.5

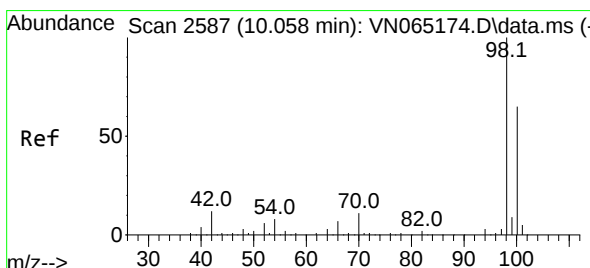
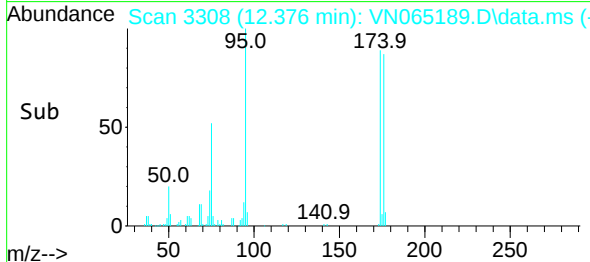
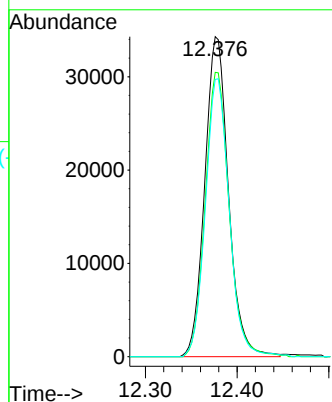
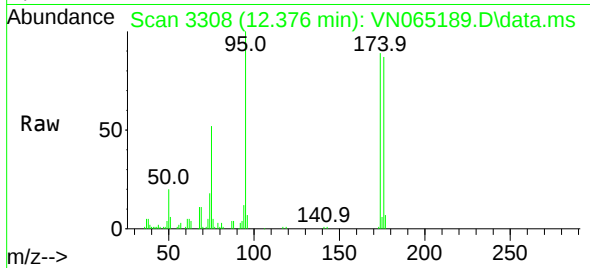




#60
4-Bromofluorobenzene
Concen: 26.03 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.000 min
Lab File: VN065189.D
Acq: 21 Dec 2020 18:41

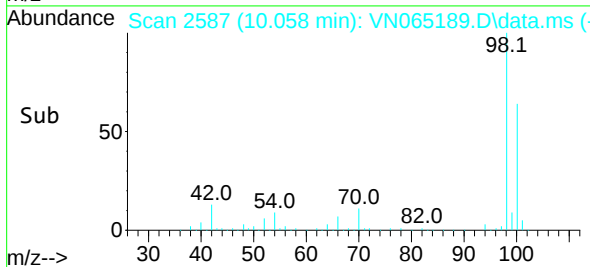
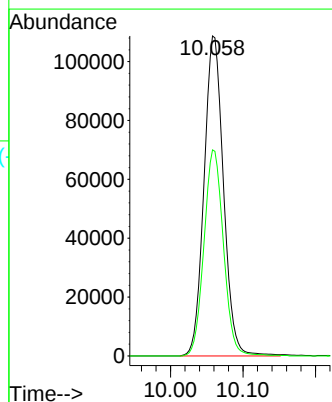
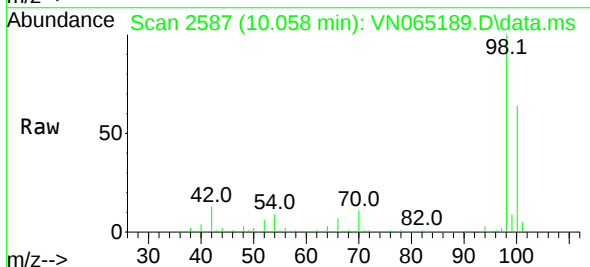
Instrument :
MSVOA_N
ClientSampleId :

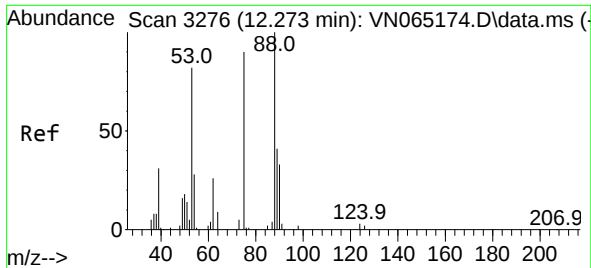
Tgt Ion: 95 Resp: 61726
Ion Ratio Lower Upper
95 100
174 89.3 56.4 84.6#
176 86.9 53.3 79.9#



#63
Toluene-d8
Concen: 30.65 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065189.D
Acq: 21 Dec 2020 18:41

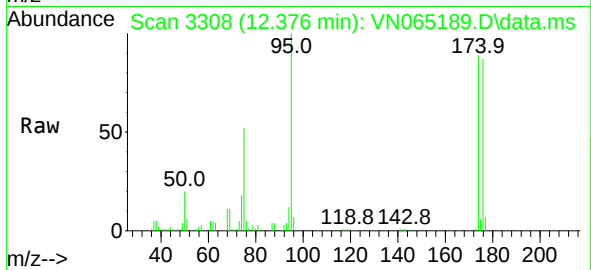
Tgt Ion: 98 Resp: 202674
Ion Ratio Lower Upper
98 100
100 64.4 49.4 74.2





#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: VN065189.D
 Acq: 21 Dec 2020 18:41

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	75	Resp:	31608
Ion	Ratio	Lower	Upper
75	100		
53	0.0	50.3	150.9#
89	0.0	23.3	69.8#

