

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021021\
 Data File : VN065804.D
 Acq On : 10 Feb 2021 18:51
 Operator : JC/MD
 Sample : M1321-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(FEB)

Quant Time: Feb 11 01:35:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 03 14:50:04 2021
 Response via : Initial Calibration

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

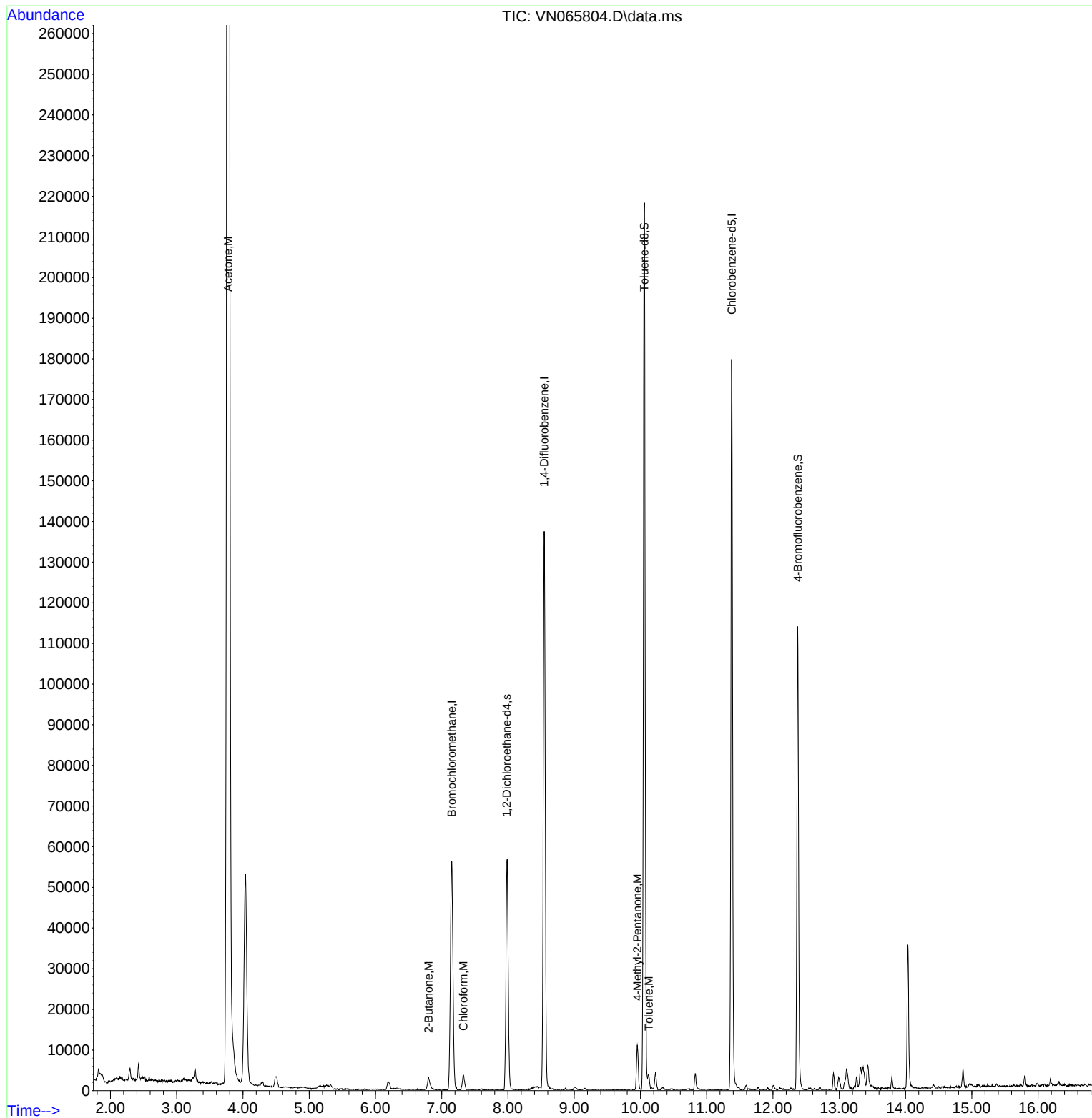
Internal Standards						
1) Bromochloromethane	7.151	128	23522	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.547	114	131975	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.376	117	114789	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.984	65	48369	29.65	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.83%		
60) 4-Bromofluorobenzene	12.373	95	48100	25.76	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	85.87%		
63) Toluene-d8	10.058	98	162997	29.54	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.47%		
Target Compounds						Qvalue
15) Acetone	3.775	58	413065	1823.46	ug/l	85
25) Chloroform	7.328	83	4496	1.71	ug/l	86
30) 2-Butanone	6.801	43	6195	6.49	ug/l #	67
58) 4-Methyl-2-Pentanone	9.952	43	8743	4.59	ug/l #	97
62) Toluene	10.125	91	2801	0.42	ug/l #	34

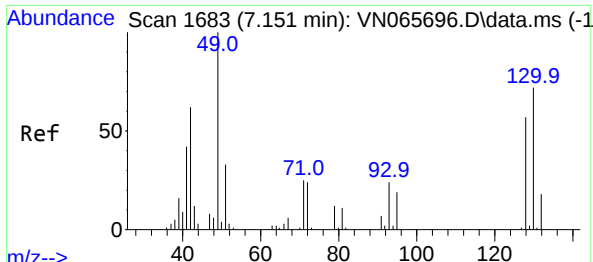
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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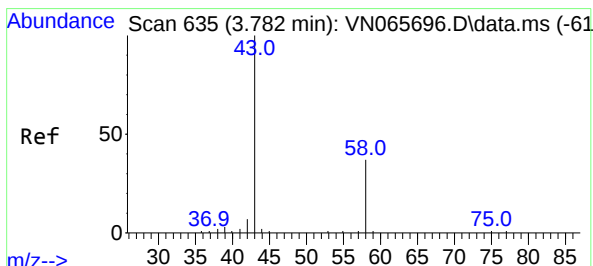
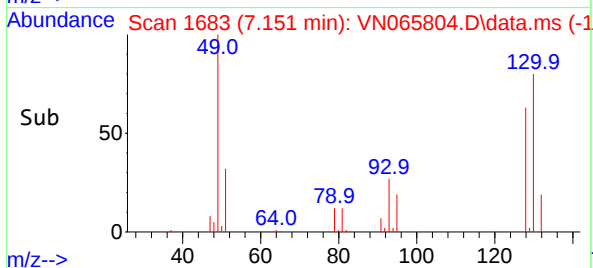
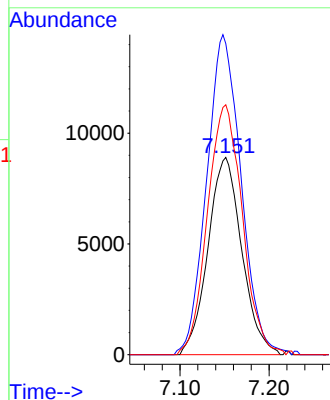
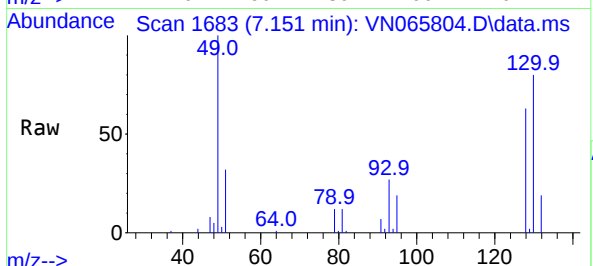




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.151 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN065804.D
Acq: 10 Feb 2021 18:51

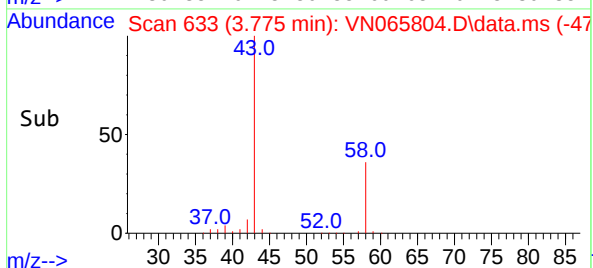
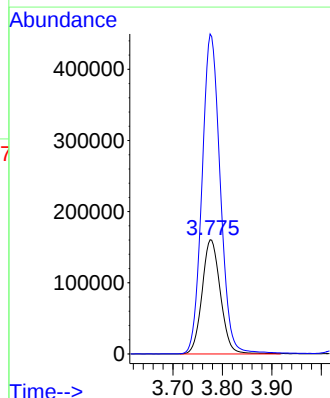
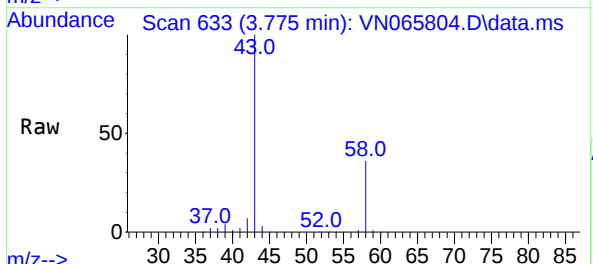
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(FEB)

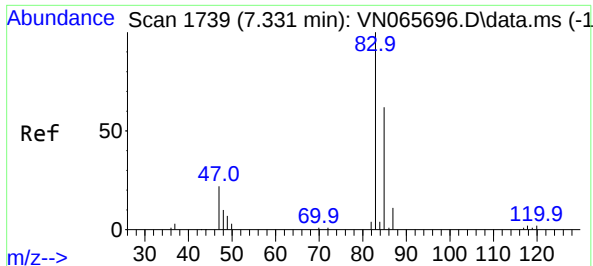
Tgt Ion:128 Resp: 23522
Ion Ratio Lower Upper
128 100
49 164.8 0.0 355.0
130 130.7 0.0 325.5



#15
Acetone
Concen: 1823.46 ug/l
RT: 3.775 min Scan# 633
Delta R.T. -0.006 min
Lab File: VN065804.D
Acq: 10 Feb 2021 18:51

Tgt Ion: 58 Resp: 413065
Ion Ratio Lower Upper
58 100
43 280.0 203.4 305.0



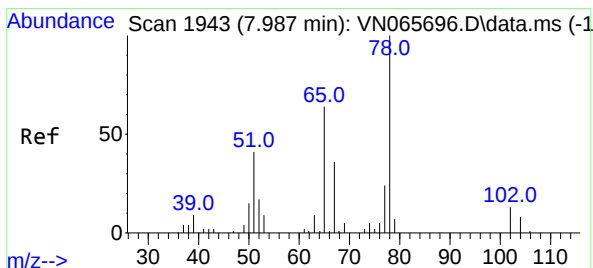
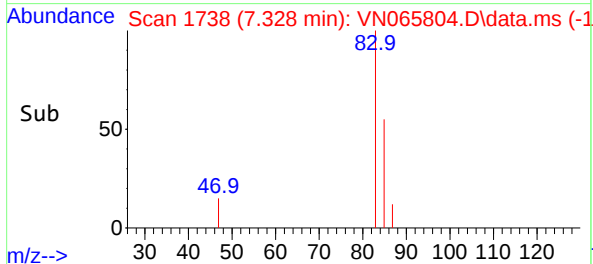
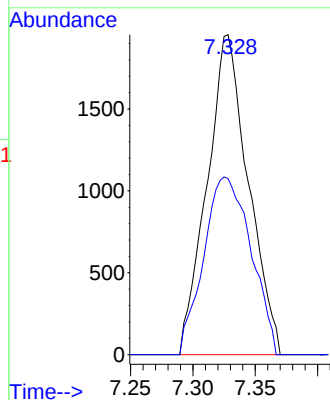
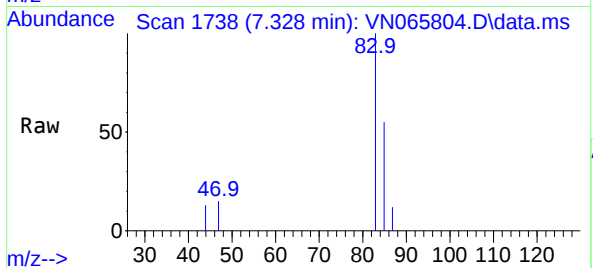


#25

Chloroform
Concen: 1.71 ug/l
RT: 7.328 min Scan# 1738
Delta R.T. -0.003 min
Lab File: VN065804.D
Acq: 10 Feb 2021 18:51

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(FEB)

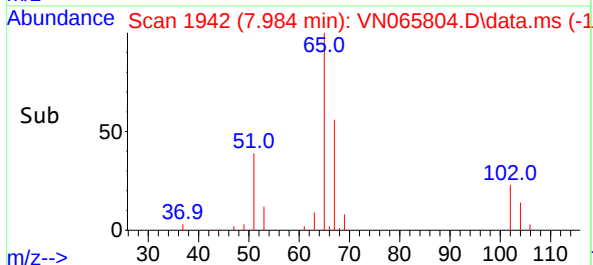
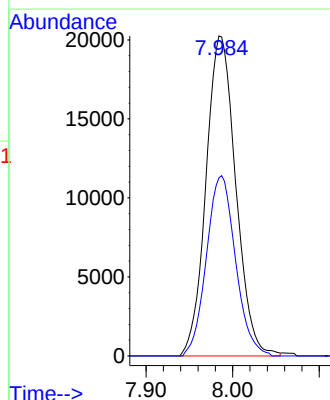
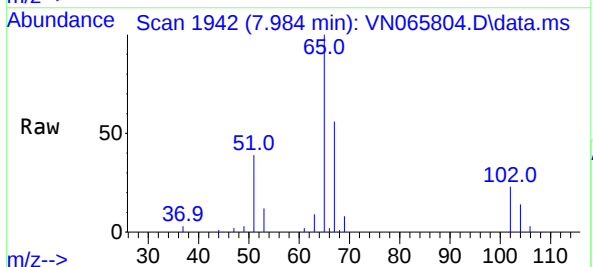
Tgt Ion: 83 Resp: 4496
Ion Ratio Lower Upper
83 100
85 55.1 53.0 79.4

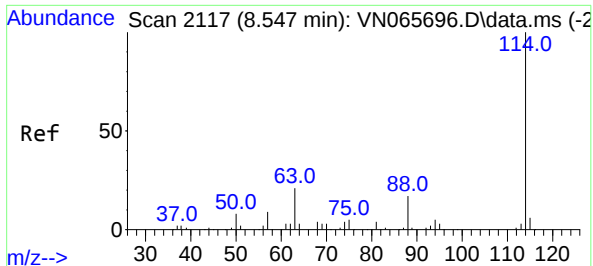


#27

1,2-Dichloroethane-d4
Concen: 29.65 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065804.D
Acq: 10 Feb 2021 18:51

Tgt Ion: 65 Resp: 48369
Ion Ratio Lower Upper
65 100
67 55.0 42.8 64.2



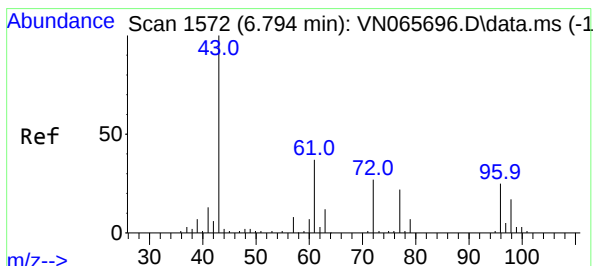
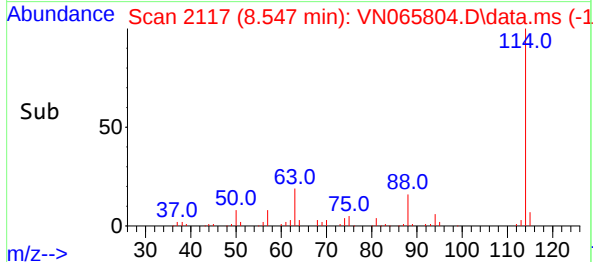
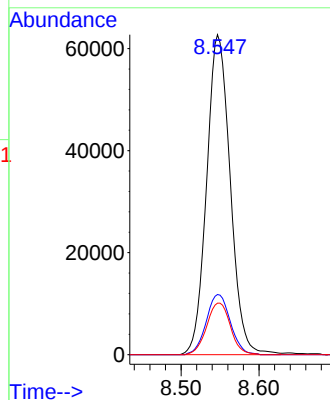
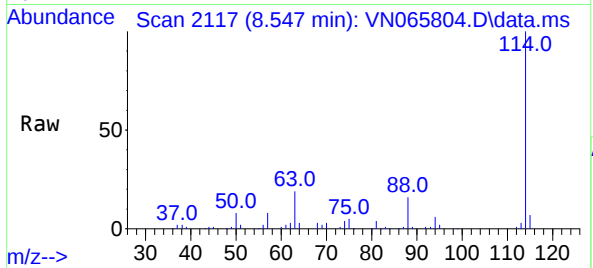


#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. 0.000 min
Lab File: VN065804.D
Acq: 10 Feb 2021 18:51

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(FEB)

Tgt Ion: 114 Resp: 131975

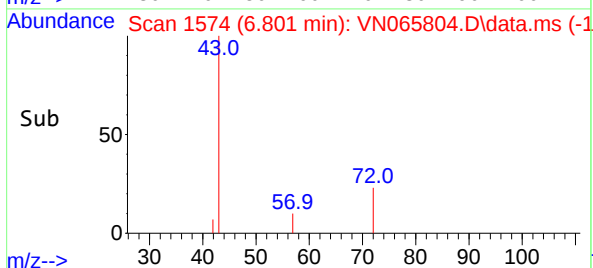
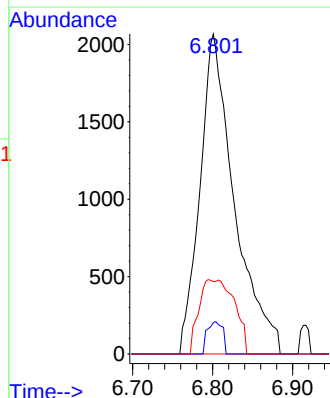
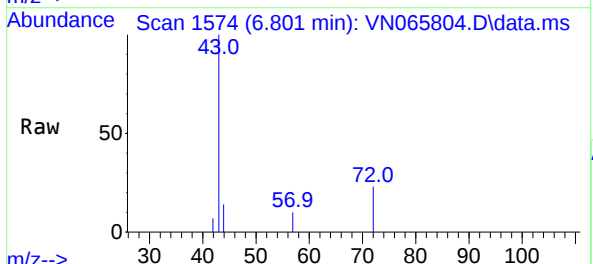
Ion	Ratio	Lower	Upper
114	100		
63	19.2	14.7	22.1
88	16.3	11.7	17.5

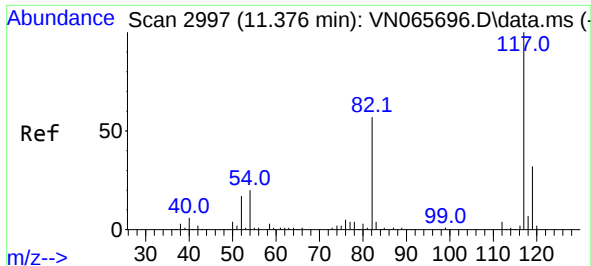


#30
2-Butanone
Concen: 6.49 ug/l
RT: 6.801 min Scan# 1574
Delta R.T. 0.007 min
Lab File: VN065804.D
Acq: 10 Feb 2021 18:51

Tgt Ion: 43 Resp: 6195

Ion	Ratio	Lower	Upper
43	100		
57	0.4	7.0	10.4#
72	10.2	23.6	35.4#



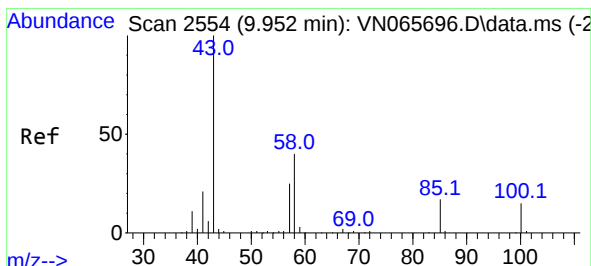
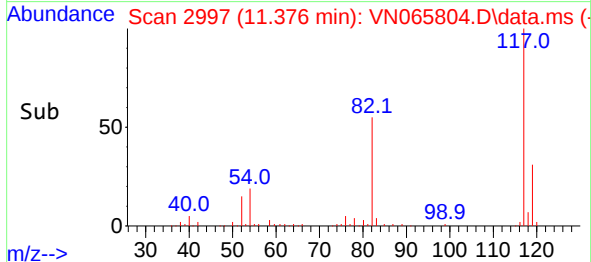
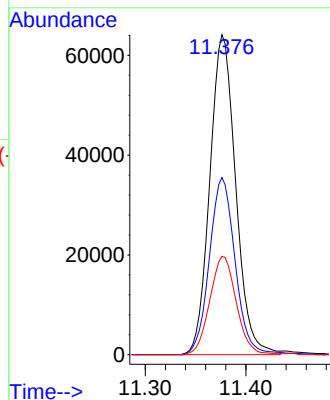
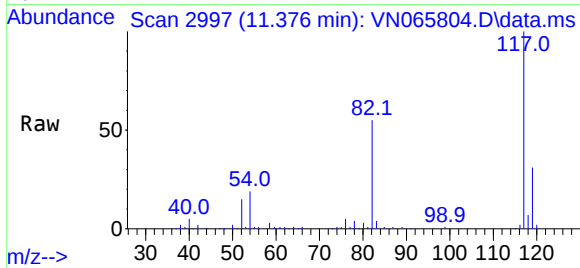


#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065804.D
Acq: 10 Feb 2021 18:51

Instrument :
MSVOA_N
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002-35TH-AVE(FEB)

Tgt Ion: 117 Resp: 114789

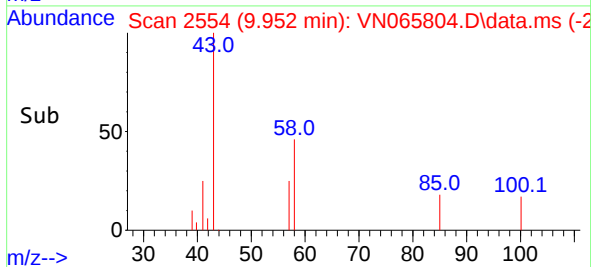
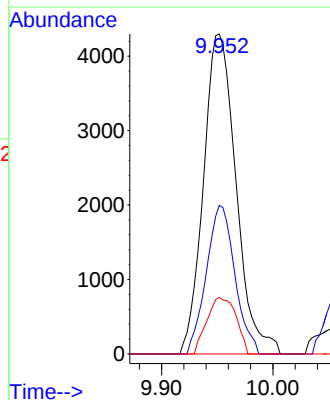
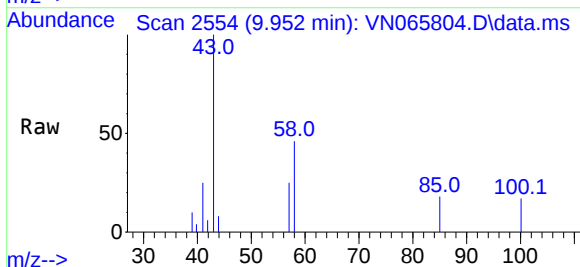
Ion	Ratio	Lower	Upper
117	100		
82	55.3	41.3	61.9
119	31.4	25.7	38.5

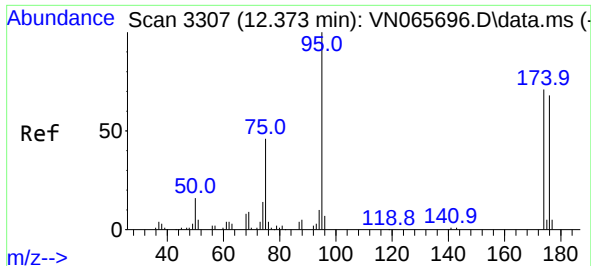


#58
4-Methyl-2-Pentanone
Concen: 4.59 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. 0.000 min
Lab File: VN065804.D
Acq: 10 Feb 2021 18:51

Tgt Ion: 43 Resp: 8743

Ion	Ratio	Lower	Upper
43	100		
58	40.6	32.7	49.1
85	15.7	16.0	24.0

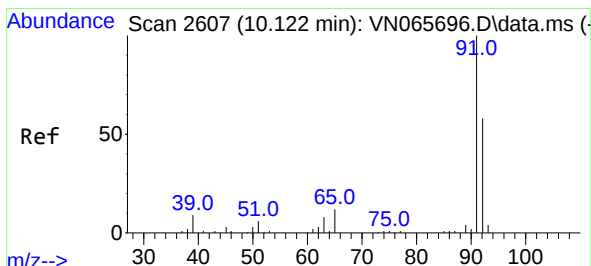
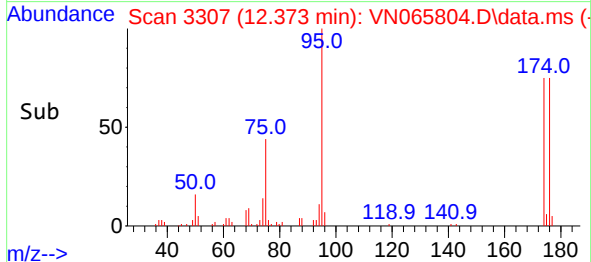
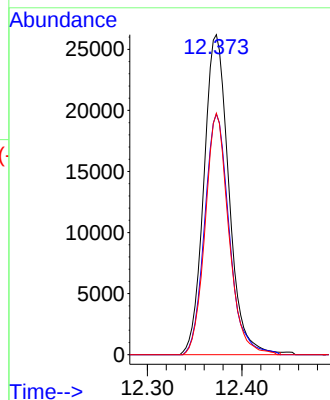
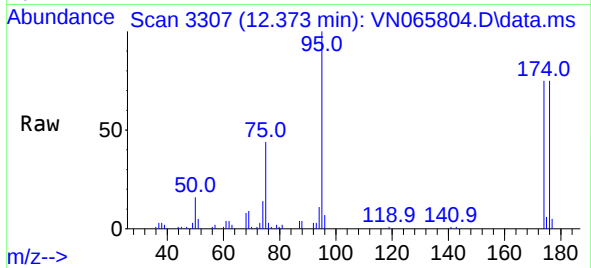




#60
4-Bromofluorobenzene
Concen: 25.76 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065804.D
Acq: 10 Feb 2021 18:51

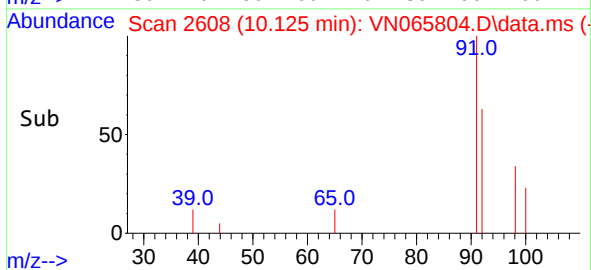
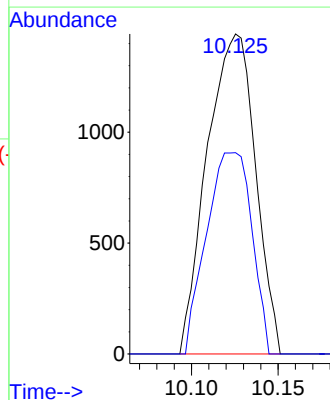
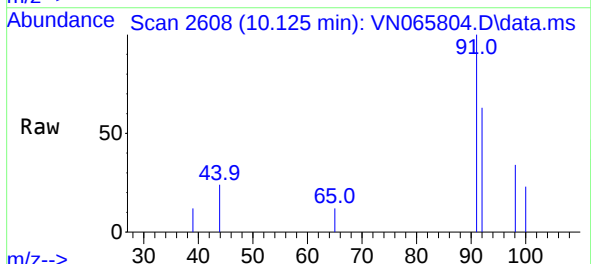
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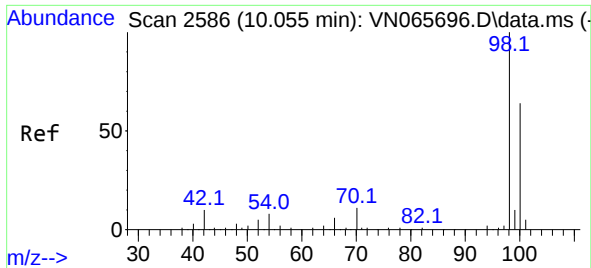
Tgt Ion: 95 Resp: 48100
Ion Ratio Lower Upper
95 100
174 74.2 77.0 115.6#
176 71.4 75.8 113.6#



#62
Toluene
Concen: 0.42 ug/l
RT: 10.125 min Scan# 2608
Delta R.T. 0.003 min
Lab File: VN065804.D
Acq: 10 Feb 2021 18:51

Tgt Ion: 91 Resp: 2801
Ion Ratio Lower Upper
91 100
92 8.7 46.2 69.4#





#63
Toluene-d8
Concen: 29.54 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.003 min
Lab File: VN065804.D
Acq: 10 Feb 2021 18:51

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(FEB)

Tgt Ion: 98 Resp: 162997
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

