

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030521\
 Data File : VN066144.D
 Acq On : 5 Mar 2021 19:14
 Operator : JC/MD
 Sample : M1563-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Mar 06 02:43:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030521W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Mar 06 02:33:59 2021
 Response via : Initial Calibration

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

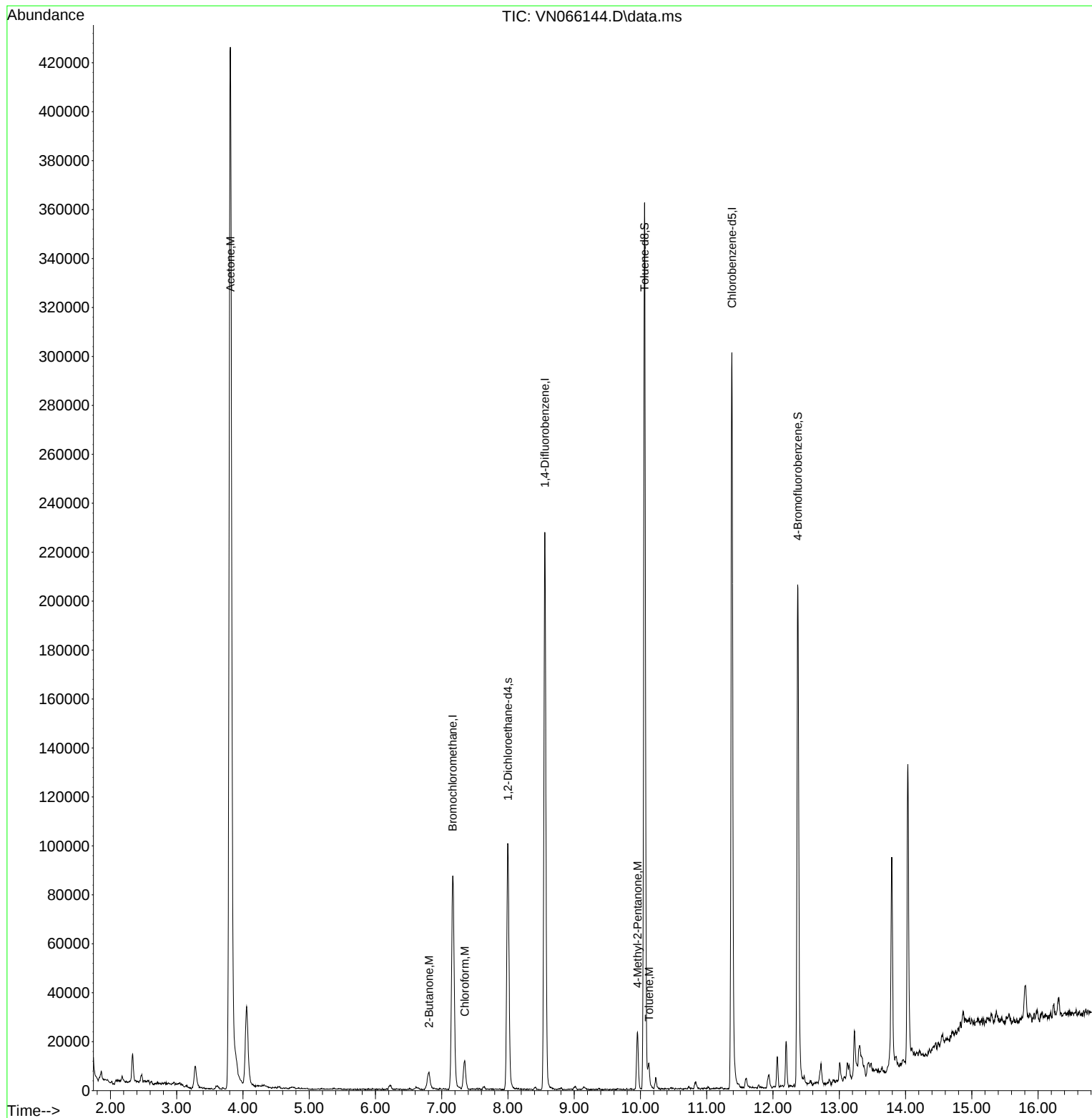
Internal Standards						
1) Bromochloromethane	7.167	128	36994	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.556	114	208278	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.380	117	187743	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.000	65	98508	30.67	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.23%
60) 4-Bromofluorobenzene	12.373	95	86931	26.73	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.10%
63) Toluene-d8	10.061	98	261156	30.87	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.90%
Target Compounds						
					Qvalue	
15) Acetone	3.811	58	231880	825.10	ug/l #	57
25) Chloroform	7.348	83	12933	2.95	ug/l	97
30) 2-Butanone	6.807	43	9497	7.63	ug/l #	91
58) 4-Methyl-2-Pentanone	9.955	43	16238	6.53	ug/l	99
62) Toluene	10.129	91	6337	0.65	ug/l	96

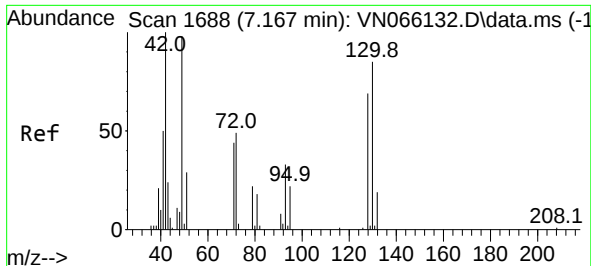
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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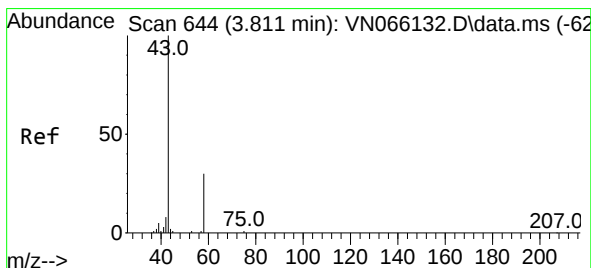
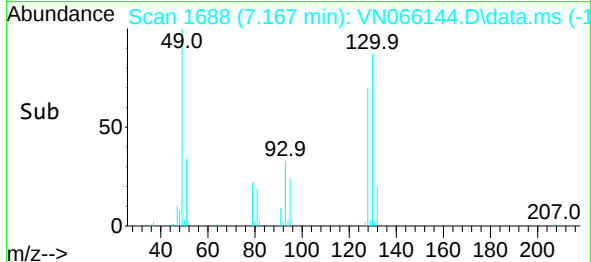
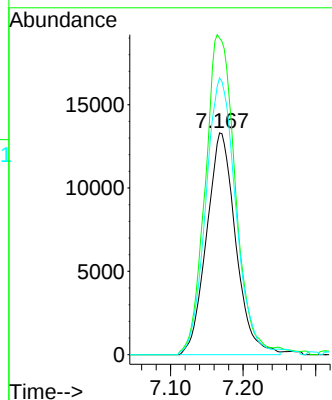
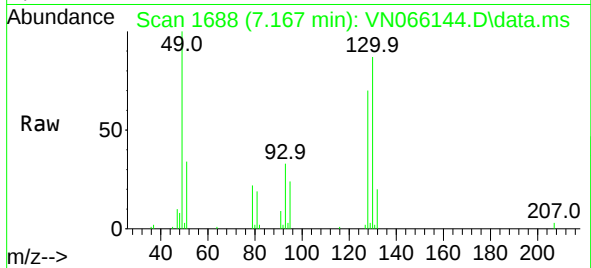




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.167 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN066144.D
Acq: 5 Mar 2021 19:14

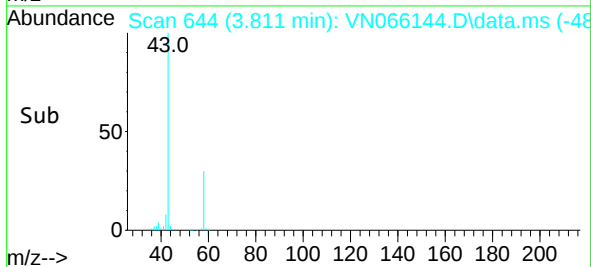
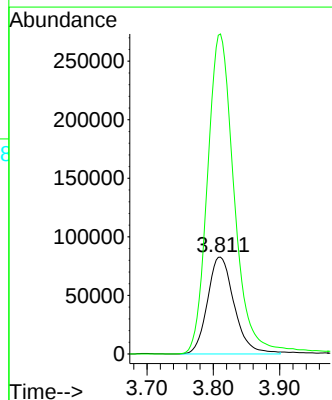
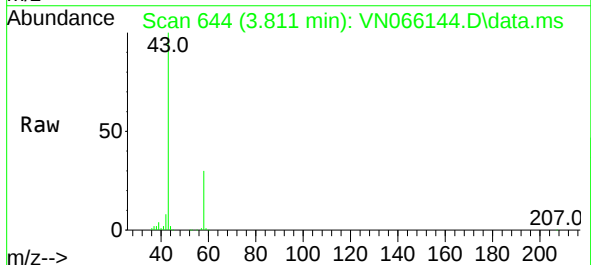
Instrument :
MSVOA_N
ClientSampleId :
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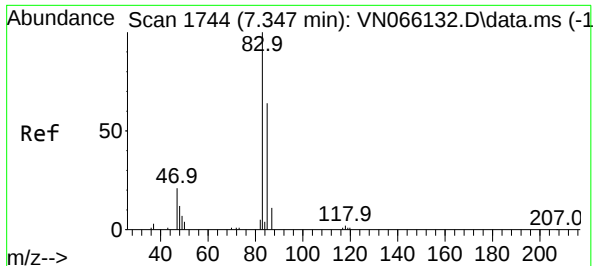
Tgt Ion:128 Resp: 36994
Ion Ratio Lower Upper
128 100
49 148.8 0.0 355.0
130 129.0 0.0 325.5



#15
Acetone
Concen: 825.10 ug/l
RT: 3.811 min Scan# 644
Delta R.T. 0.000 min
Lab File: VN066144.D
Acq: 5 Mar 2021 19:14

Tgt Ion: 58 Resp: 231880
Ion Ratio Lower Upper
58 100
43 330.2 203.4 305.0#



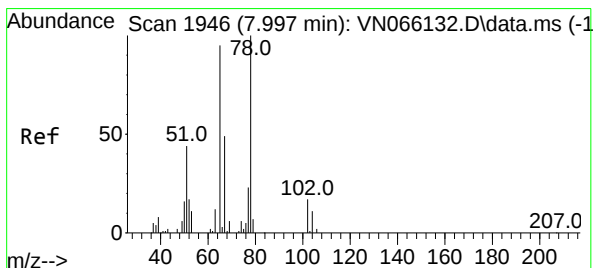
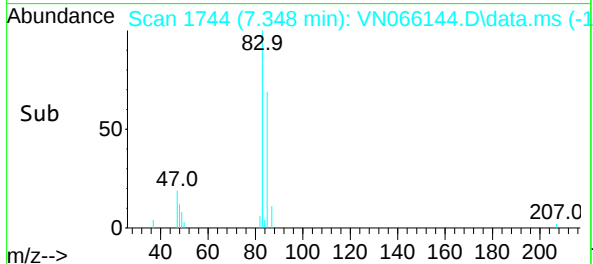
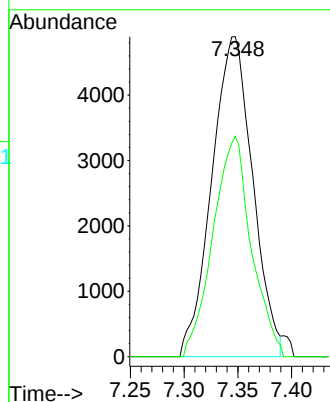
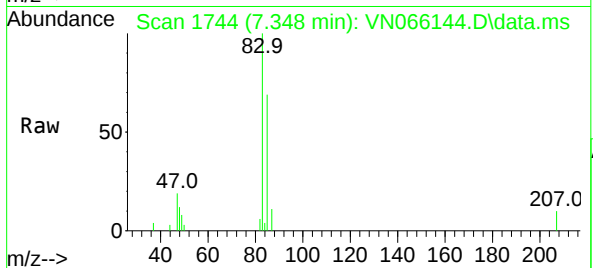


#25

Chloroform
Concen: 2.95 ug/l
RT: 7.348 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VN066144.D
Acq: 5 Mar 2021 19:14

Instrument :
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ClientSampleId :
002-35TH-AVE(MAR)

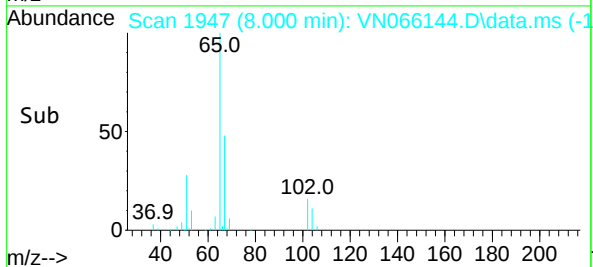
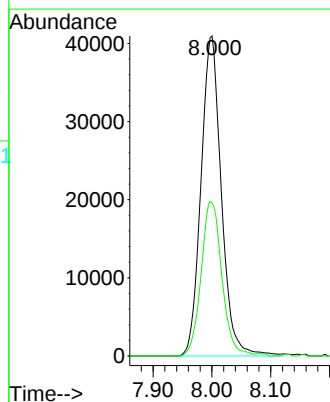
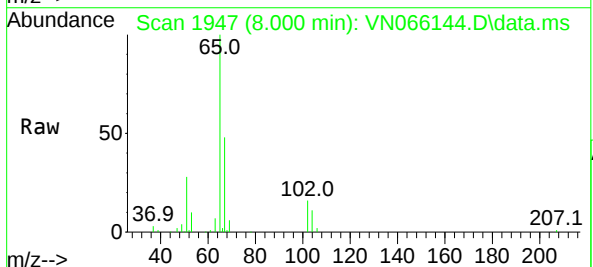
Tgt Ion: 83 Resp: 12933
Ion Ratio Lower Upper
83 100
85 68.9 53.0 79.4

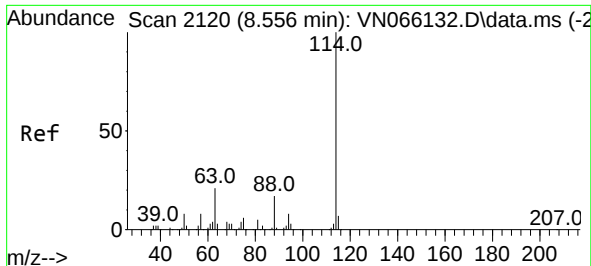


#27

1,2-Dichloroethane-d4
Concen: 30.67 ug/l
RT: 8.000 min Scan# 1947
Delta R.T. 0.003 min
Lab File: VN066144.D
Acq: 5 Mar 2021 19:14

Tgt Ion: 65 Resp: 98508
Ion Ratio Lower Upper
65 100
67 49.0 42.8 64.2



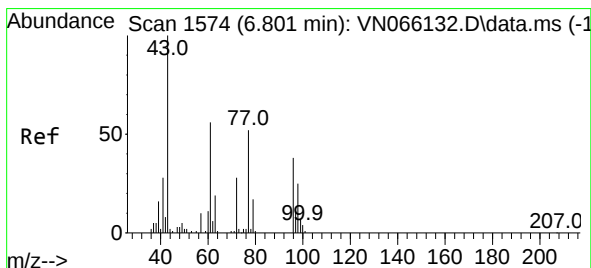
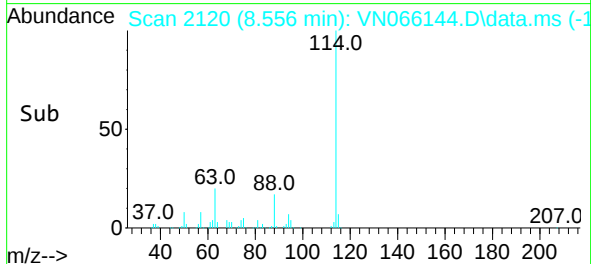
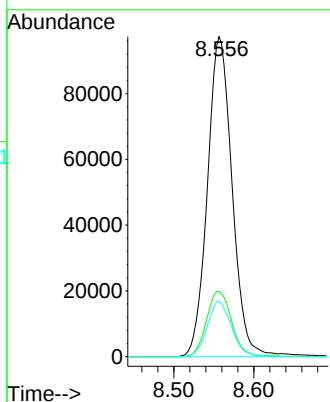
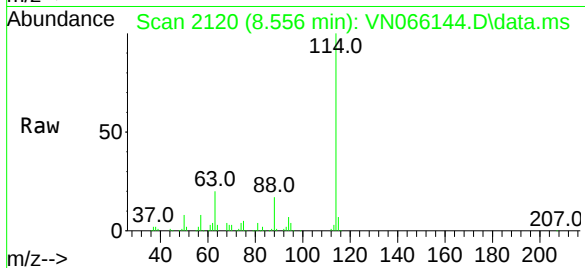


#28

1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.556 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VN066144.D
Acq: 5 Mar 2021 19:14

Instrument :
MSVOA_N
ClientSampleId :
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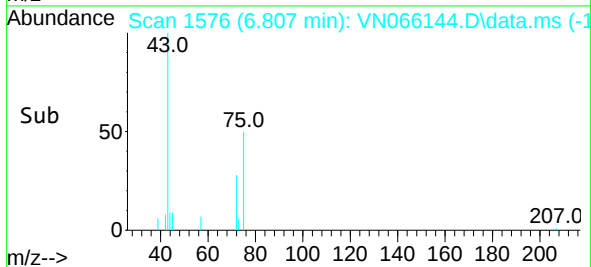
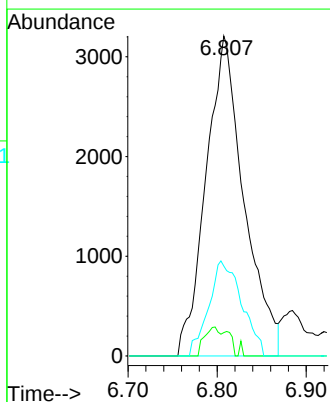
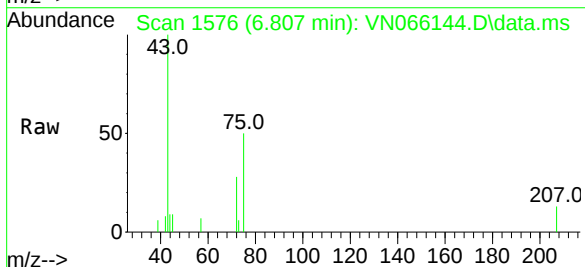
Tgt Ion: 114 Resp: 208278
Ion Ratio Lower Upper
114 100
63 20.9 14.7 22.1
88 17.1 11.7 17.5

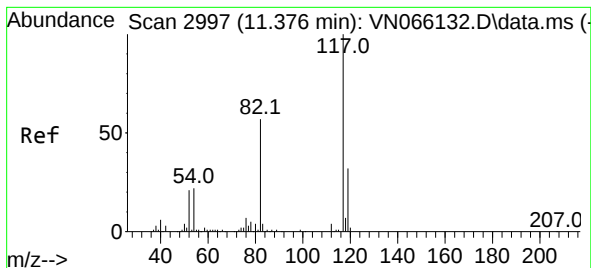


#30

2-Butanone
Concen: 7.63 ug/l
RT: 6.807 min Scan# 1576
Delta R.T. 0.007 min
Lab File: VN066144.D
Acq: 5 Mar 2021 19:14

Tgt Ion: 43 Resp: 9497
Ion Ratio Lower Upper
43 100
57 3.7 7.0 10.4#
72 25.3 23.6 35.4

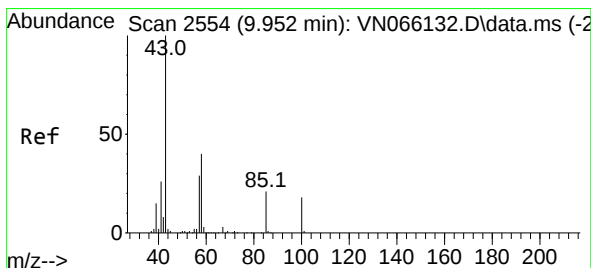
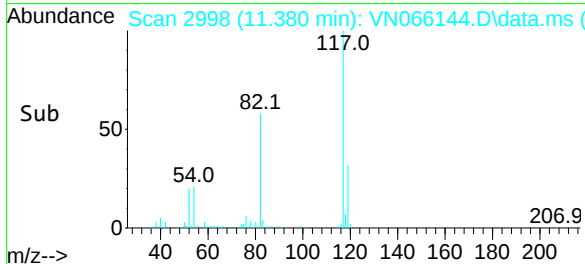
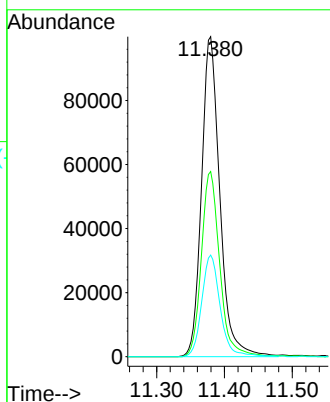
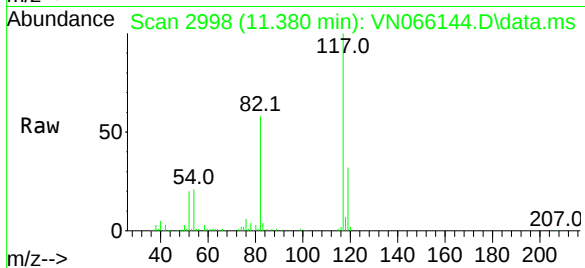




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.003 min
Lab File: VN066144.D
Acq: 5 Mar 2021 19:14

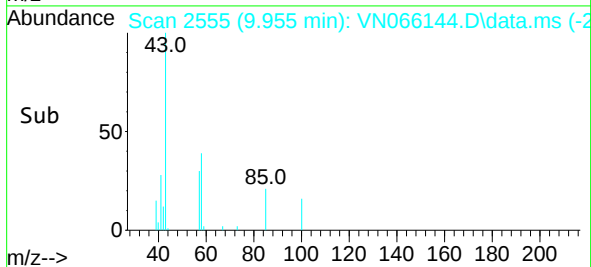
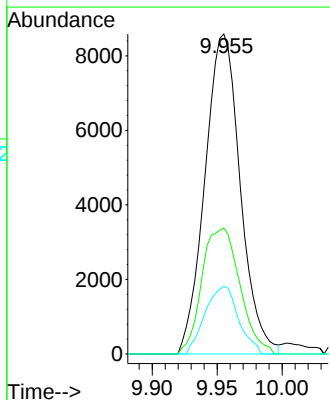
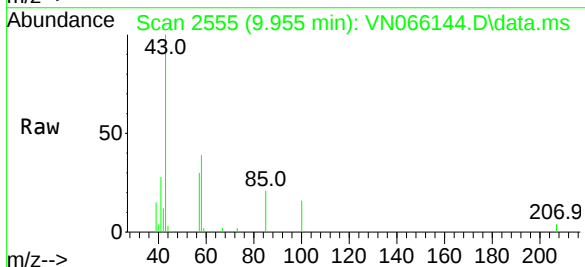
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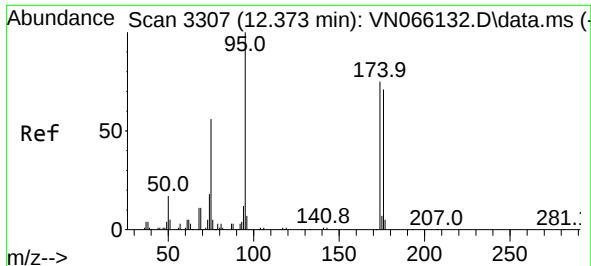
Tgt Ion: 117 Resp: 187743
Ion Ratio Lower Upper
117 100
82 57.7 41.3 61.9
119 32.0 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 6.53 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.003 min
Lab File: VN066144.D
Acq: 5 Mar 2021 19:14

Tgt Ion: 43 Resp: 16238
Ion Ratio Lower Upper
43 100
58 42.2 32.7 49.1
85 19.9 16.0 24.0

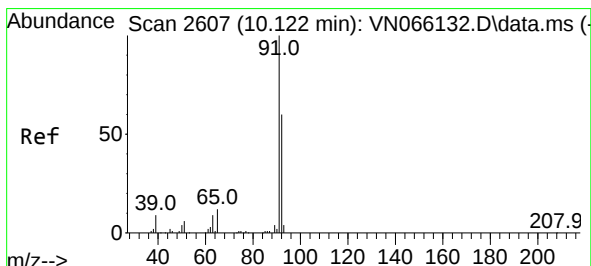
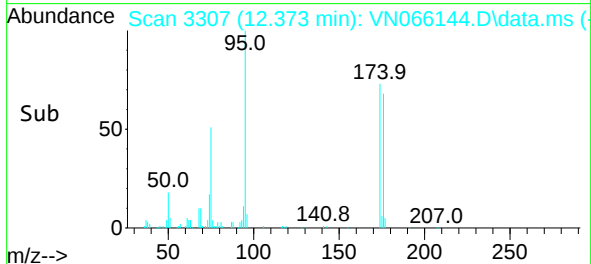
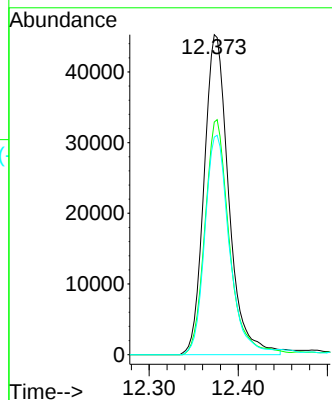
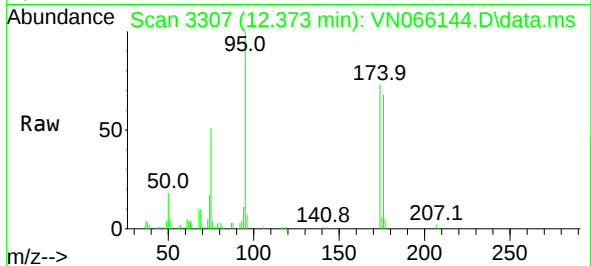




#60
4-Bromofluorobenzene
Concen: 26.73 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN066144.D
Acq: 5 Mar 2021 19:14

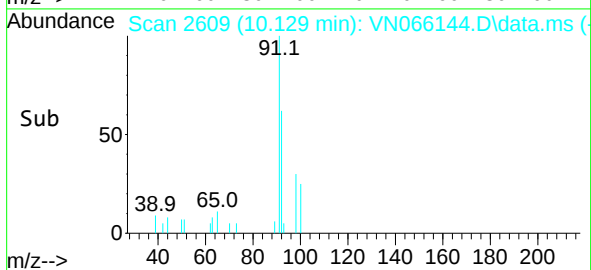
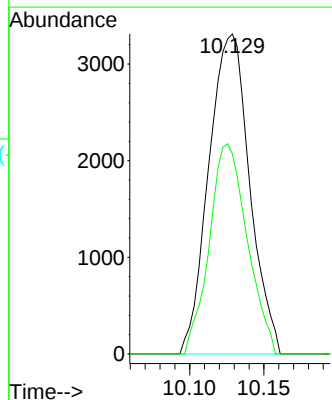
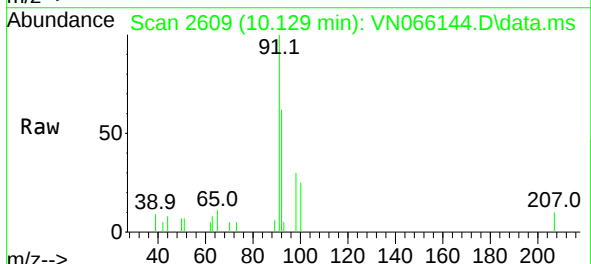
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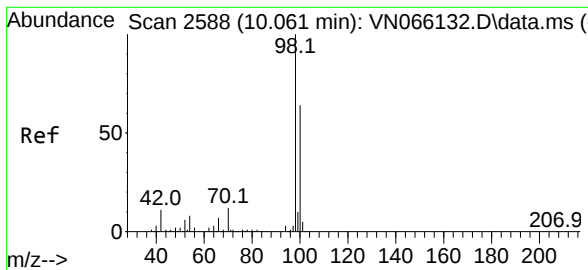
Tgt Ion: 95 Resp: 86931
Ion Ratio Lower Upper
95 100
174 72.6 77.0 115.6#
176 68.4 75.8 113.6#



#62
Toluene
Concen: 0.65 ug/l
RT: 10.129 min Scan# 2609
Delta R.T. 0.007 min
Lab File: VN066144.D
Acq: 5 Mar 2021 19:14

Tgt Ion: 91 Resp: 6337
Ion Ratio Lower Upper
91 100
92 60.8 46.2 69.4





#63
Toluene-d8
Concen: 30.87 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.000 min
Lab File: VN066144.D
Acq: 5 Mar 2021 19:14

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

Tgt Ion: 98 Resp: 261156
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9

