

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040921\
 Data File : VN066559.D
 Acq On : 9 Apr 2021 13:33
 Operator : JC/MD
 Sample : M1914-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
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 4/12/2021 11:44:18 AM

Quant Time: Apr 09 14:02:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 25 05:52:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.107	128	48548	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.518	114	224475	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.350	117	194282	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.952	65	112963	30.27	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.90%
60) 4-Bromofluorobenzene	12.350	95	65027	21.45	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	71.50%
63) Toluene-d8	10.030	98	290734	31.89	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	106.30%
Target Compounds						
15) Acetone	3.738	58	142333	304.52	ug/l	96
30) 2-Butanone	6.756	43	11454m	5.82	ug/l	
58) 4-Methyl-2-Pentanone	9.923	43	20244	5.20	ug/l	91
62) Toluene	10.095	91	5846	0.54	ug/l	91

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

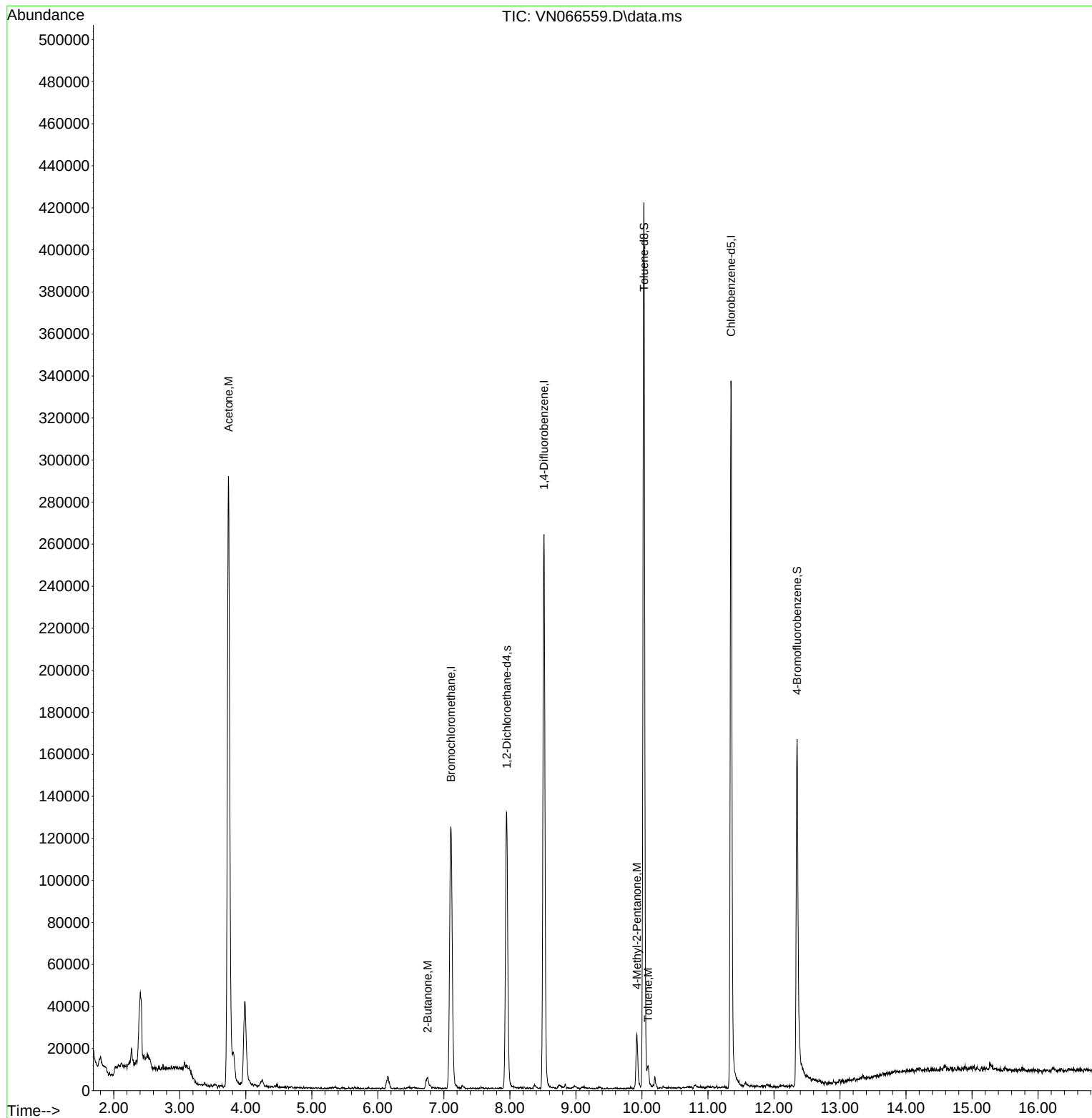
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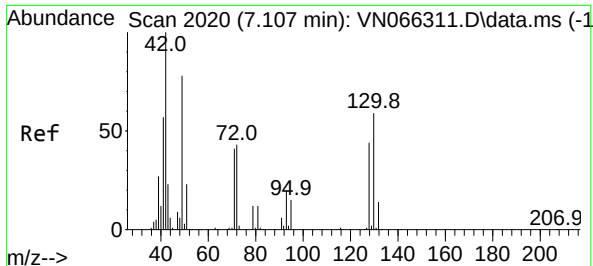
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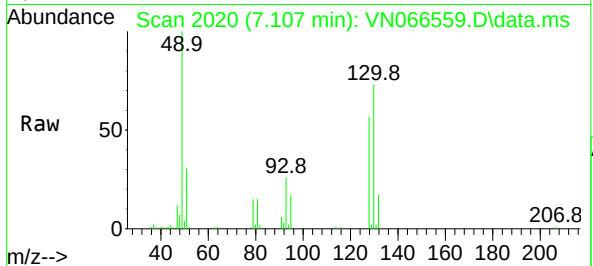
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Quant Time: Apr 09 14:02:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032421W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Response via : Initial Calibration

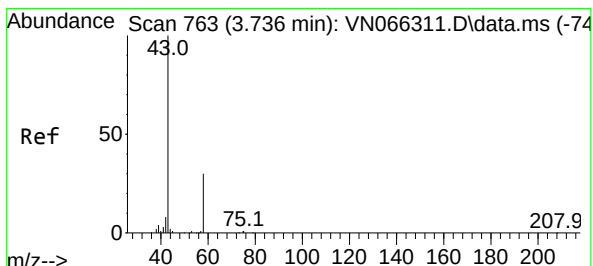
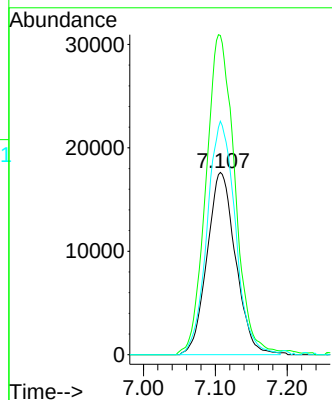
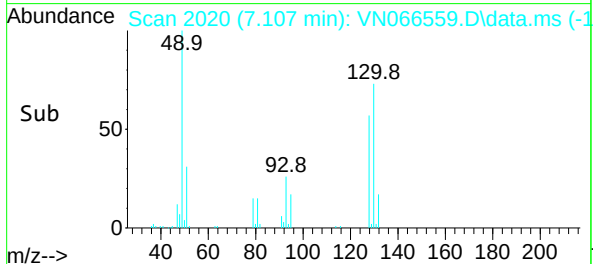




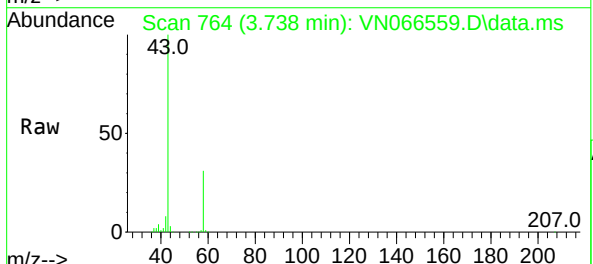
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.107 min Scan# 2020
Delta R.T. 0.000 min
Lab File: VN066559.D
Acq: 9 Apr 2021 13:33



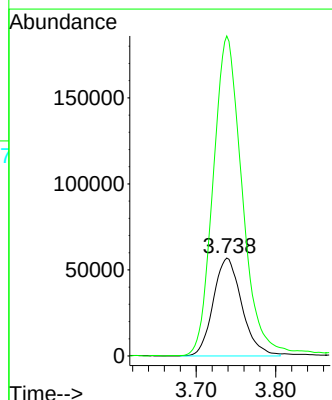
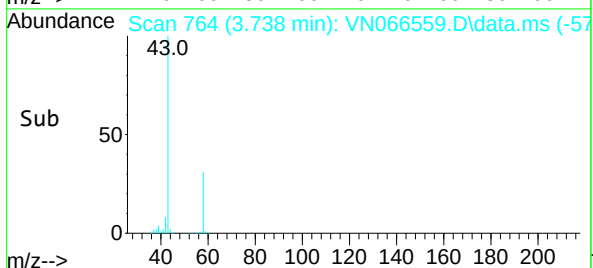
Tgt Ion:128 Resp: 48548
Ion Ratio Lower Upper
128 100
49 177.3 0.0 429.3
130 126.9 0.0 328.5



#15
Acetone
Concen: 304.52 ug/l
RT: 3.738 min Scan# 764
Delta R.T. 0.002 min
Lab File: VN066559.D
Acq: 9 Apr 2021 13:33



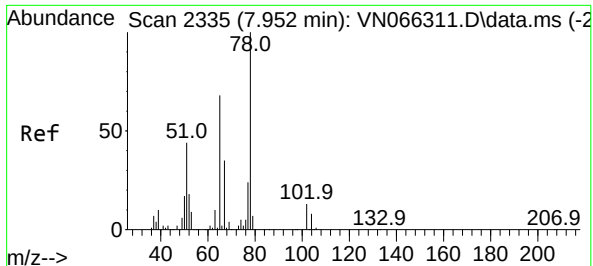
Tgt Ion: 58 Resp: 142333
Ion Ratio Lower Upper
58 100
43 326.1 267.3 400.9



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

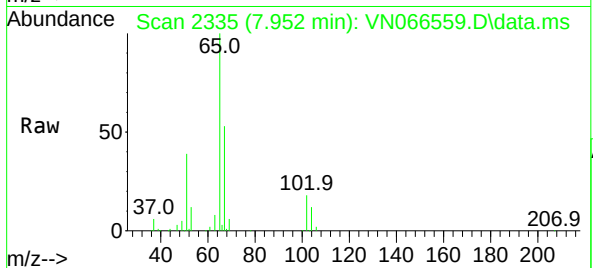
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#27
1,2-Dichloroethane-d4
Concen: 30.27 ug/l
RT: 7.952 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VN066559.D
Acq: 9 Apr 2021 13:33

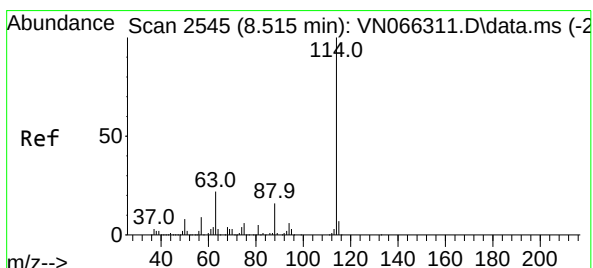
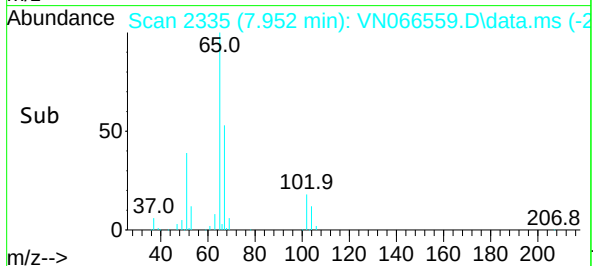
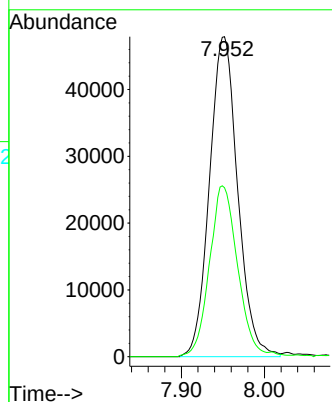
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(APR)



Tgt Ion: 65 Resp: 112963
Ion Ratio Lower Upper
65 100
67 52.9 42.2 63.4

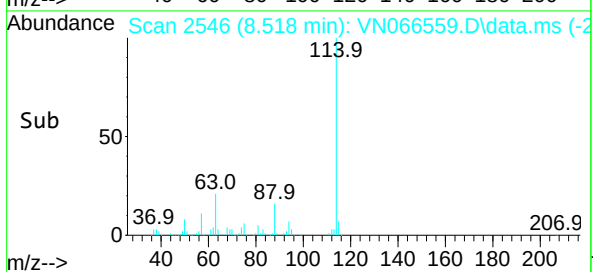
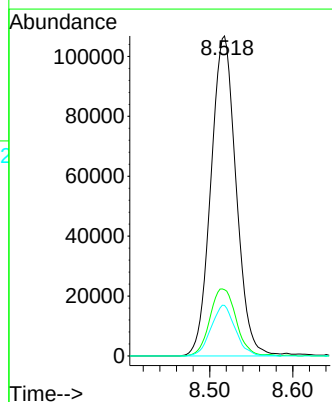
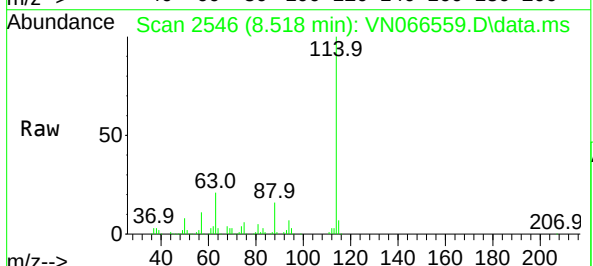
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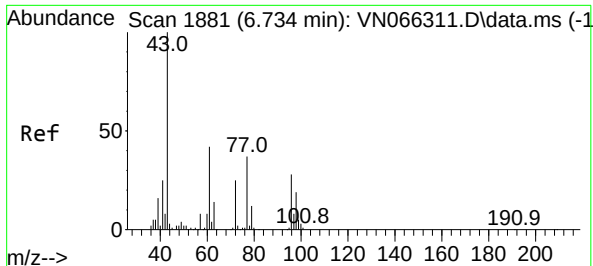
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#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.518 min Scan# 2546
Delta R.T. 0.003 min
Lab File: VN066559.D
Acq: 9 Apr 2021 13:33

Tgt Ion: 114 Resp: 224475
Ion Ratio Lower Upper
114 100
63 21.8 17.4 26.0
88 15.3 12.6 19.0





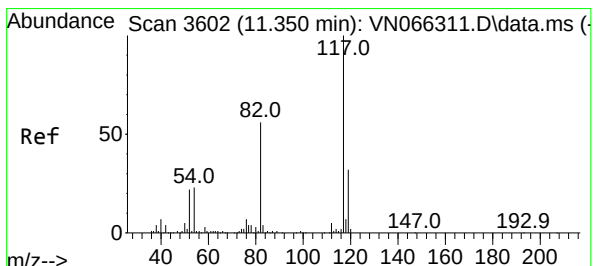
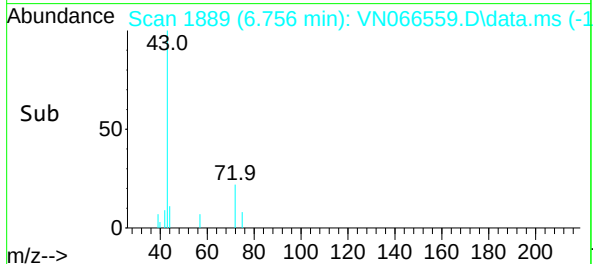
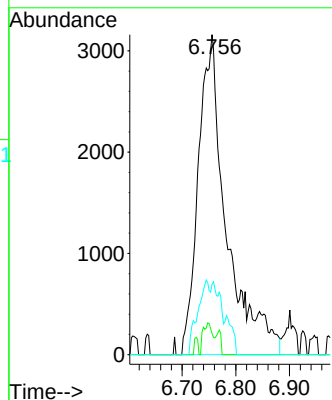
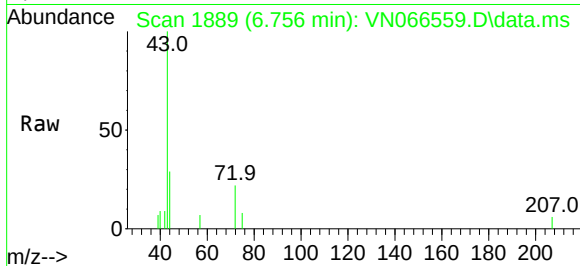
#30
2-Butanone
Concen: 5.82 ug/l m
RT: 6.756 min Scan# 1889
Delta R.T. 0.022 min
Lab File: VN066559.D
Acq: 9 Apr 2021 13:33

Tgt Ion: 43 Resp: 11454
Ion Ratio Lower Upper
43 100
57 2.4 6.9 10.3#
72 5.2 20.9 31.3#

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

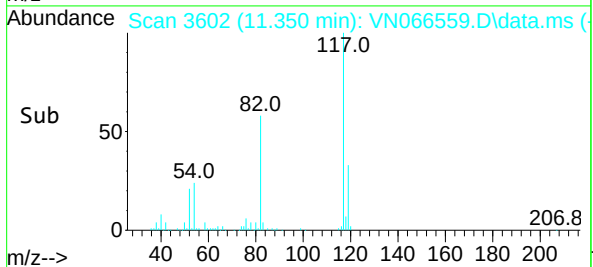
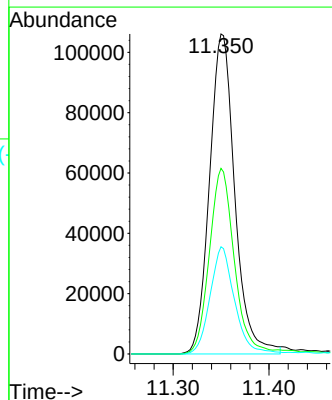
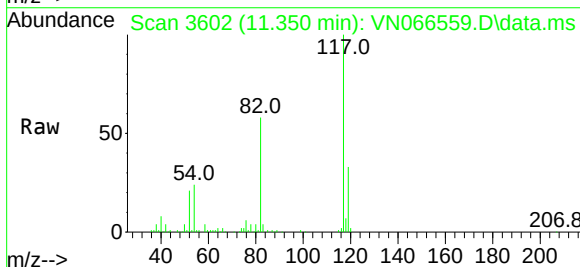
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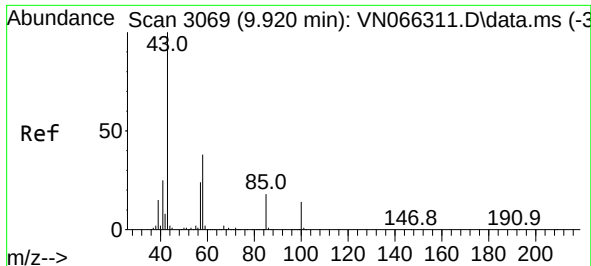
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#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. -0.000 min
Lab File: VN066559.D
Acq: 9 Apr 2021 13:33

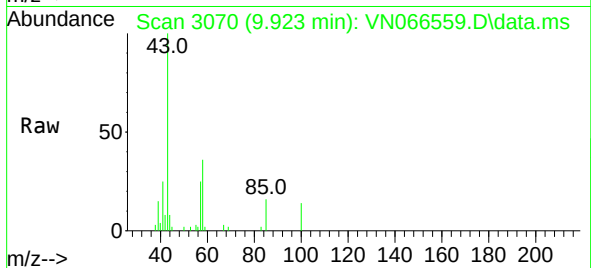
Tgt Ion: 117 Resp: 194282
Ion Ratio Lower Upper
117 100
82 56.9 45.0 67.6
119 32.4 25.5 38.3





#58
4-Methyl-2-Pentanone
Concen: 5.20 ug/l
RT: 9.923 min Scan# 3070
Delta R.T. 0.003 min
Lab File: VN066559.D
Acq: 9 Apr 2021 13:33

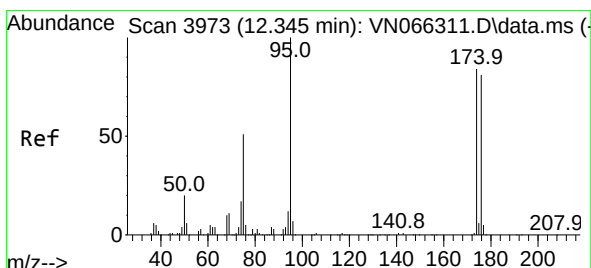
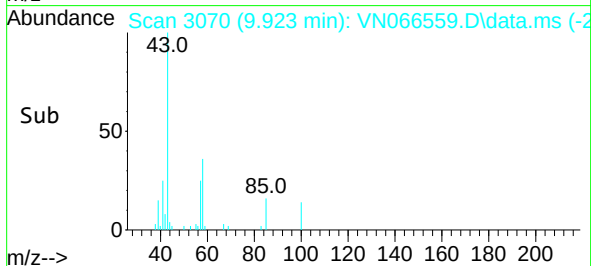
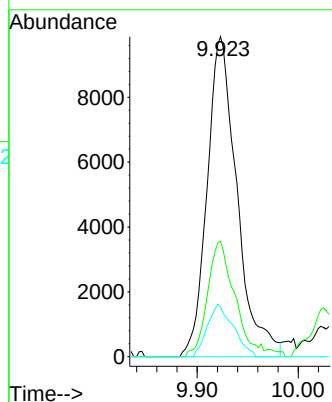
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ClientSampleId :
002-35TH-AVE(APR)



Tgt Ion:	43	Resp:	20244
Ion Ratio	Lower	Upper	
43	100		
58	32.4	30.4	45.6
85	14.2	13.8	20.8

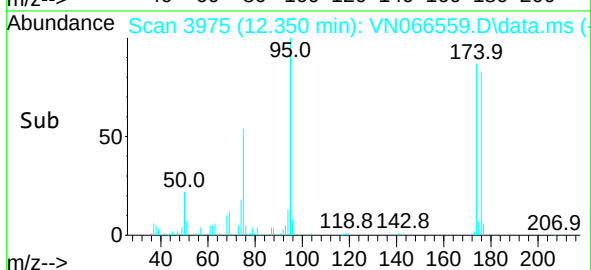
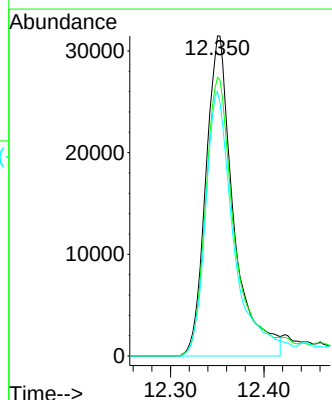
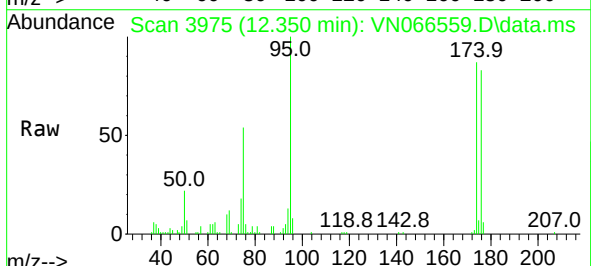
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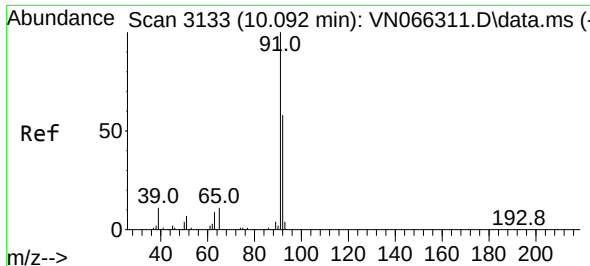
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#60
4-Bromofluorobenzene
Concen: 21.45 ug/l
RT: 12.350 min Scan# 3975
Delta R.T. 0.005 min
Lab File: VN066559.D
Acq: 9 Apr 2021 13:33

Tgt Ion:	95	Resp:	65027
Ion Ratio	Lower	Upper	
95	100		
174	89.4	68.1	102.1
176	85.1	65.4	98.0





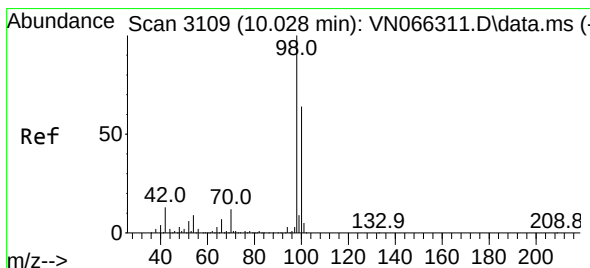
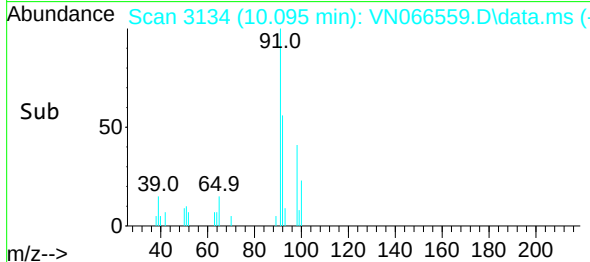
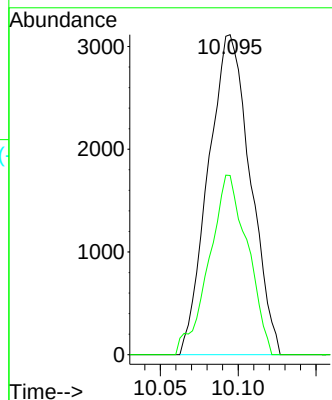
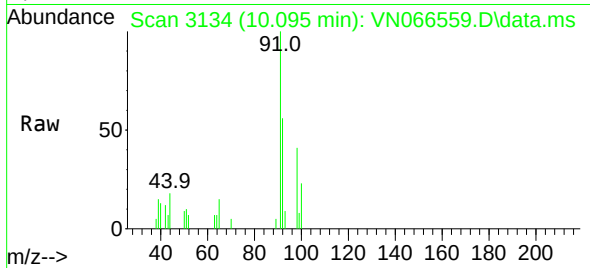
#62
Toluene
Concen: 0.54 ug/l
RT: 10.095 min Scan# 3134
Delta R.T. 0.003 min
Lab File: VN066559.D
Acq: 9 Apr 2021 13:33

Tgt Ion: 91 Resp: 5846
Ion Ratio Lower Upper
91 100
92 51.4 46.2 69.2

Instrument :
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4/12/2021 11:44:18 AM



#63
Toluene-d8
Concen: 31.89 ug/l
RT: 10.030 min Scan# 3110
Delta R.T. 0.002 min
Lab File: VN066559.D
Acq: 9 Apr 2021 13:33

Tgt Ion: 98 Resp: 290734
Ion Ratio Lower Upper
98 100
100 62.4 51.1 76.7

