

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033121\
 Data File : VN066442.D
 Acq On : 31 Mar 2021 14:34
 Operator : JC/MD
 Sample : M1835-01DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LMW01DL

Manual Integrations
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 4/1/2021 4:41:04 PM

Quant Time: Apr 01 01:37:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 16:26:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.584	168	407677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	626165	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	551512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	250783	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	290171	53.54	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.08%			
35) Dibromofluoromethane	7.507	113	222100	53.50	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.00%			
50) Toluene-d8	10.028	98	846673	53.77	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.54%			
62) 4-Bromofluorobenzene	12.345	95	276721	50.60	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.20%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.704	59	470253	568.97	ug/l #	84
16) Acetone	3.741	43	13291	4.54	ug/l #	84
31) Cyclohexane	7.574	56	35005	4.67	ug/l #	81
39) Methylcyclohexane	9.011	83	9074	1.27	ug/l	92
40) Benzene	7.963	78	828537	46.64	ug/l	98
52) Toluene	10.092	92	434599	39.85	ug/l	98
67) Ethyl Benzene	11.452	91	848246	42.50	ug/l	100
68) m/p-Xylenes	11.562	106	869768	114.69	ug/l	99
69) o-Xylene	11.889	106	283732	38.78	ug/l	99
73) Isopropylbenzene	12.192	105	39945	2.14	ug/l	98
78) n-propylbenzene	12.535	91	79023	3.90	ug/l	97
80) 1,3,5-Trimethylbenzene	12.678	105	114600	7.51	ug/l	96
84) 1,2,4-Trimethylbenzene	12.983	105	728785	49.16	ug/l	99
85) sec-Butylbenzene	13.117	105	7126m	0.42	ug/l	
89) n-Butylbenzene	13.563	91	4369m	0.35	ug/l	
95) Naphthalene	15.070	128	221789	16.49	ug/l	100

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

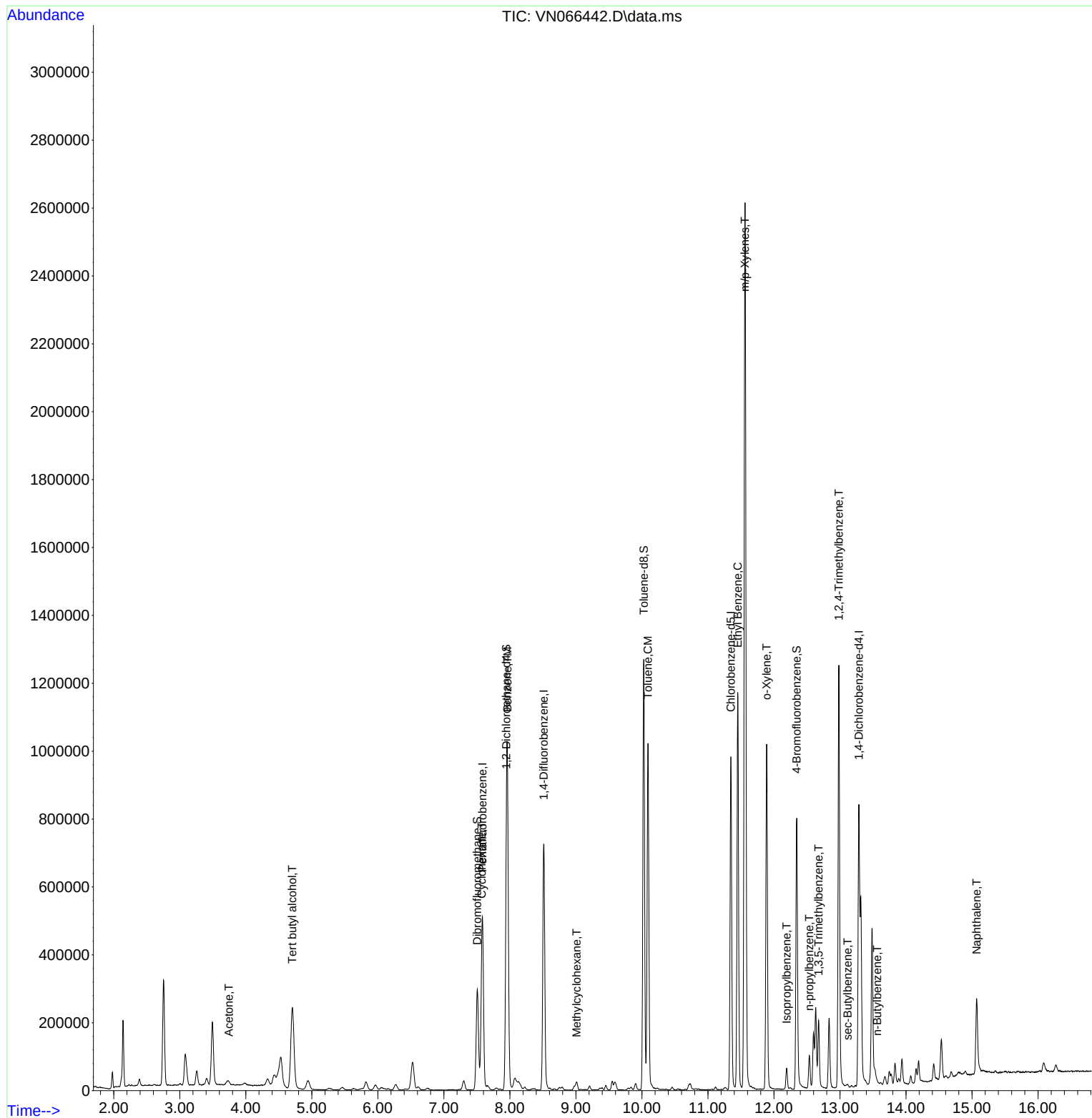
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033121\
Data File : VN066442.D
Acq On : 31 Mar 2021 14:34
Operator : JC/MD
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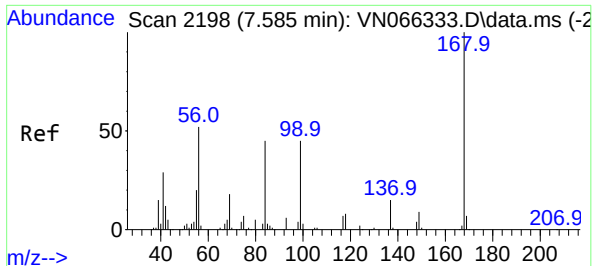
Instrument :
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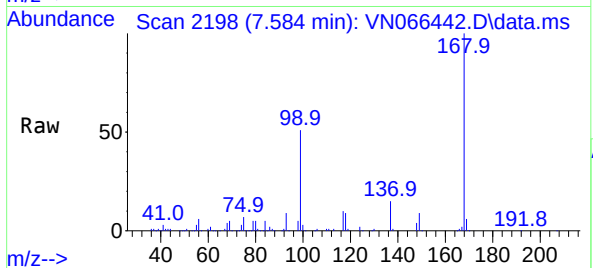
Quant Time: Apr 01 01:37:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 26 16:26:01 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.001 min
Lab File: VN066442.D
Acq: 31 Mar 2021 14:34

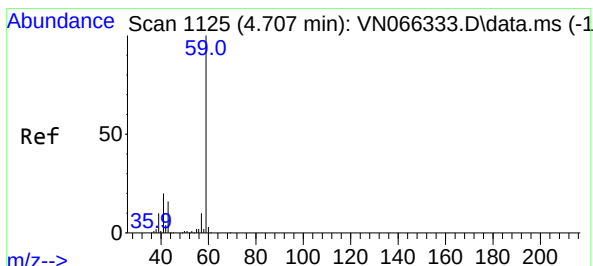
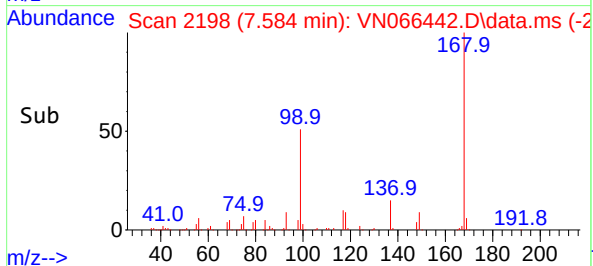
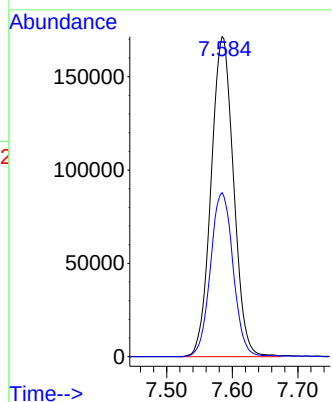
Instrument :
MSVOA_N
ClientSampleId :
LMW01DL



Tgt Ion:168 Resp: 407677
Ion Ratio Lower Upper
168 100
99 51.2 41.1 61.7

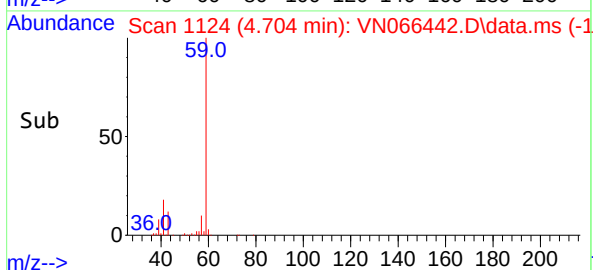
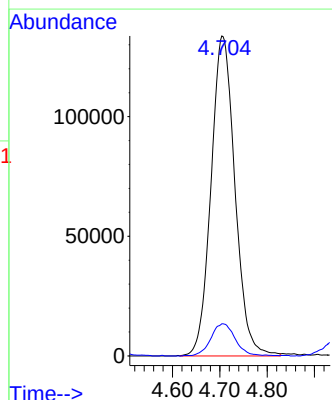
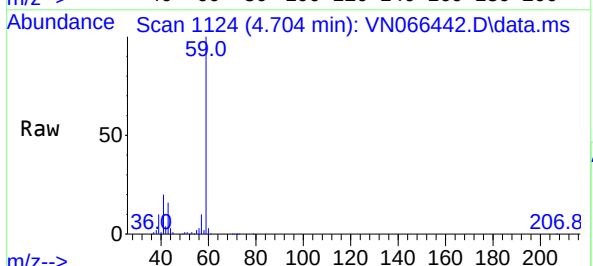
Manual Integrations
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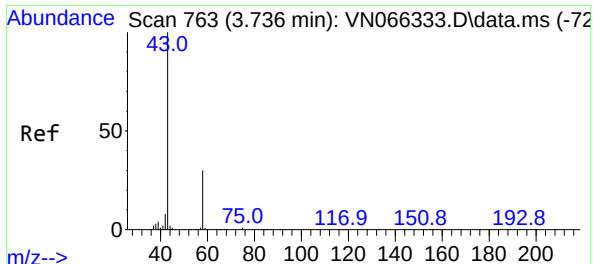
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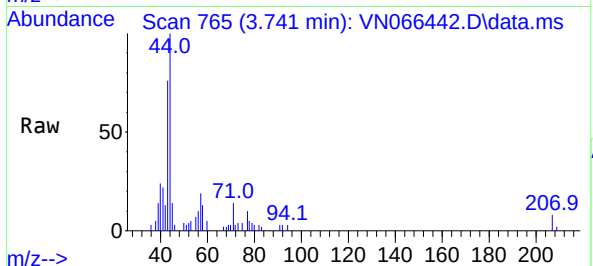
#11
Tert butyl alcohol
Concen: 568.97 ug/l
RT: 4.704 min Scan# 1124
Delta R.T. -0.003 min
Lab File: VN066442.D
Acq: 31 Mar 2021 14:34

Tgt Ion: 59 Resp: 470253
Ion Ratio Lower Upper
59 100
57 10.3 4.1 6.1#

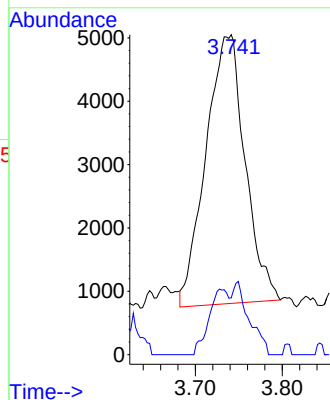
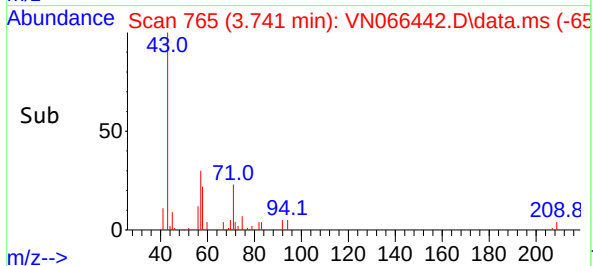




#16
Acetone
Concen: 4.54 ug/l
RT: 3.741 min Scan# 765
Delta R.T. 0.005 min
Lab File: VN066442.D
Acq: 31 Mar 2021 14:34



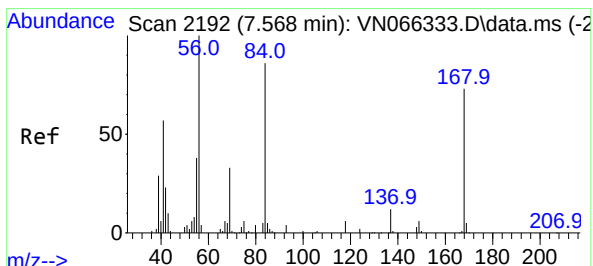
Tgt Ion: 43 Resp: 13291
Ion Ratio Lower Upper
43 100
58 21.4 23.8 35.8#



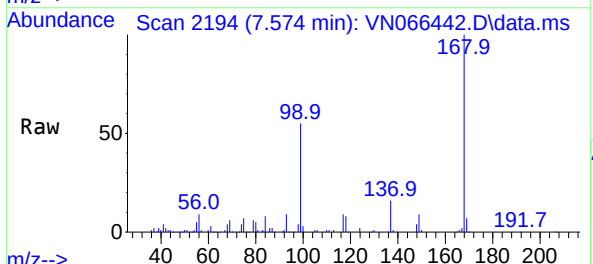
Instrument :
MSVOA_N
ClientSampled :
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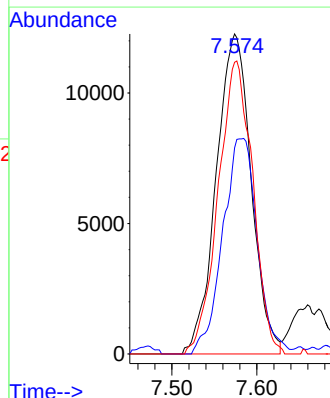
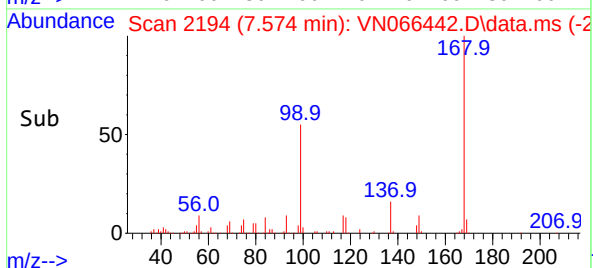
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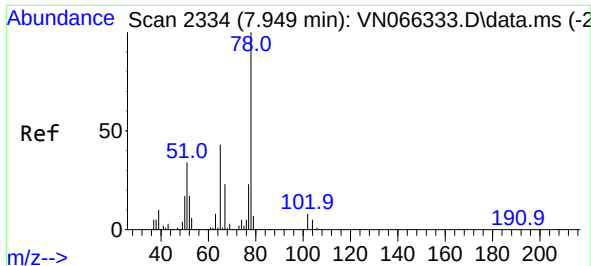


#31
Cyclohexane
Concen: 4.67 ug/l
RT: 7.574 min Scan# 2194
Delta R.T. 0.005 min
Lab File: VN066442.D
Acq: 31 Mar 2021 14:34



Tgt Ion: 56 Resp: 35005
Ion Ratio Lower Upper
56 100
69 64.4 26.6 40.0#
84 91.2 68.7 103.1





#33

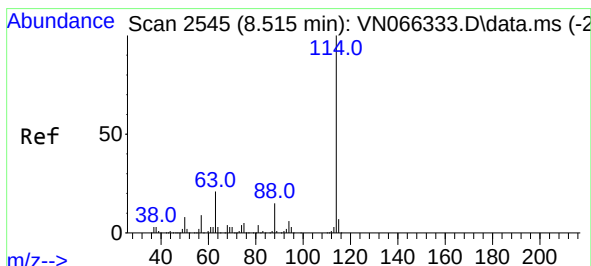
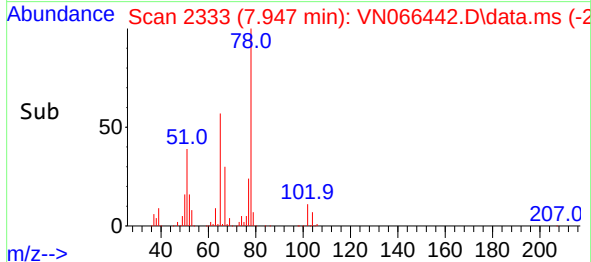
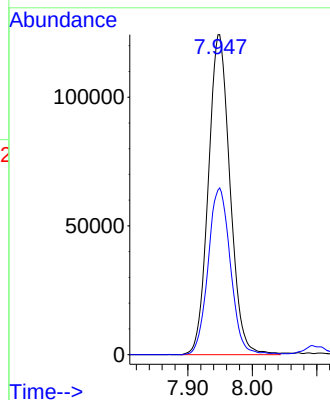
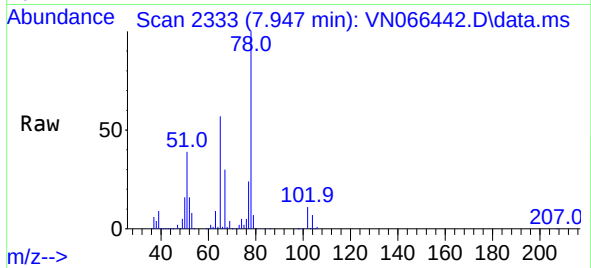
1,2-Dichloroethane-d4
Concen: 53.54 ug/l
RT: 7.947 min Scan# 2333
Delta R.T. -0.002 min
Lab File: VN066442.D
Acq: 31 Mar 2021 14:34

Tgt Ion: 65 Resp: 290171
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.2

Instrument :
MSVOA_N
ClientSampleId :
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Manual Integrations
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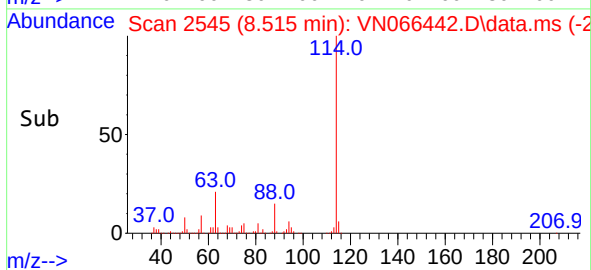
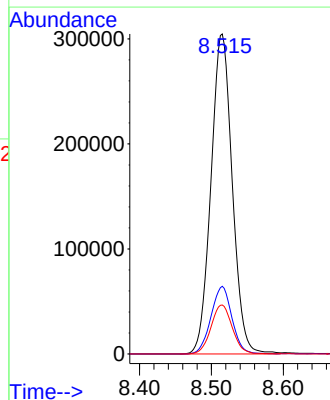
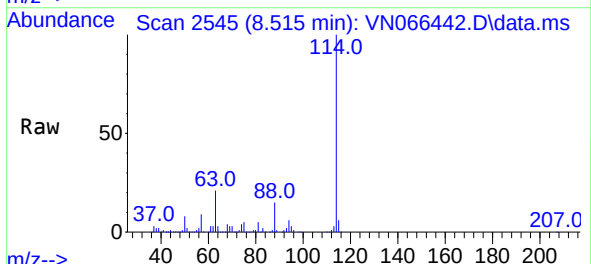
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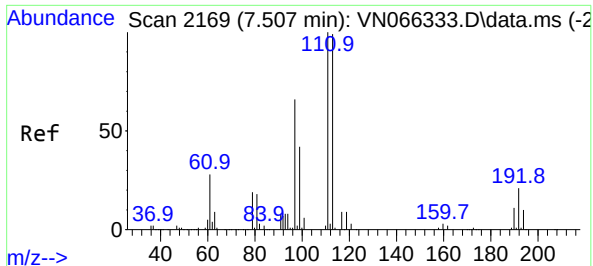


#34

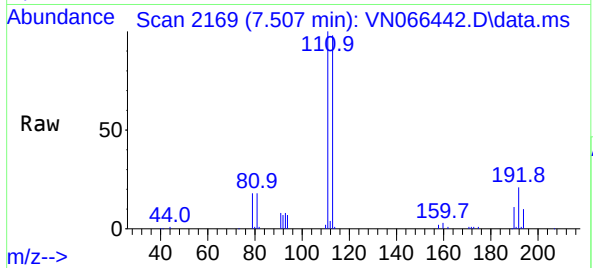
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2545
Delta R.T. 0.000 min
Lab File: VN066442.D
Acq: 31 Mar 2021 14:34

Tgt Ion: 114 Resp: 626165
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.0
88 15.3 0.0 31.0

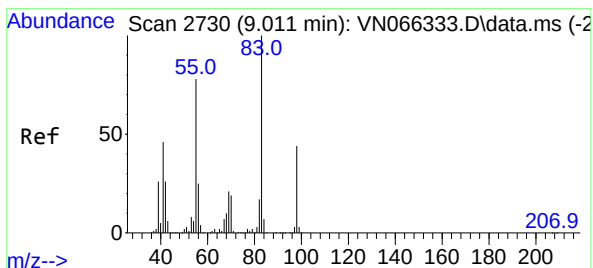
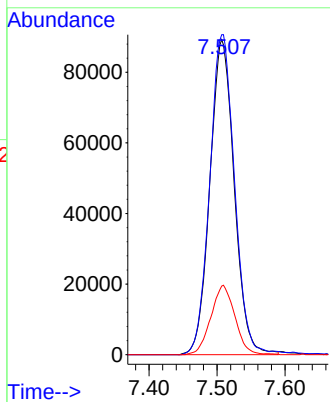
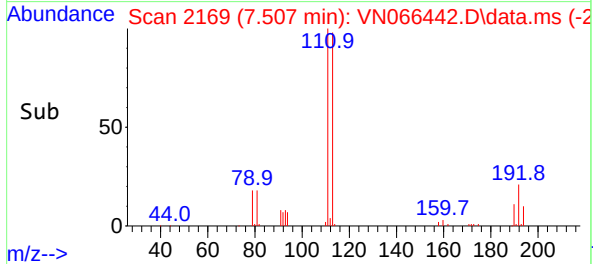




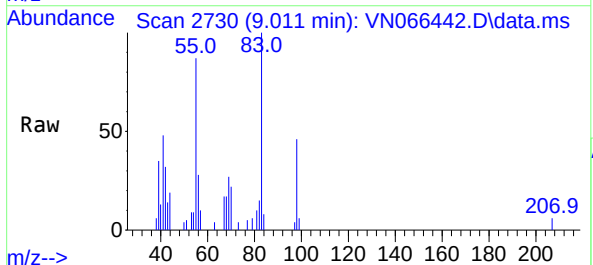
#35
Dibromofluoromethane
Concen: 53.50 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VN066442.D
Acq: 31 Mar 2021 14:34



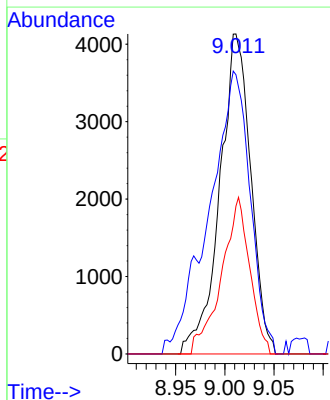
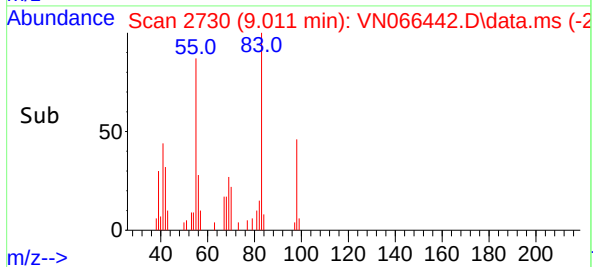
Tgt Ion: 113 Resp: 222100
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.8
192 21.7 17.1 25.7



#39
Methylcyclohexane
Concen: 1.27 ug/l
RT: 9.011 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VN066442.D
Acq: 31 Mar 2021 14:34



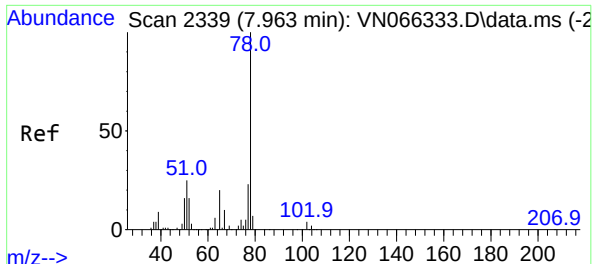
Tgt Ion: 83 Resp: 9074
Ion Ratio Lower Upper
83 100
55 87.2 62.3 93.5
98 46.2 35.6 53.4



Instrument :
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LMW01DL

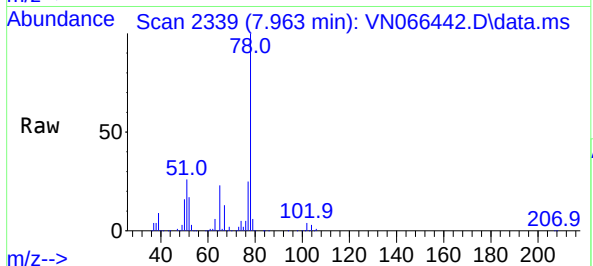
Manual Integrations
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#40
Benzene
Concen: 46.64 ug/l
RT: 7.963 min Scan# 2339
Delta R.T. -0.000 min
Lab File: VN066442.D
Acq: 31 Mar 2021 14:34

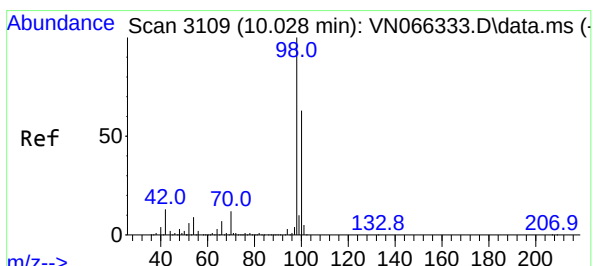
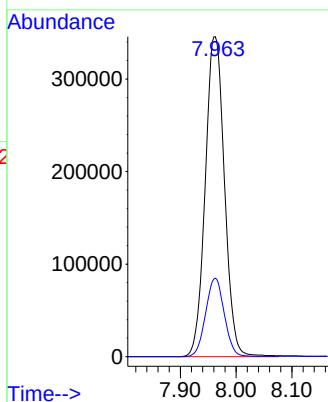
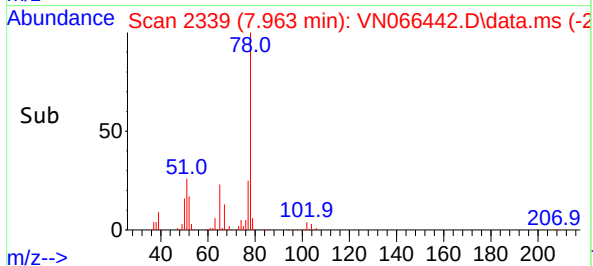
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MSVOA_N
ClientSampled :
LMW01DL



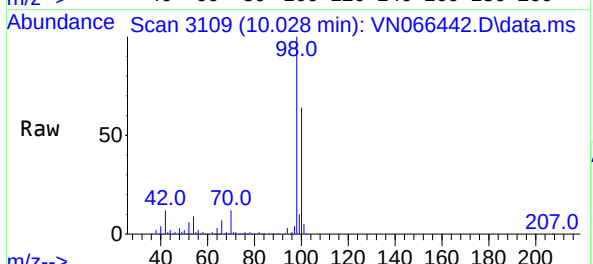
Tgt Ion: 78 Resp: 828537
Ion Ratio Lower Upper
78 100
77 24.6 18.7 28.1

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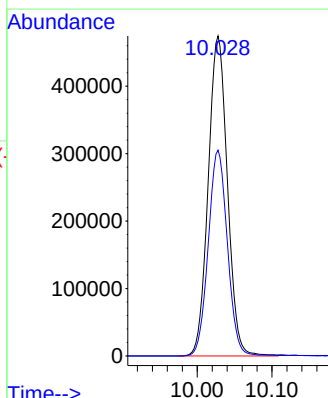
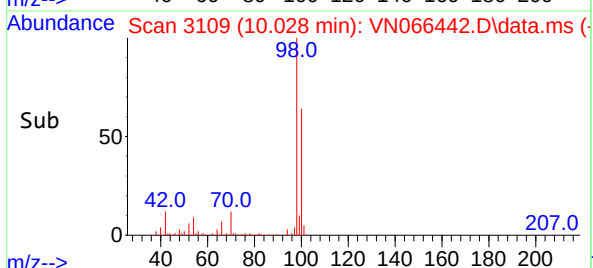
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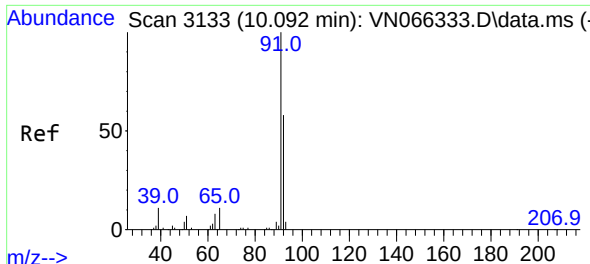


#50
Toluene-d8
Concen: 53.77 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066442.D
Acq: 31 Mar 2021 14:34



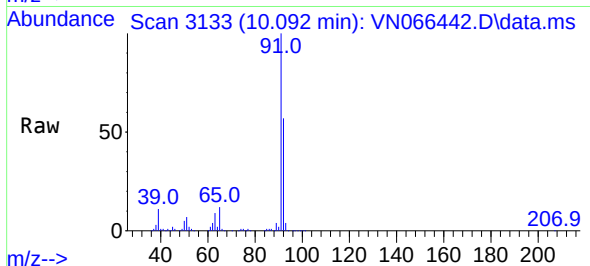
Tgt Ion: 98 Resp: 846673
Ion Ratio Lower Upper
98 100
100 63.9 50.5 75.7





#52
Toluene
Concen: 39.85 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VN066442.D
Acq: 31 Mar 2021 14:34

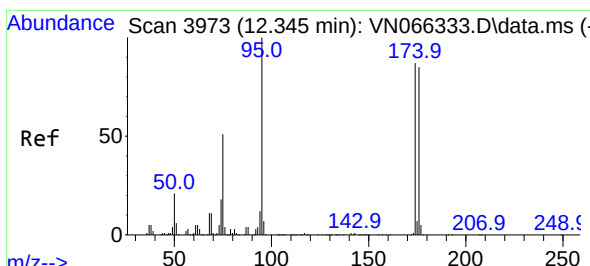
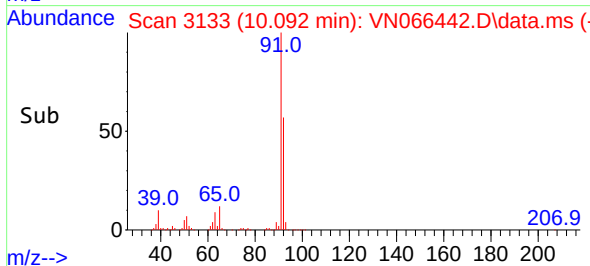
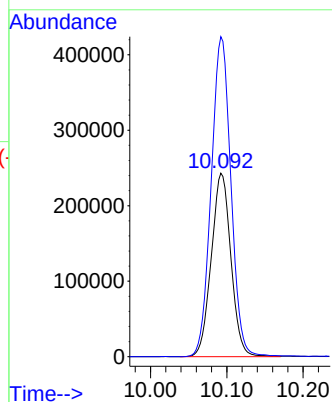
Instrument :
MSVOA_N
ClientSampleId :
LMW01DL



Tgt Ion: 92 Resp: 434599
Ion Ratio Lower Upper
92 100
91 175.7 138.8 208.2

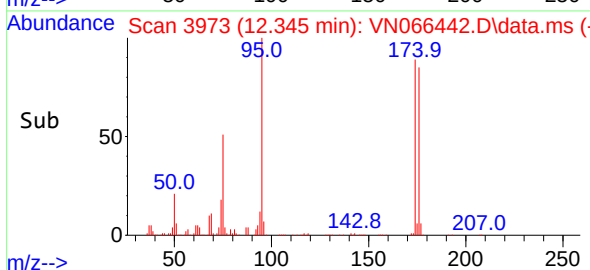
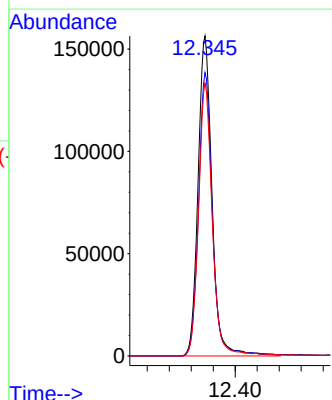
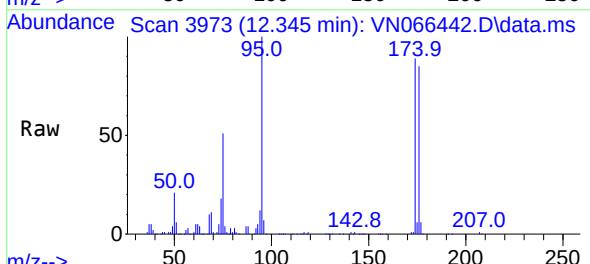
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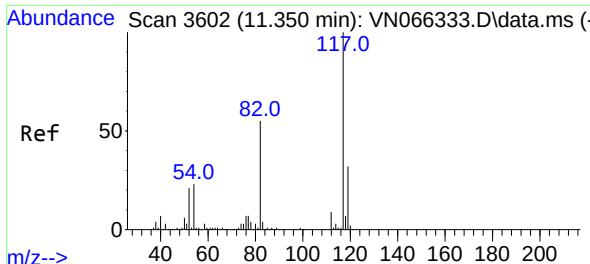
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#62
4-Bromofluorobenzene
Concen: 50.60 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VN066442.D
Acq: 31 Mar 2021 14:34

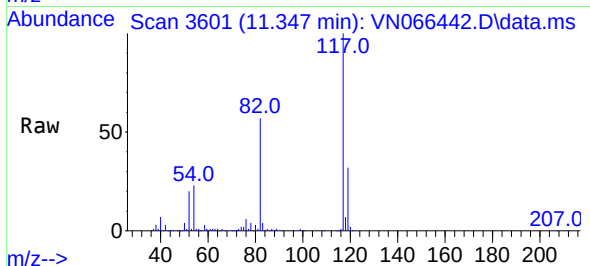
Tgt Ion: 95 Resp: 276721
Ion Ratio Lower Upper
95 100
174 86.5 0.0 172.2
176 82.9 0.0 167.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066442.D
Acq: 31 Mar 2021 14:34

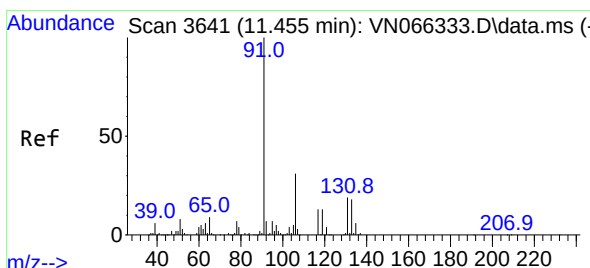
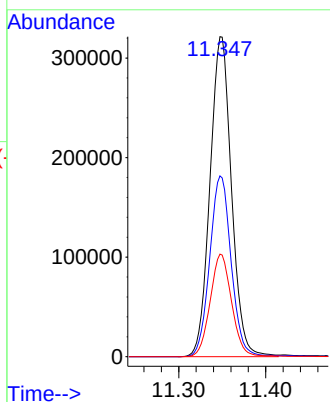
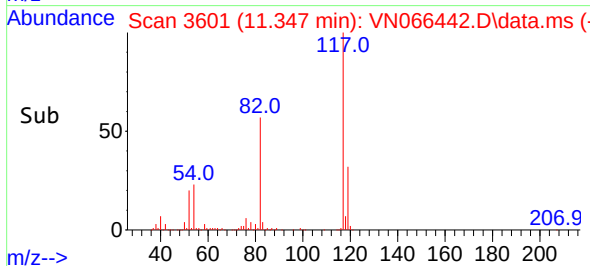
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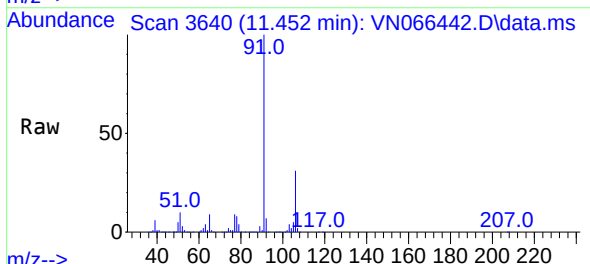
Tgt Ion: 117 Resp: 551512
Ion Ratio Lower Upper
117 100
82 56.5 44.2 66.4
119 32.1 25.8 38.6

Manual Integrations
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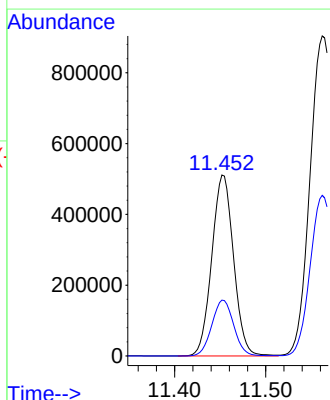
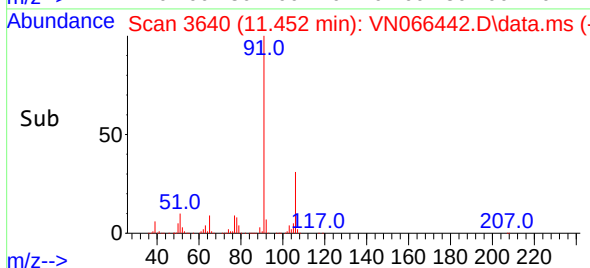
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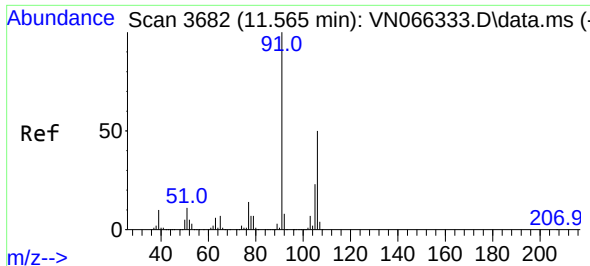


#67
Ethyl Benzene
Concen: 42.50 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.003 min
Lab File: VN066442.D
Acq: 31 Mar 2021 14:34



Tgt Ion: 91 Resp: 848246
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1





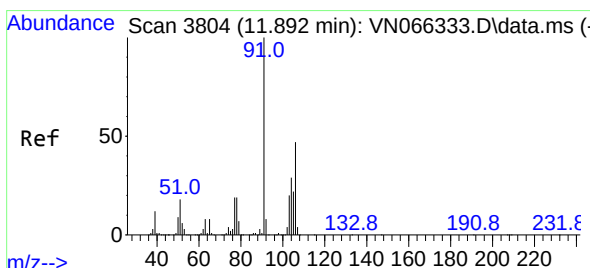
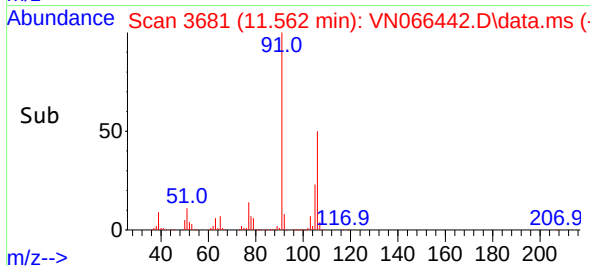
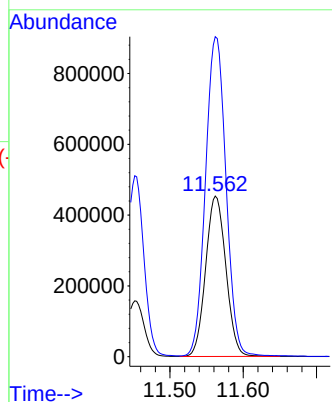
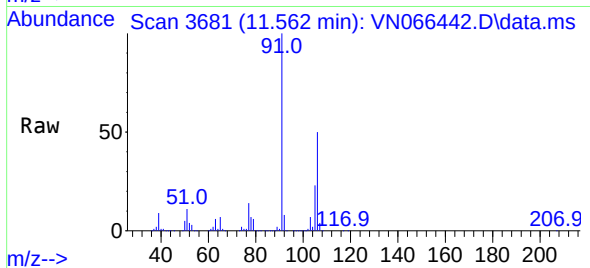
#68
m/p-Xylenes
Concen: 114.69 ug/l
RT: 11.562 min Scan# 3681
Delta R.T. -0.003 min
Lab File: VN066442.D
Acq: 31 Mar 2021 14:34

Instrument :
MSVOA_N
ClientSampleId :
LMW01DL

Tgt Ion:106 Resp: 869768
Ion Ratio Lower Upper
106 100
91 202.5 162.7 244.1

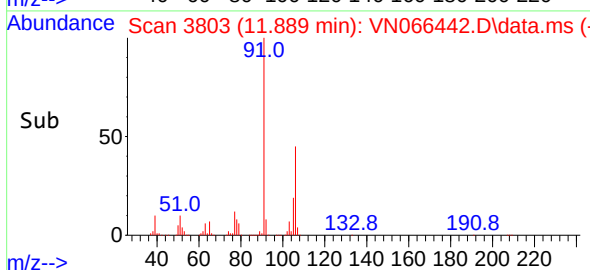
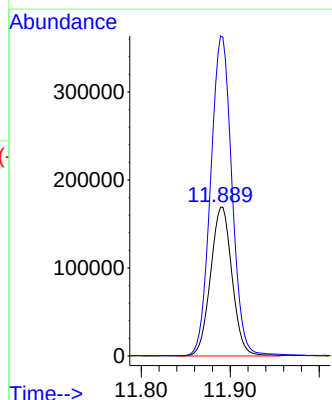
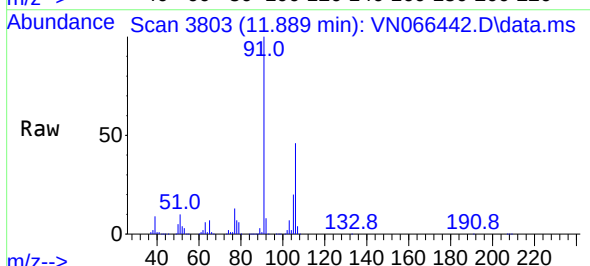
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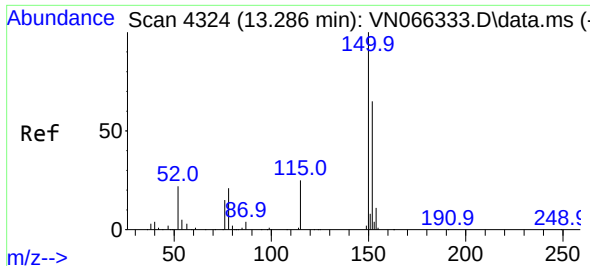
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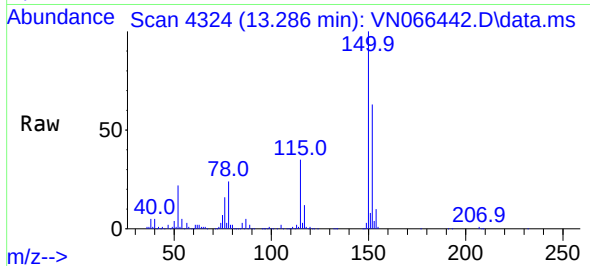
#69
o-Xylene
Concen: 38.78 ug/l
RT: 11.889 min Scan# 3803
Delta R.T. -0.003 min
Lab File: VN066442.D
Acq: 31 Mar 2021 14:34

Tgt Ion:106 Resp: 283732
Ion Ratio Lower Upper
106 100
91 213.0 107.1 321.4

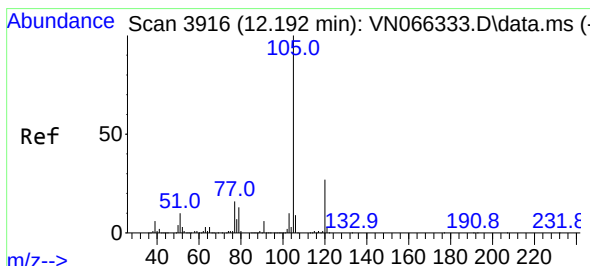
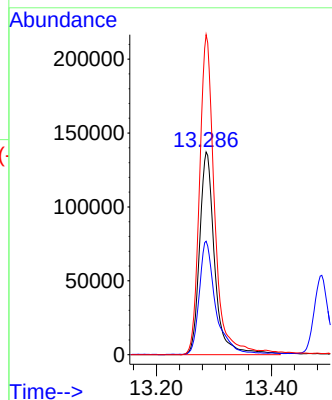
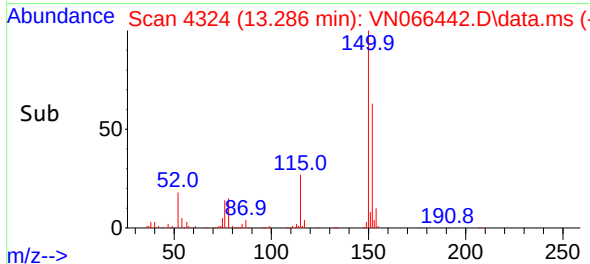




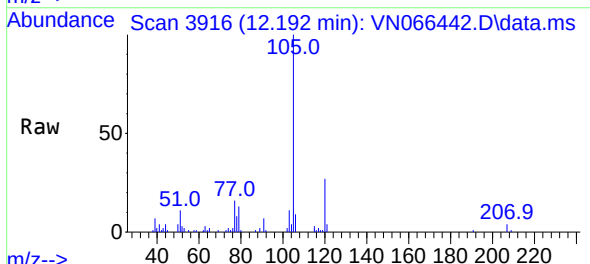
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066442.D
Acq: 31 Mar 2021 14:34



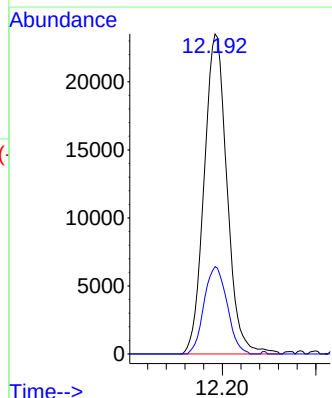
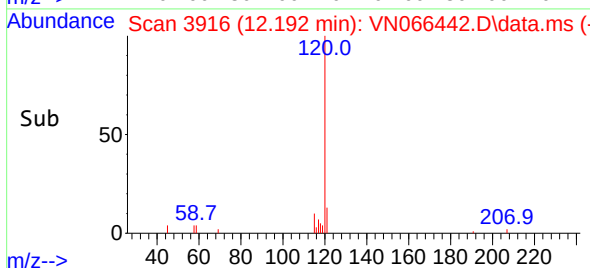
Tgt Ion:152 Resp: 250783
Ion Ratio Lower Upper
152 100
115 60.6 27.8 83.4
150 156.0 0.0 348.4



#73
Isopropylbenzene
Concen: 2.14 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. -0.000 min
Lab File: VN066442.D
Acq: 31 Mar 2021 14:34



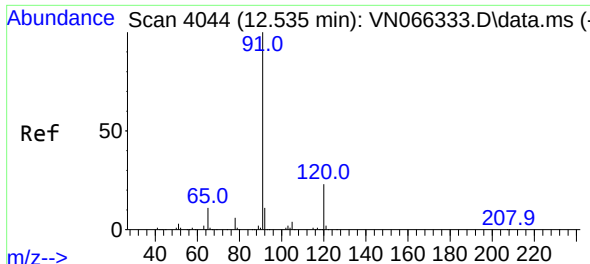
Tgt Ion:105 Resp: 39945
Ion Ratio Lower Upper
105 100
120 27.4 13.3 39.8



Instrument :
MSVOA_N
ClientSampled :
LMW01DL

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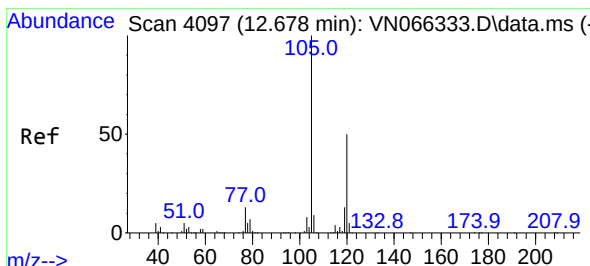
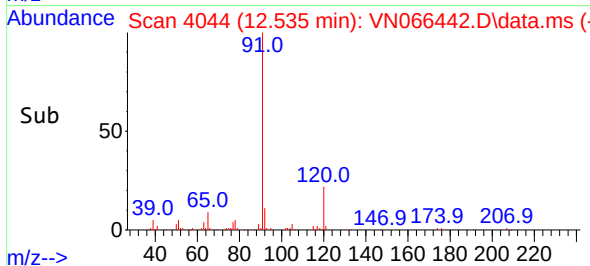
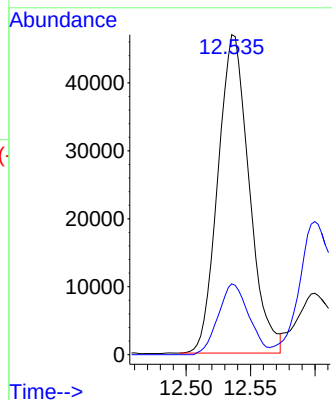
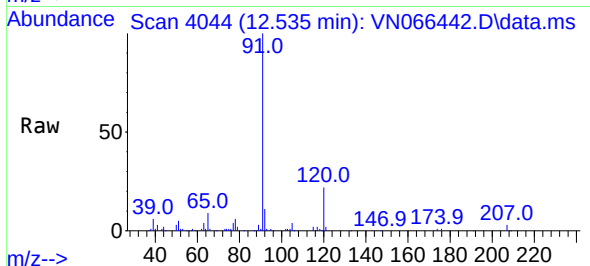
#78
n-propylbenzene
Concen: 3.90 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. -0.000 min
Lab File: VN066442.D
Acq: 31 Mar 2021 14:34

Tgt Ion: 91 Resp: 79023
Ion Ratio Lower Upper
91 100
120 21.9 11.7 35.1

Instrument :
MSVOA_N
ClientSampled :
LMW01DL

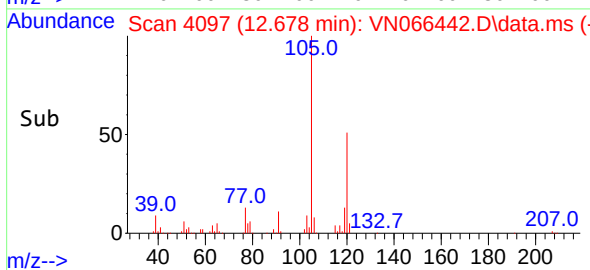
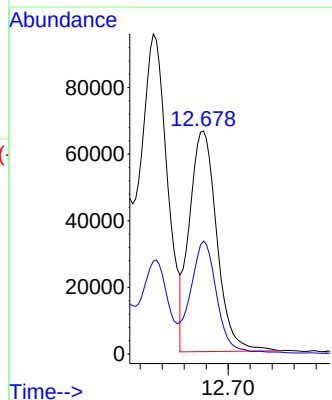
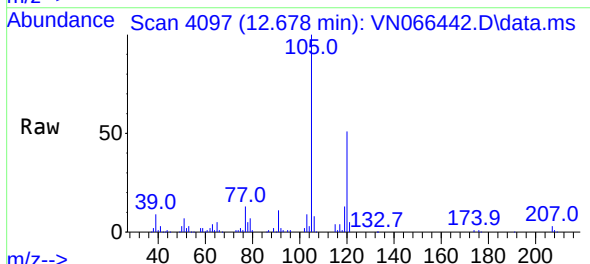
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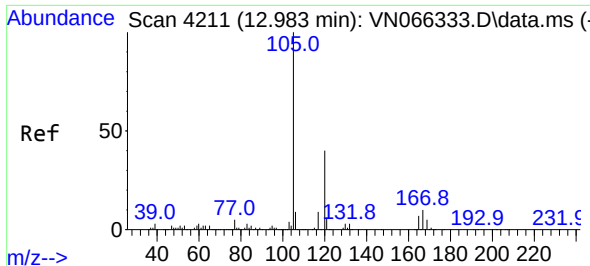
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4/1/2021 4:41:04 PM



#80
1,3,5-Trimethylbenzene
Concen: 7.51 ug/l
RT: 12.678 min Scan# 4097
Delta R.T. -0.000 min
Lab File: VN066442.D
Acq: 31 Mar 2021 14:34

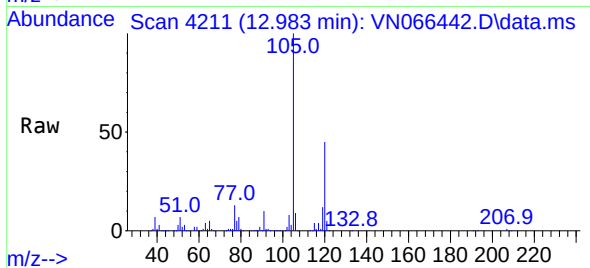
Tgt Ion:105 Resp: 114600
Ion Ratio Lower Upper
105 100
120 46.0 24.5 73.5





#84
1,2,4-Trimethylbenzene
Concen: 49.16 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. -0.000 min
Lab File: VN066442.D
Acq: 31 Mar 2021 14:34

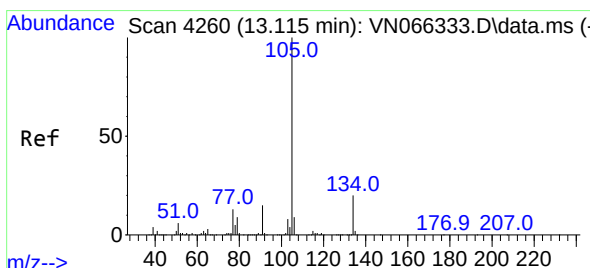
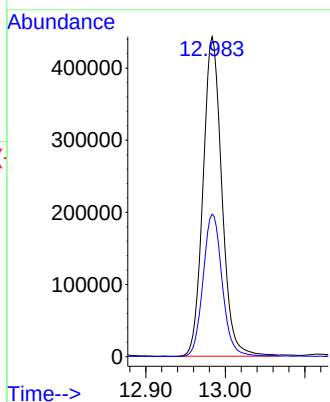
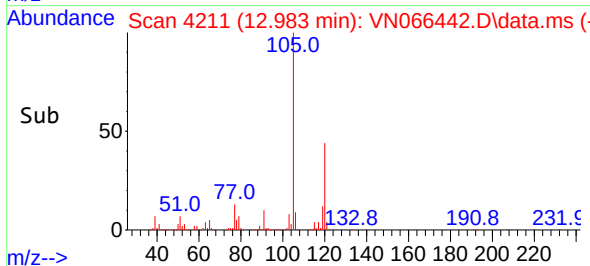
Instrument :
MSVOA_N
ClientSampleId :
LMW01DL



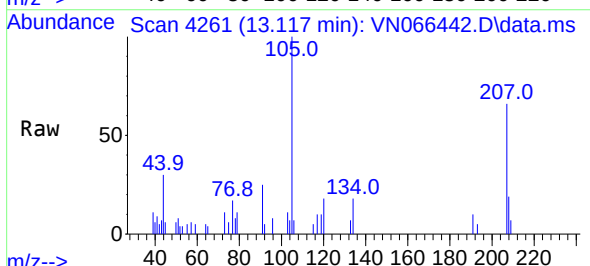
Tgt Ion:105 Resp: 728785
Ion Ratio Lower Upper
105 100
120 45.4 23.1 69.2

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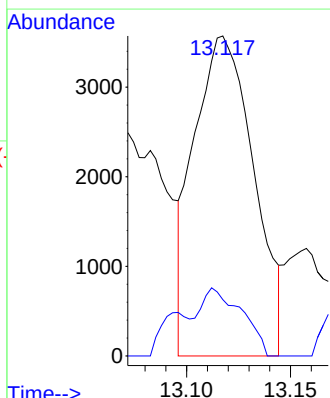
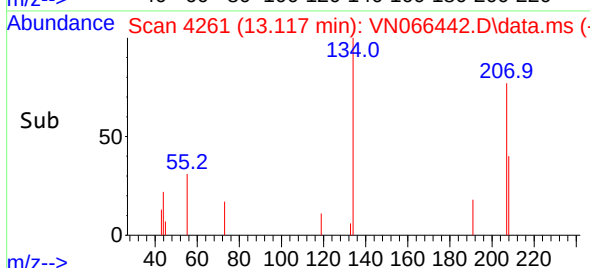
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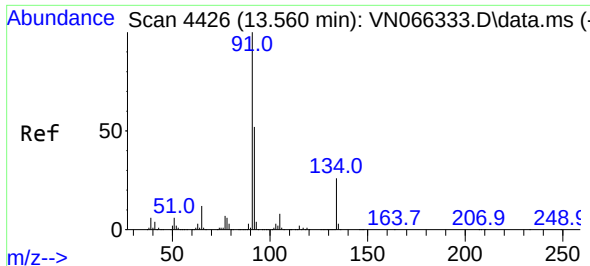


#85
sec-Butylbenzene
Concen: 0.42 ug/l m
RT: 13.117 min Scan# 4261
Delta R.T. 0.003 min
Lab File: VN066442.D
Acq: 31 Mar 2021 14:34

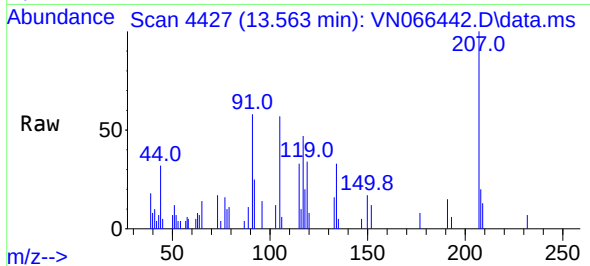


Tgt Ion:105 Resp: 7126
Ion Ratio Lower Upper
105 100
134 0.0 9.9 29.7#

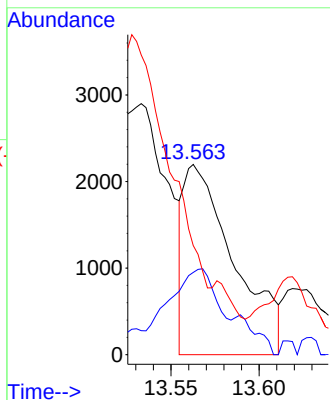
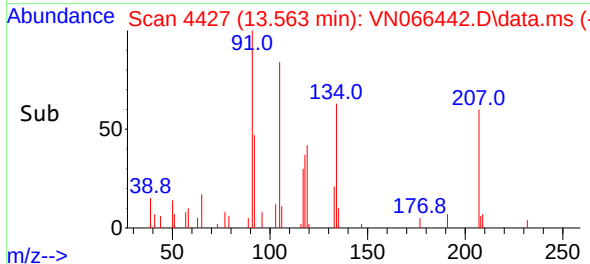




#89
n-Butylbenzene
Concen: 0.35 ug/l m
RT: 13.563 min Scan# 4427
Delta R.T. 0.003 min
Lab File: VN066442.D
Acq: 31 Mar 2021 14:34



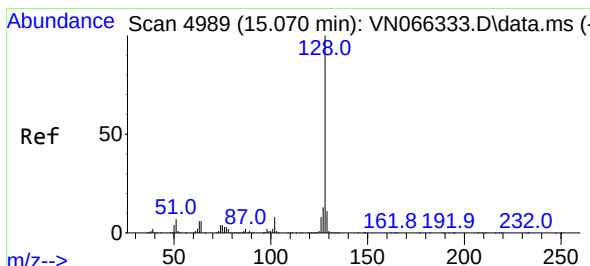
Tgt Ion: 91 Resp: 4369
Ion Ratio Lower Upper
91 100
92 102.0 26.1 78.3#
134 0.0 12.8 38.4#



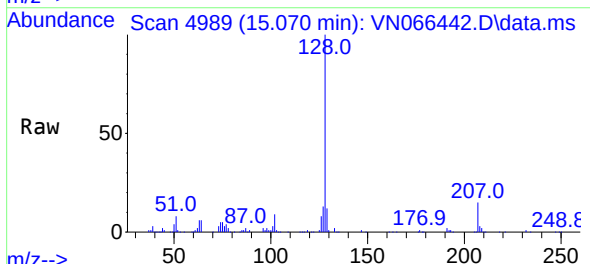
Instrument :
MSVOA_N
ClientSampled :
LMW01DL

Manual Integrations
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4/1/2021 4:41:04 PM



#95
Naphthalene
Concen: 16.49 ug/l
RT: 15.070 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN066442.D
Acq: 31 Mar 2021 14:34



Tgt Ion: 128 Resp: 221789
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.7 8.5 12.7

