

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033121\
 Data File : VN066440.D
 Acq On : 31 Mar 2021 13:48
 Operator : JC/MD
 Sample : M1835-07 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ASR8

Manual Integrations
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 4/1/2021 4:44:43 PM

Quant Time: Apr 01 01:36:53 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	434944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	664063	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	568033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	227052	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	311215	53.83	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.66%			
35) Dibromofluoromethane	7.507	113	241380	54.83	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.66%			
50) Toluene-d8	10.028	98	901169	53.97	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.94%			
62) 4-Bromofluorobenzene	12.345	95	275424	47.49	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.98%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.712	59	12290m	13.94	ug/l	
16) Acetone	3.736	43	28972	9.27	ug/l	94
19) Methyl tert-butyl Ether	4.943	73	147849	10.00	ug/l #	64
25) 2-Butanone	6.756	43	6647m	1.95	ug/l	
31) Cyclohexane	7.574	56	39569	4.94	ug/l #	81
39) Methylcyclohexane	9.009	83	15134	1.99	ug/l	91
40) Benzene	7.963	78	1733434	92.00	ug/l	100
52) Toluene	10.092	92	650235	56.22	ug/l	98
67) Ethyl Benzene	11.452	91	891262	43.36	ug/l	100
68) m/p-Xylenes	11.559	106	1322607	169.33	ug/l	99
69) o-Xylene	11.889	106	277892	36.87	ug/l	100
73) Isopropylbenzene	12.195	105	32238	1.91	ug/l	98
78) n-propylbenzene	12.538	91	90186	4.91	ug/l	98
80) 1,3,5-Trimethylbenzene	12.678	105	178988	12.96	ug/l	97
84) 1,2,4-Trimethylbenzene	12.983	105	564083	42.03	ug/l	98
95) Naphthalene	15.073	128	91703	8.10	ug/l	97

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

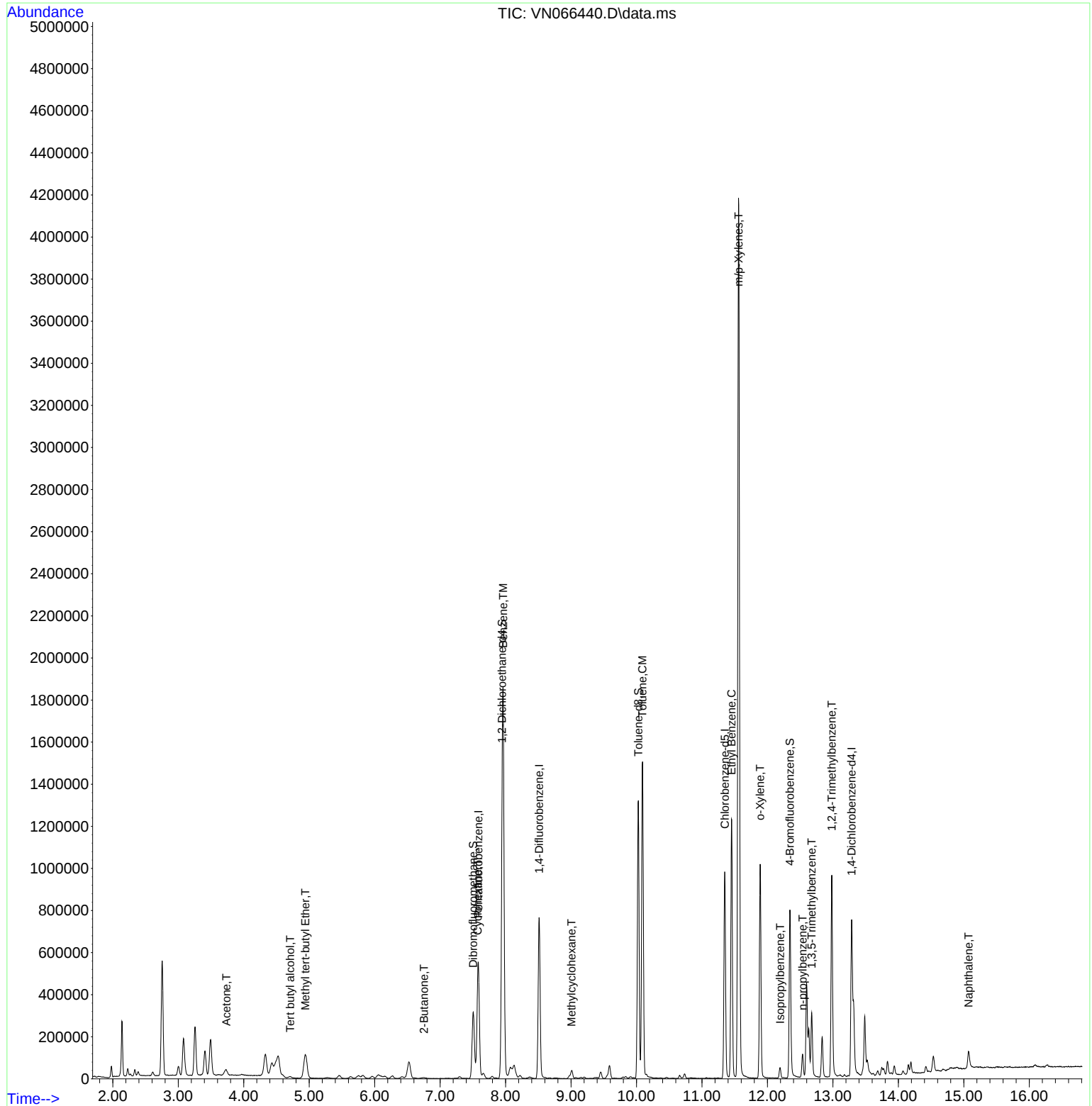
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033121\
Data File : VN066440.D
Acq On : 31 Mar 2021 13:48
Operator : JC/MD
Sample : M1835-07 10X
Misc : 5.00mL/MSVOA_N/WATER
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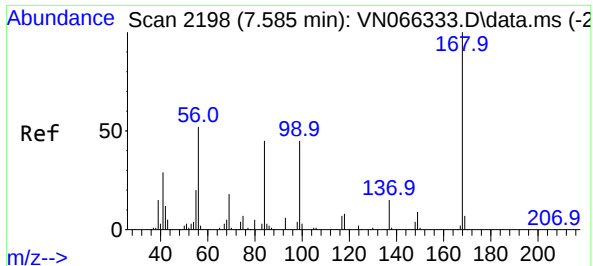
Instrument :
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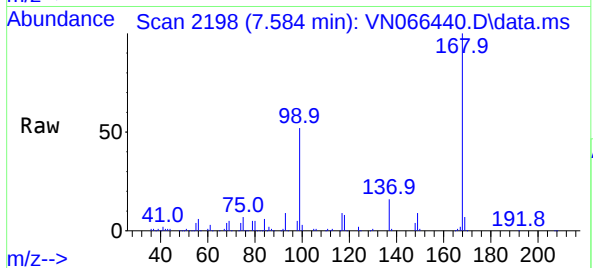
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 26 16:26:01 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.001 min
Lab File: VN066440.D
Acq: 31 Mar 2021 13:48

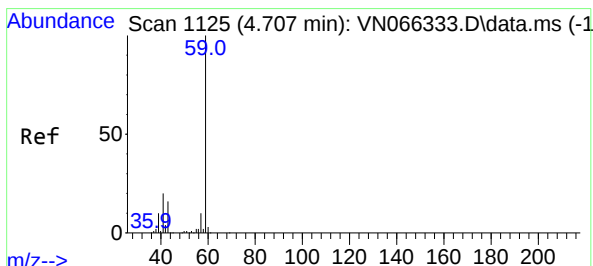
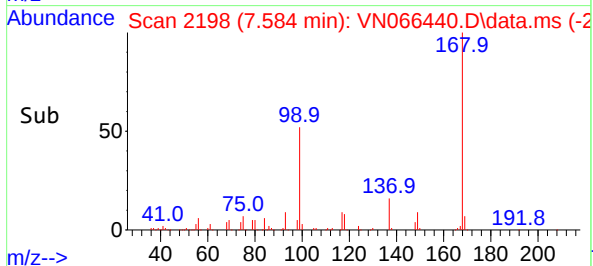
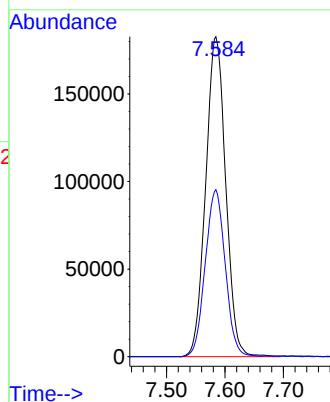
Instrument :
MSVOA_N
ClientSampled :
ASR8



Tgt Ion:168 Resp: 434944
Ion Ratio Lower Upper
168 100
99 52.2 41.1 61.7

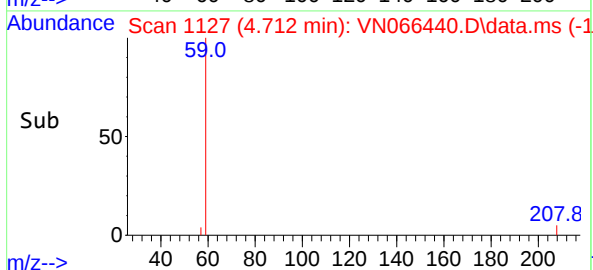
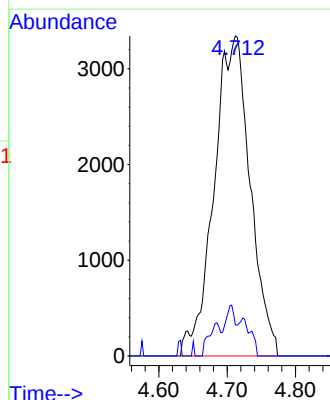
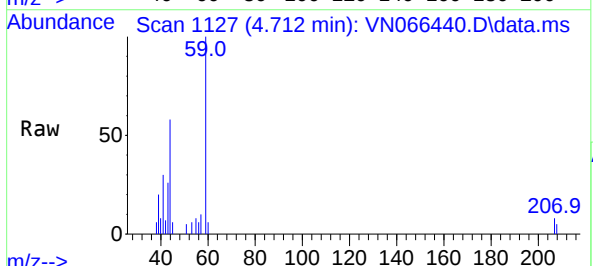
Manual Integrations
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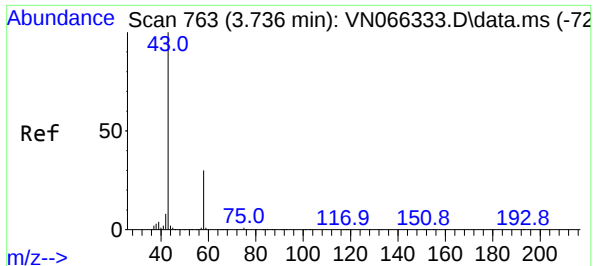
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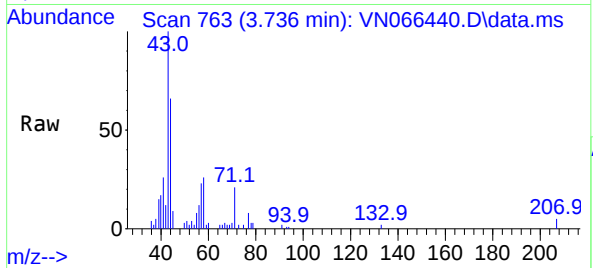
#11
Tert butyl alcohol
Concen: 13.94 ug/l m
RT: 4.712 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN066440.D
Acq: 31 Mar 2021 13:48

Tgt Ion: 59 Resp: 12290
Ion Ratio Lower Upper
59 100
57 0.0 4.1 6.1#

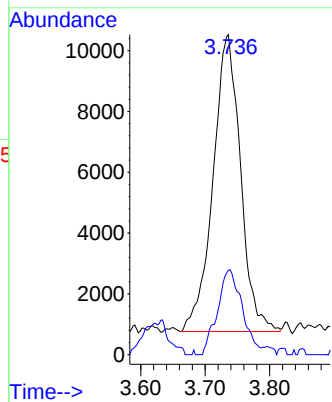
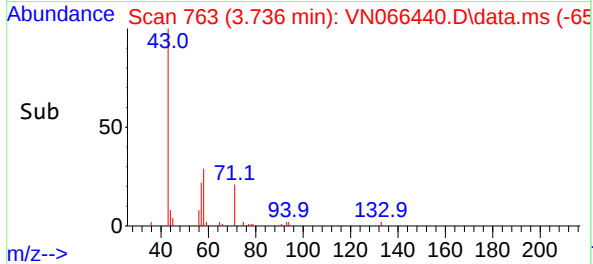




#16
Acetone
Concen: 9.27 ug/l
RT: 3.736 min Scan# 763
Delta R.T. -0.000 min
Lab File: VN066440.D
Acq: 31 Mar 2021 13:48



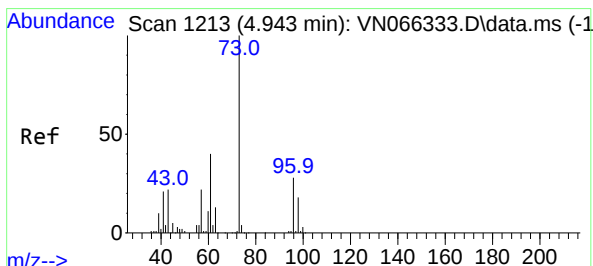
Tgt Ion: 43 Resp: 28972
Ion Ratio Lower Upper
43 100
58 26.4 23.8 35.8



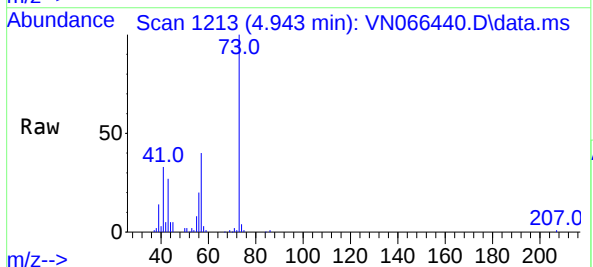
Instrument :
MSVOA_N
ClientSampled :
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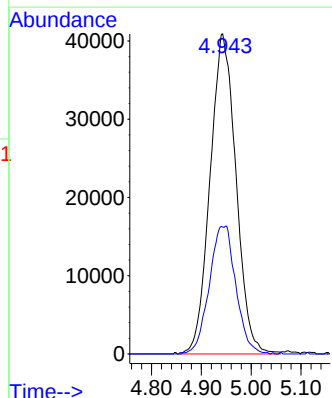
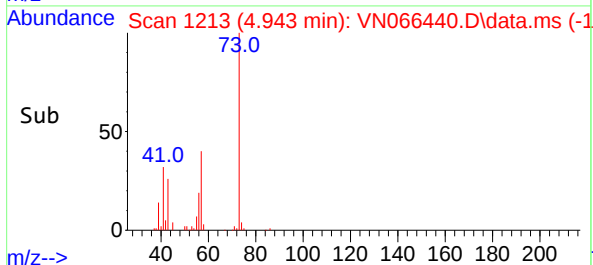
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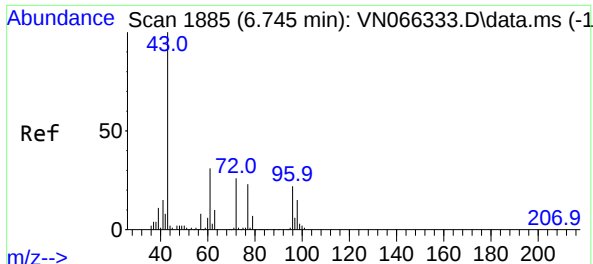


#19
Methyl tert-butyl Ether
Concen: 10.00 ug/l
RT: 4.943 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VN066440.D
Acq: 31 Mar 2021 13:48



Tgt Ion: 73 Resp: 147849
Ion Ratio Lower Upper
73 100
57 39.2 17.6 26.4#





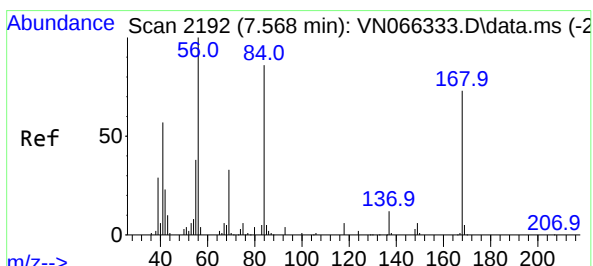
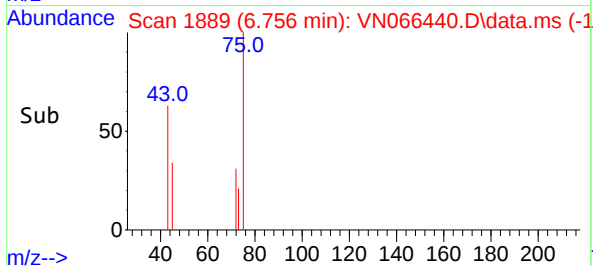
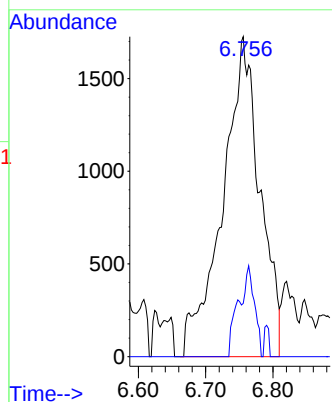
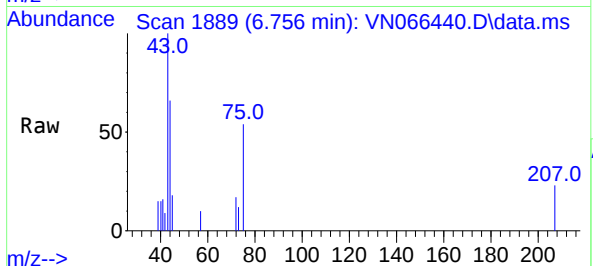
#25
2-Butanone
Concen: 1.95 ug/l m
RT: 6.756 min Scan# 1889
Delta R.T. 0.011 min
Lab File: VN066440.D
Acq: 31 Mar 2021 13:48

Tgt Ion: 43 Resp: 6647
Ion Ratio Lower Upper
43 100
72 16.6 20.7 31.1#

Instrument :
MSVOA_N
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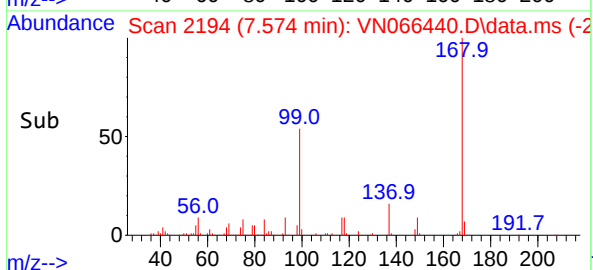
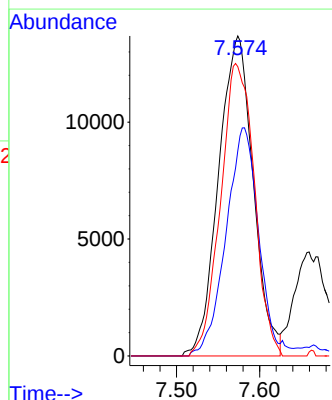
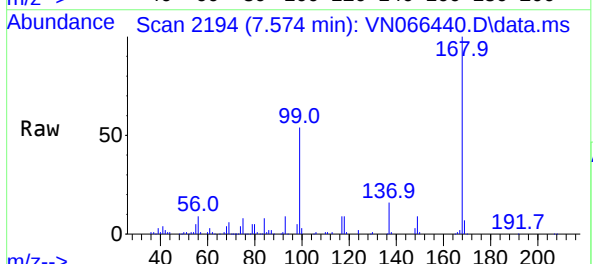
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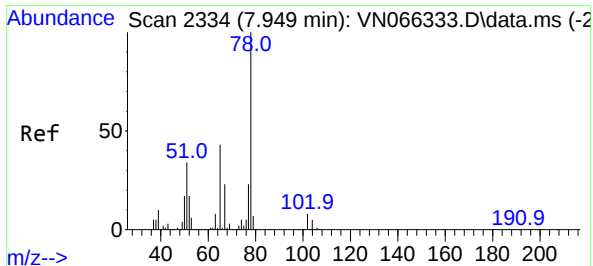
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#31
Cyclohexane
Concen: 4.94 ug/l
RT: 7.574 min Scan# 2194
Delta R.T. 0.005 min
Lab File: VN066440.D
Acq: 31 Mar 2021 13:48

Tgt Ion: 56 Resp: 39569
Ion Ratio Lower Upper
56 100
69 64.1 26.6 40.0#
84 90.4 68.7 103.1





#33

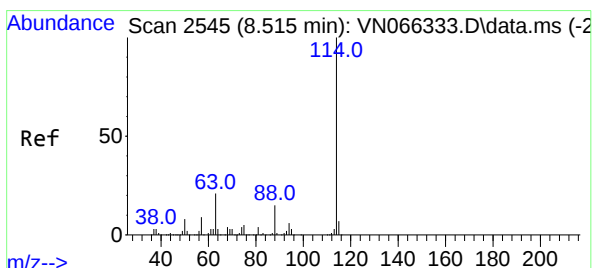
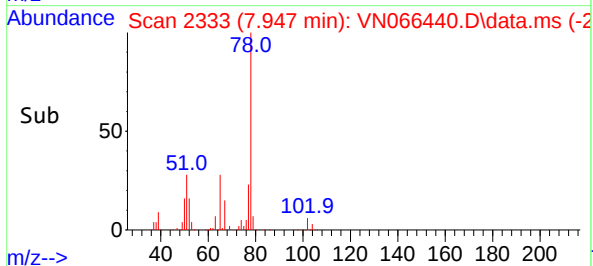
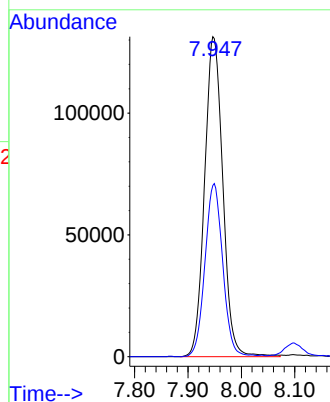
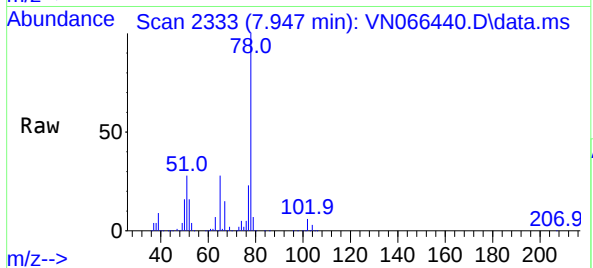
1,2-Dichloroethane-d4
Concen: 53.83 ug/l
RT: 7.947 min Scan# 2333
Delta R.T. -0.002 min
Lab File: VN066440.D
Acq: 31 Mar 2021 13:48

Tgt Ion: 65 Resp: 311215
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.2

Instrument :
MSVOA_N
ClientSampled :
ASR8

Manual Integrations
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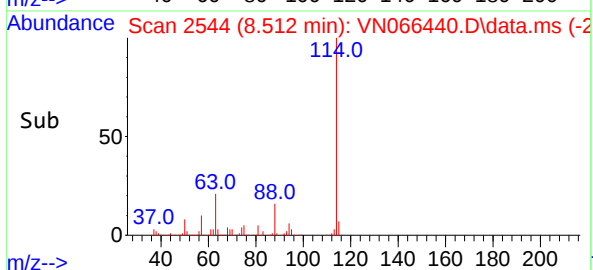
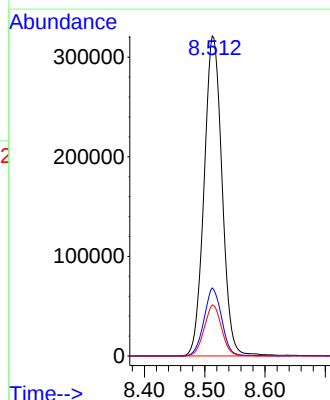
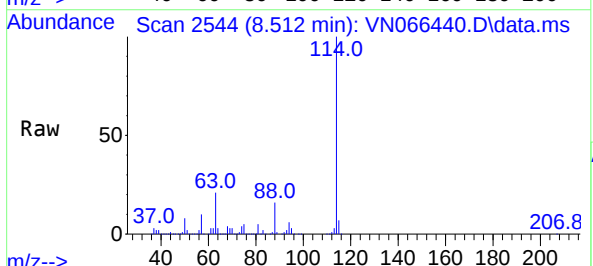
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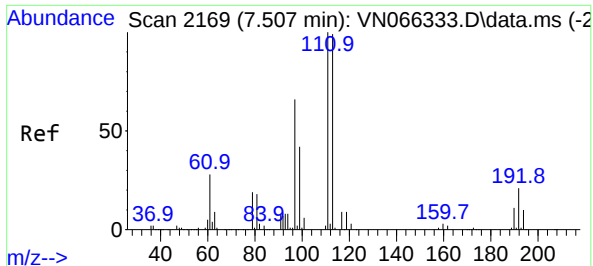


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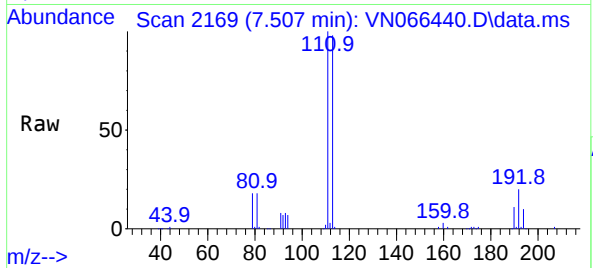
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.512 min Scan# 2544
Delta R.T. -0.003 min
Lab File: VN066440.D
Acq: 31 Mar 2021 13:48

Tgt Ion:114 Resp: 664063
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.0
88 15.9 0.0 31.0

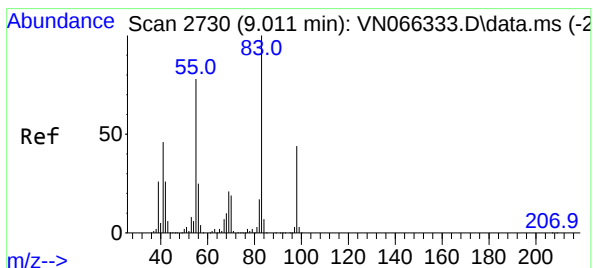
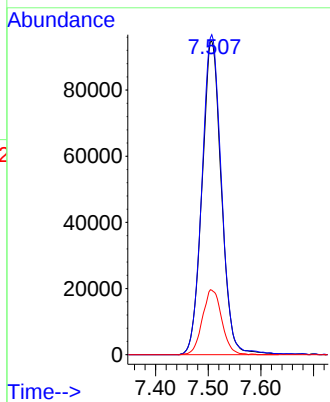
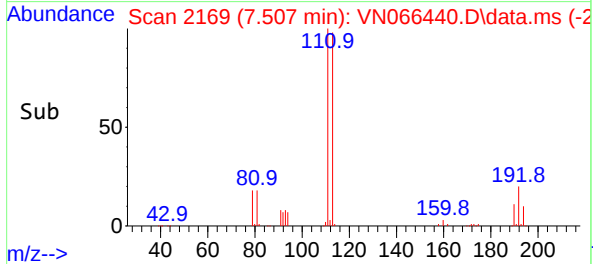




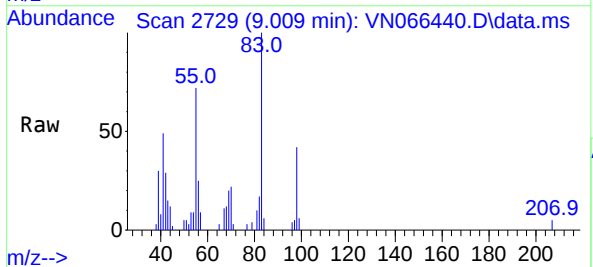
#35
Dibromofluoromethane
Concen: 54.83 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VN066440.D
Acq: 31 Mar 2021 13:48



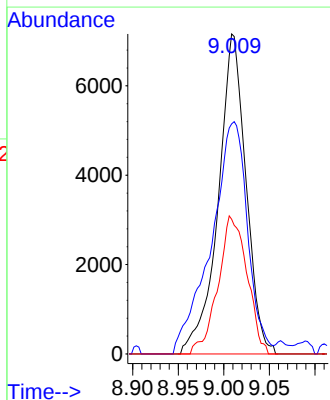
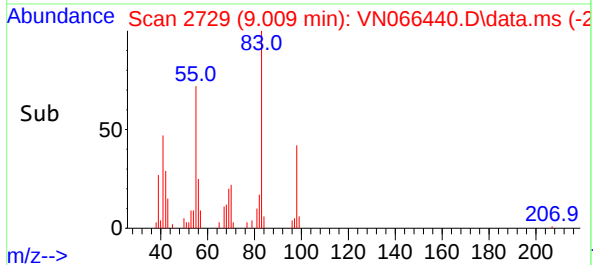
Tgt Ion: 113 Resp: 241380
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.8
192 20.8 17.1 25.7



#39
Methylcyclohexane
Concen: 1.99 ug/l
RT: 9.009 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VN066440.D
Acq: 31 Mar 2021 13:48



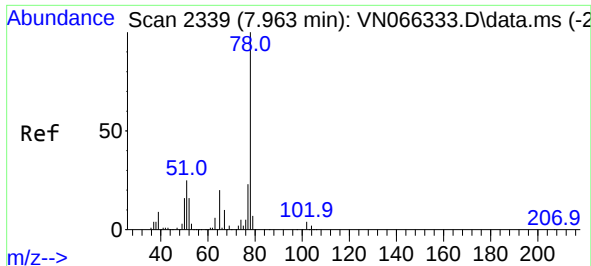
Tgt Ion: 83 Resp: 15134
Ion Ratio Lower Upper
83 100
55 68.1 62.3 93.5
98 42.1 35.6 53.4



Instrument :
MSVOA_N
ClientSampled :
ASR8

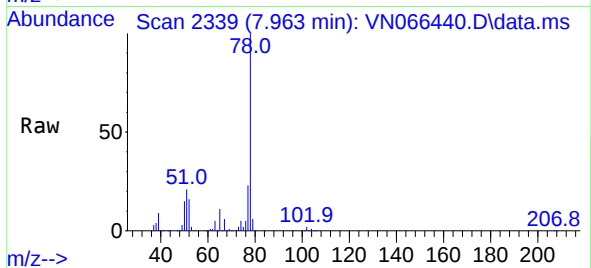
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#40
Benzene
Concen: 92.00 ug/l
RT: 7.963 min Scan# 2339
Delta R.T. -0.000 min
Lab File: VN066440.D
Acq: 31 Mar 2021 13:48

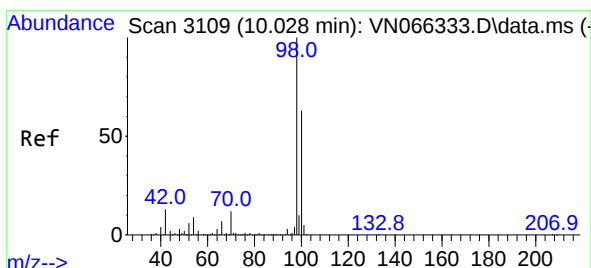
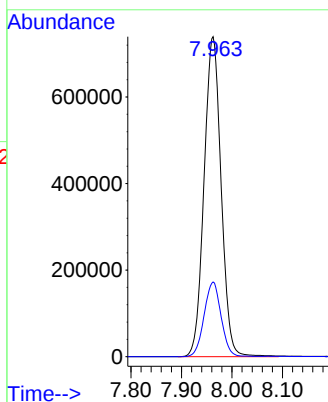
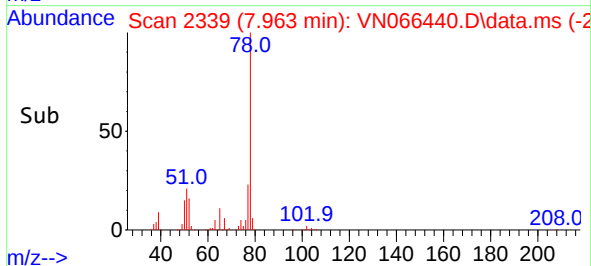
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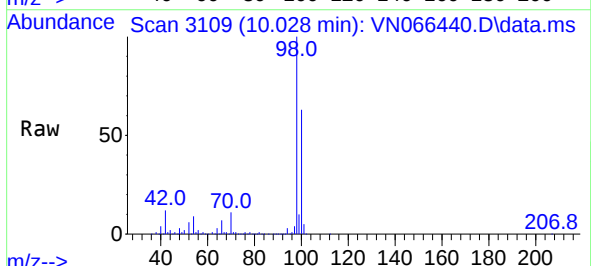
Tgt Ion: 78 Resp: 1733434
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1

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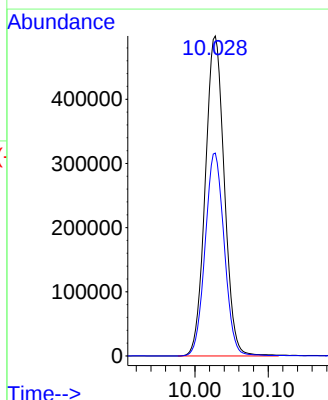
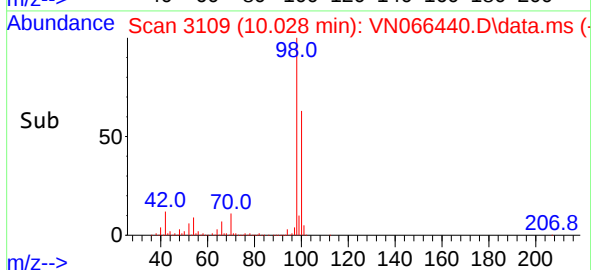
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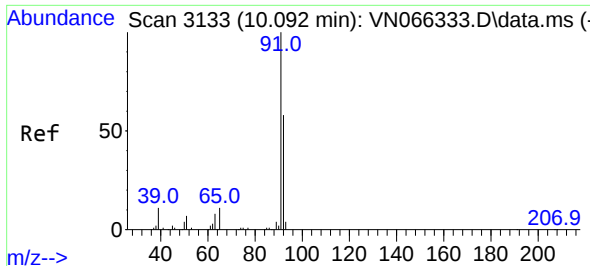


#50
Toluene-d8
Concen: 53.97 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066440.D
Acq: 31 Mar 2021 13:48



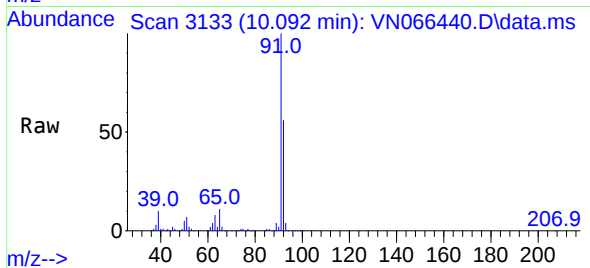
Tgt Ion: 98 Resp: 901169
Ion Ratio Lower Upper
98 100
100 63.7 50.5 75.7





#52
Toluene
Concen: 56.22 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VN066440.D
Acq: 31 Mar 2021 13:48

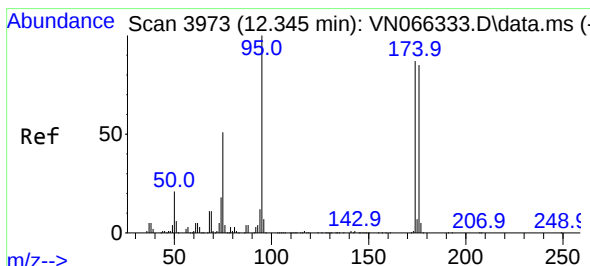
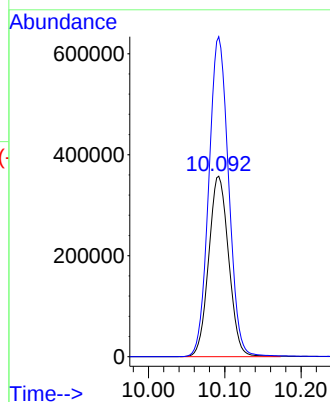
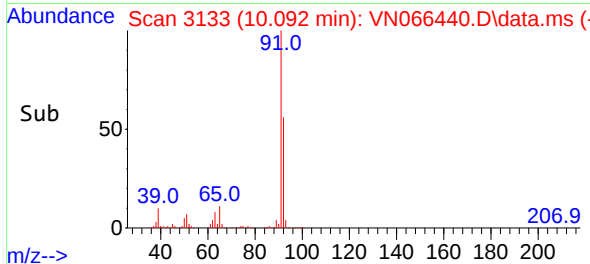
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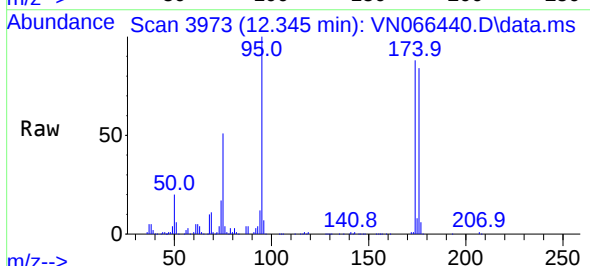
Tgt Ion: 92 Resp: 650235
Ion Ratio Lower Upper
92 100
91 176.3 138.8 208.2

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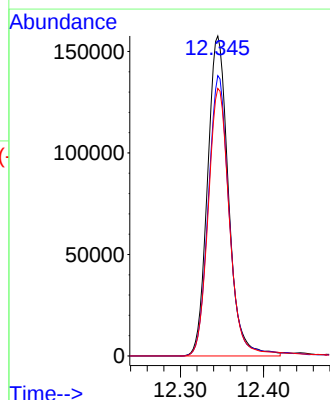
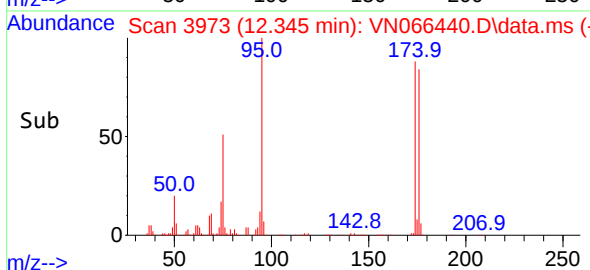
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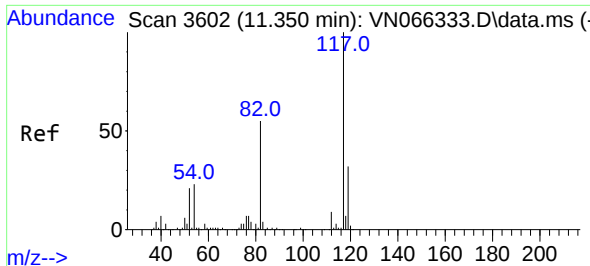


#62
4-Bromofluorobenzene
Concen: 47.49 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VN066440.D
Acq: 31 Mar 2021 13:48



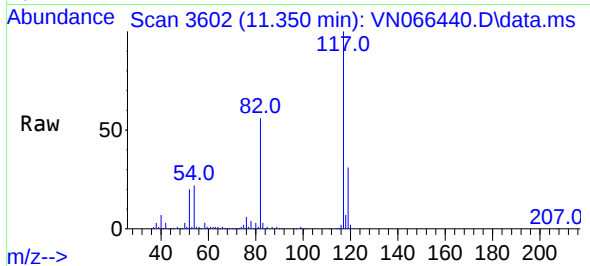
Tgt Ion: 95 Resp: 275424
Ion Ratio Lower Upper
95 100
174 87.4 0.0 172.2
176 84.8 0.0 167.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. -0.000 min
Lab File: VN066440.D
Acq: 31 Mar 2021 13:48

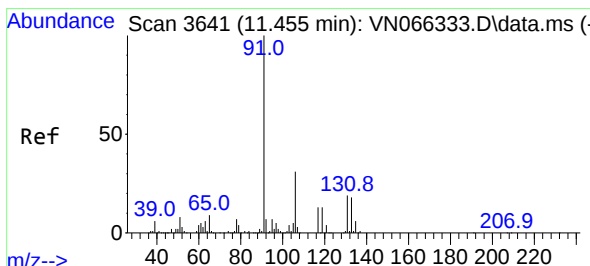
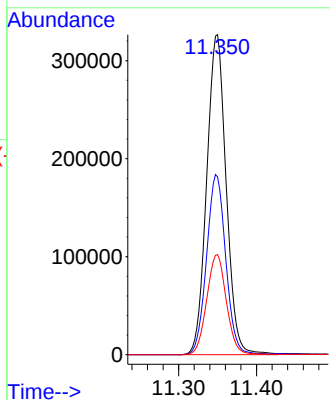
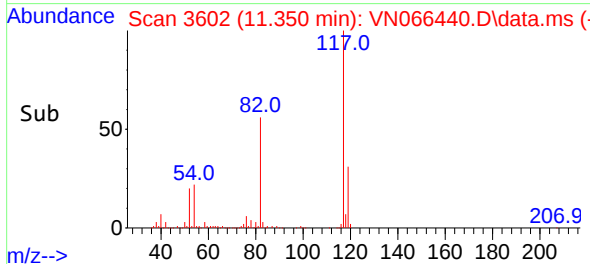
Instrument :
MSVOA_N
ClientSampled :
ASR8



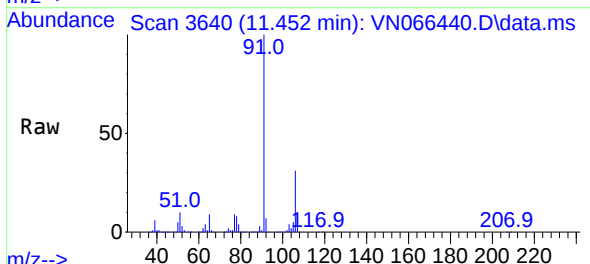
Tgt Ion:117 Resp: 568033
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.4
119 31.3 25.8 38.6

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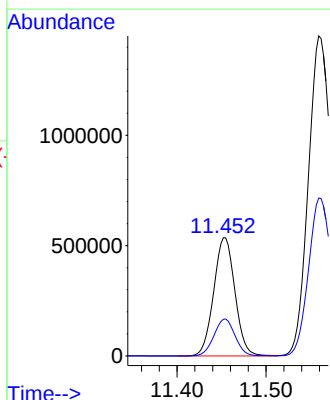
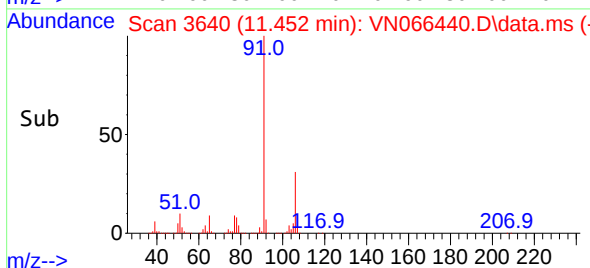
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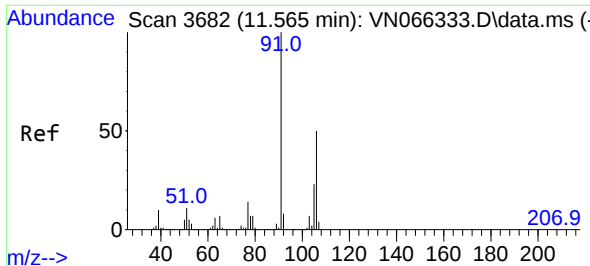


#67
Ethyl Benzene
Concen: 43.36 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.003 min
Lab File: VN066440.D
Acq: 31 Mar 2021 13:48



Tgt Ion: 91 Resp: 891262
Ion Ratio Lower Upper
91 100
106 31.0 24.7 37.1





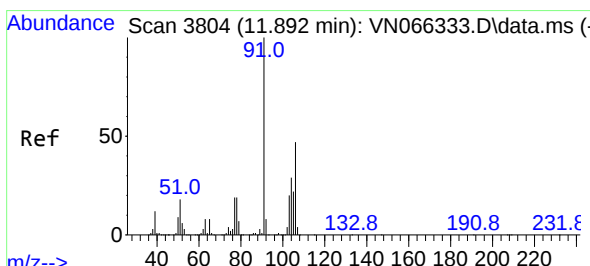
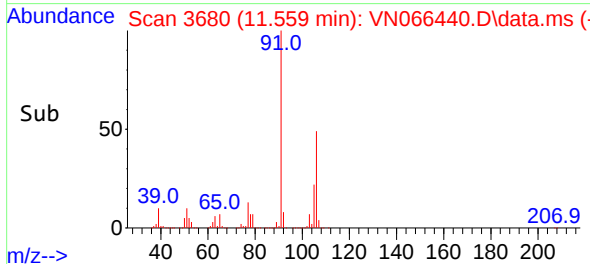
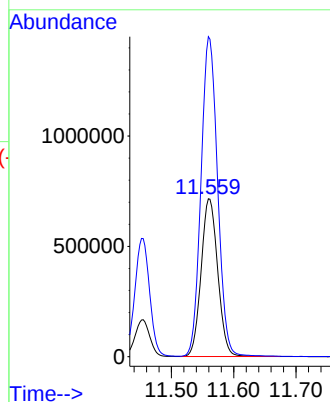
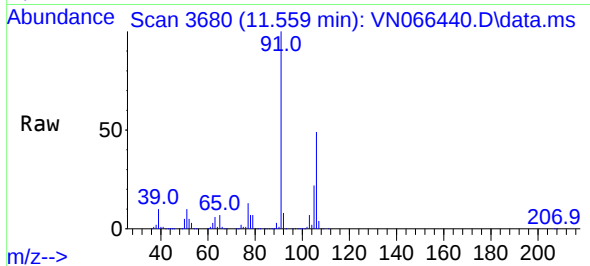
#68
m/p-Xylenes
Concen: 169.33 ug/l
RT: 11.559 min Scan# 3680
Delta R.T. -0.005 min
Lab File: VN066440.D
Acq: 31 Mar 2021 13:48

Instrument :
MSVOA_N
ClientSampled :
ASR8

Tgt Ion:106 Resp: 1322607
Ion Ratio Lower Upper
106 100
91 202.0 162.7 244.1

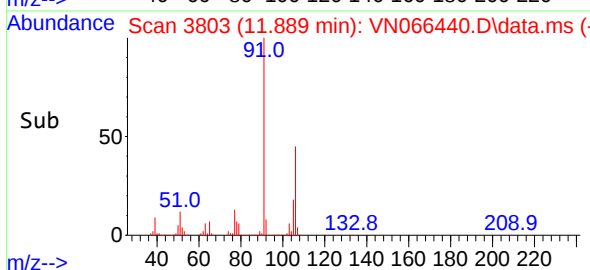
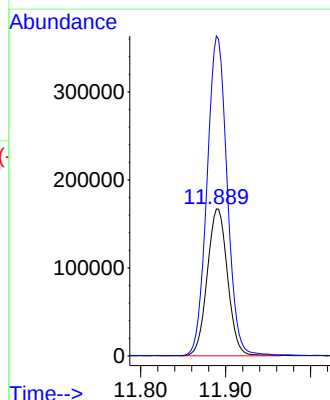
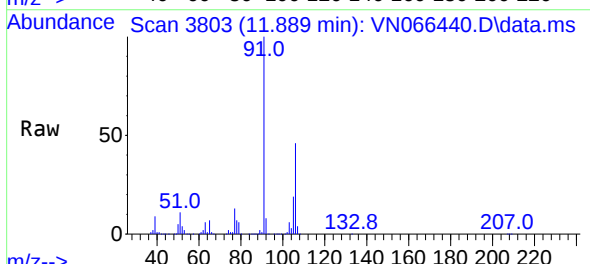
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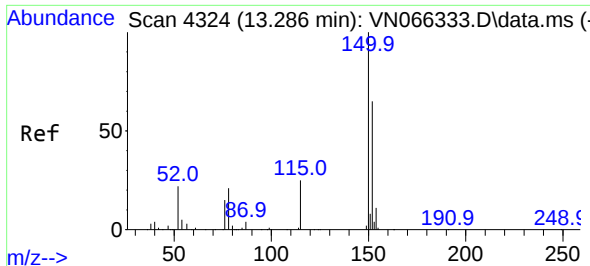
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#69
o-Xylene
Concen: 36.87 ug/l
RT: 11.889 min Scan# 3803
Delta R.T. -0.003 min
Lab File: VN066440.D
Acq: 31 Mar 2021 13:48

Tgt Ion:106 Resp: 277892
Ion Ratio Lower Upper
106 100
91 214.9 107.1 321.4





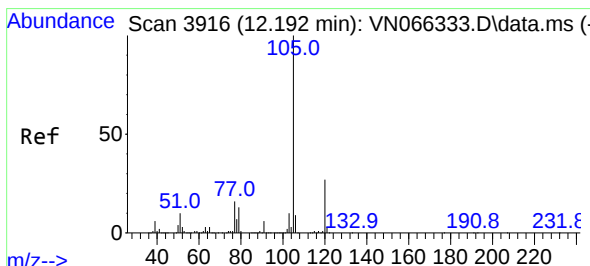
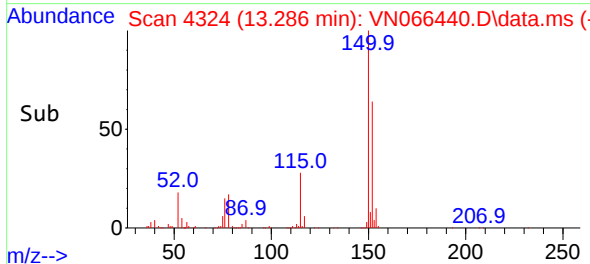
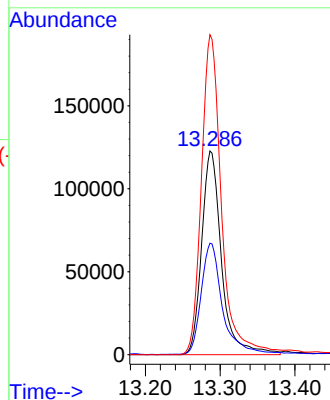
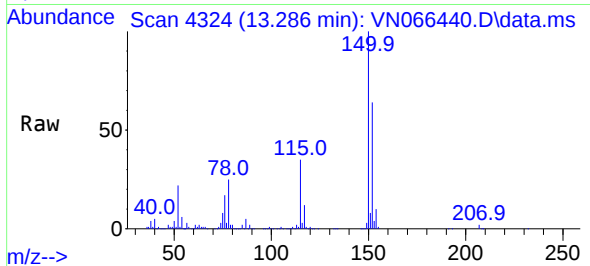
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066440.D
Acq: 31 Mar 2021 13:48

Tgt Ion:152 Resp: 227052
Ion Ratio Lower Upper
152 100
115 60.4 27.8 83.4
150 158.8 0.0 348.4

Instrument :
MSVOA_N
ClientSampled :
ASR8

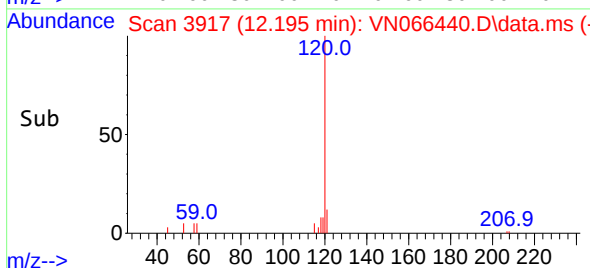
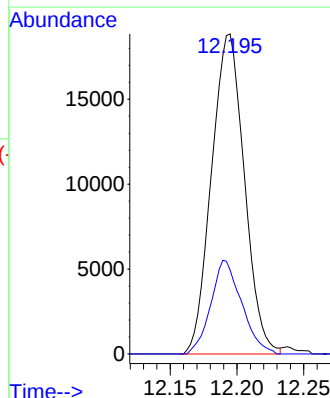
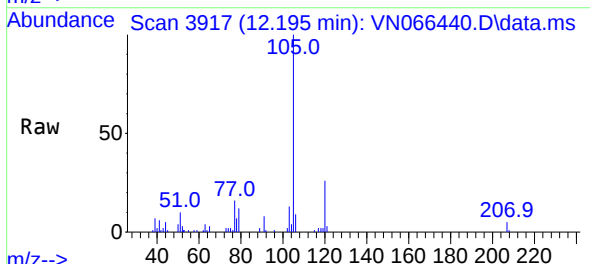
Manual Integrations
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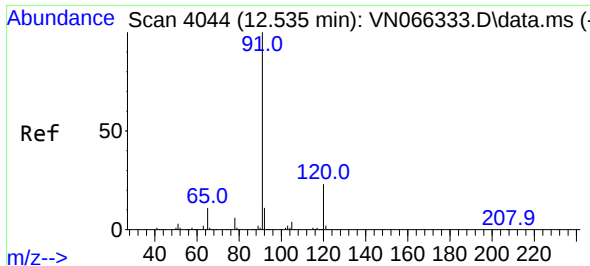
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4/1/2021 4:44:43 PM



#73
Isopropylbenzene
Concen: 1.91 ug/l
RT: 12.195 min Scan# 3917
Delta R.T. 0.003 min
Lab File: VN066440.D
Acq: 31 Mar 2021 13:48

Tgt Ion:105 Resp: 32238
Ion Ratio Lower Upper
105 100
120 27.5 13.3 39.8





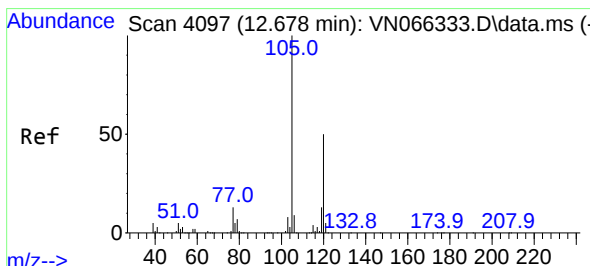
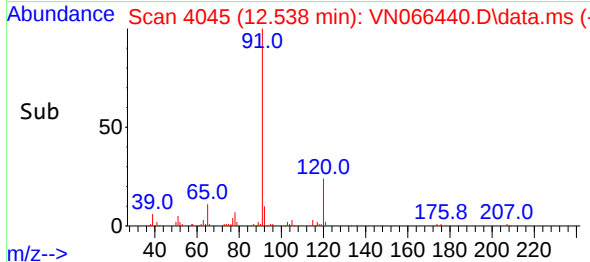
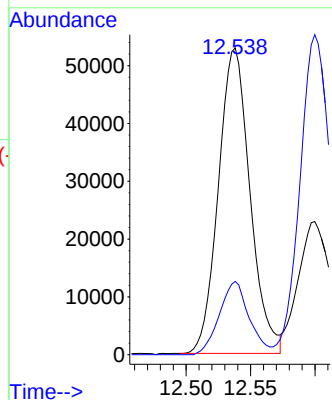
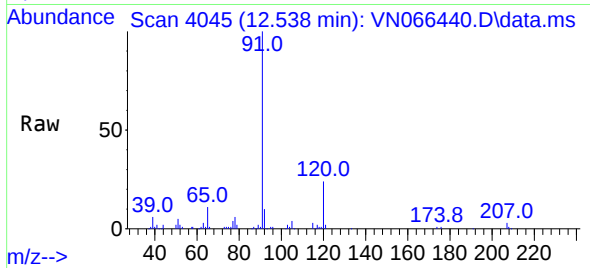
#78
n-propylbenzene
Concen: 4.91 ug/l
RT: 12.538 min Scan# 4045
Delta R.T. 0.003 min
Lab File: VN066440.D
Acq: 31 Mar 2021 13:48

Tgt Ion: 91 Resp: 90186
Ion Ratio Lower Upper
91 100
120 22.5 11.7 35.1

Instrument :
MSVOA_N
ClientSampled :
ASR8

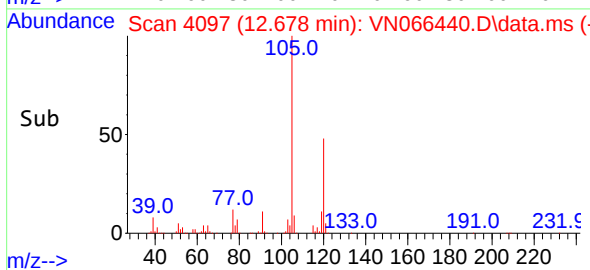
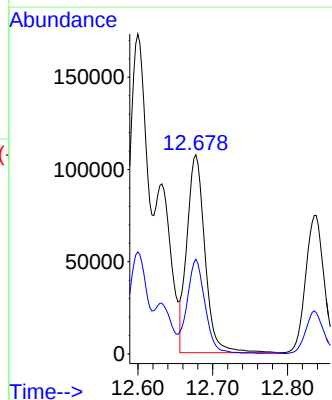
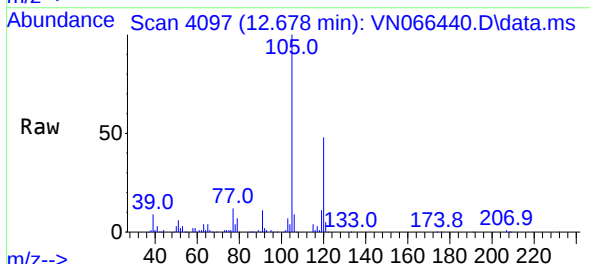
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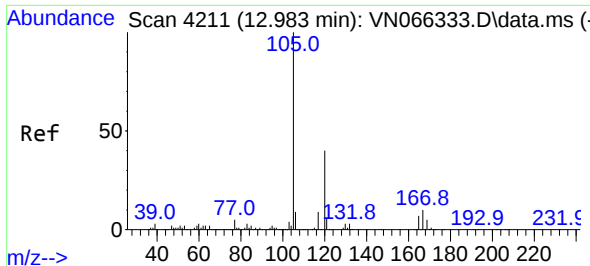
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#80
1,3,5-Trimethylbenzene
Concen: 12.96 ug/l
RT: 12.678 min Scan# 4097
Delta R.T. -0.000 min
Lab File: VN066440.D
Acq: 31 Mar 2021 13:48

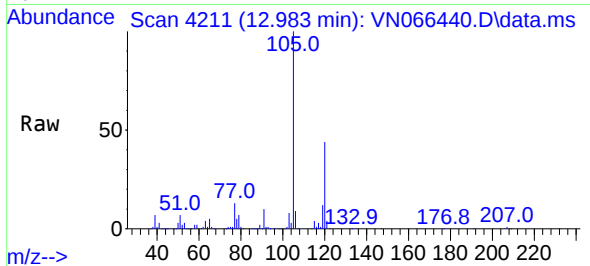
Tgt Ion:105 Resp: 178988
Ion Ratio Lower Upper
105 100
120 46.8 24.5 73.5





#84
1,2,4-Trimethylbenzene
Concen: 42.03 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. -0.000 min
Lab File: VN066440.D
Acq: 31 Mar 2021 13:48

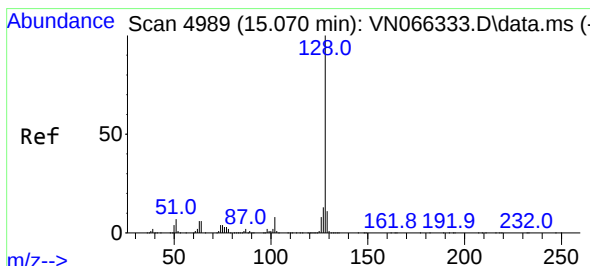
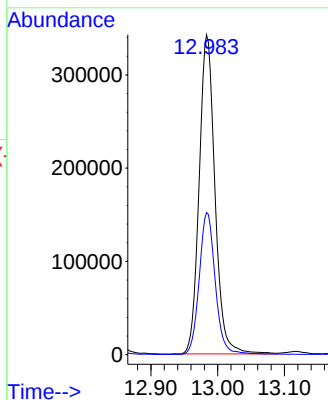
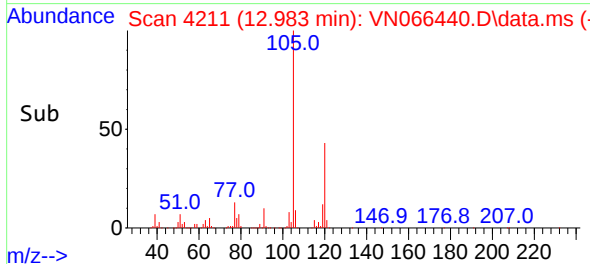
Instrument :
MSVOA_N
ClientSampled :
ASR8



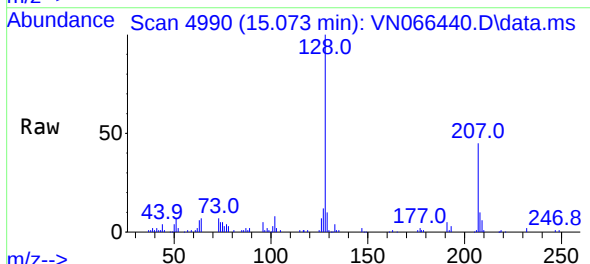
Tgt Ion:105 Resp: 564083
Ion Ratio Lower Upper
105 100
120 45.1 23.1 69.2

Manual Integrations
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#95
Naphthalene
Concen: 8.10 ug/l
RT: 15.073 min Scan# 4990
Delta R.T. 0.003 min
Lab File: VN066440.D
Acq: 31 Mar 2021 13:48



Tgt Ion:128 Resp: 91703
Ion Ratio Lower Upper
128 100
127 11.8 10.5 15.7
129 9.4 8.5 12.7

