

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
 Data File : VN066379.D
 Acq On : 29 Mar 2021 16:11
 Operator : JC/MD
 Sample : M1835-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LMW01

Manual Integrations
 APPROVED

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 3/30/2021 7:50:54 PM

Quant Time: Mar 30 01:36:15 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	7.585	168	497968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	763529	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	675806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	287272	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	331098	50.02	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.04%			
35) Dibromofluoromethane	7.504	113	244918	48.39	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.78%			
50) Toluene-d8	10.028	98	988608	51.49	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.98%			
62) 4-Bromofluorobenzene	12.345	95	322434	48.35	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.70%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.712	59	7658935	7586.45	ug/l #	85
16) Acetone	3.731	43	133280	37.26	ug/l #	79
17) Carbon Disulfide	3.961	76	15634	0.93	ug/l	100
22) Diisopropyl ether	5.860	45	11182	0.64	ug/l #	96
25) 2-Butanone	6.753	43	17799	4.55	ug/l	92
31) Cyclohexane	7.566	56	445368	48.61	ug/l	96
39) Methylcyclohexane	9.009	83	164278	18.79	ug/l	99
40) Benzene	7.960	78	9839495	454.19	ug/l #	86
52) Toluene	10.092	92	6273127	471.72	ug/l	78
67) Ethyl Benzene	11.455	91	9708516	396.96	ug/l #	52
68) m/p-Xylenes	11.565	106	11046224	1188.72	ug/l #	54
69) o-Xylene	11.892	106	4681919	522.18	ug/l	74
73) Isopropylbenzene	12.192	105	762902	35.70	ug/l	100
78) n-propylbenzene	12.535	91	1579622	67.99	ug/l	99
80) 1,3,5-Trimethylbenzene	12.678	105	1909847	109.28	ug/l	99
84) 1,2,4-Trimethylbenzene	12.983	105	9032059	531.88	ug/l	77
85) sec-Butylbenzene	13.117	105	86337m	4.43	ug/l	
86) p-Isopropyltoluene	13.233	119	47171m	2.70	ug/l	
89) n-Butylbenzene	13.557	91	62776m	4.35	ug/l	
95) Naphthalene	15.067	128	3697672	225.83	ug/l	99

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

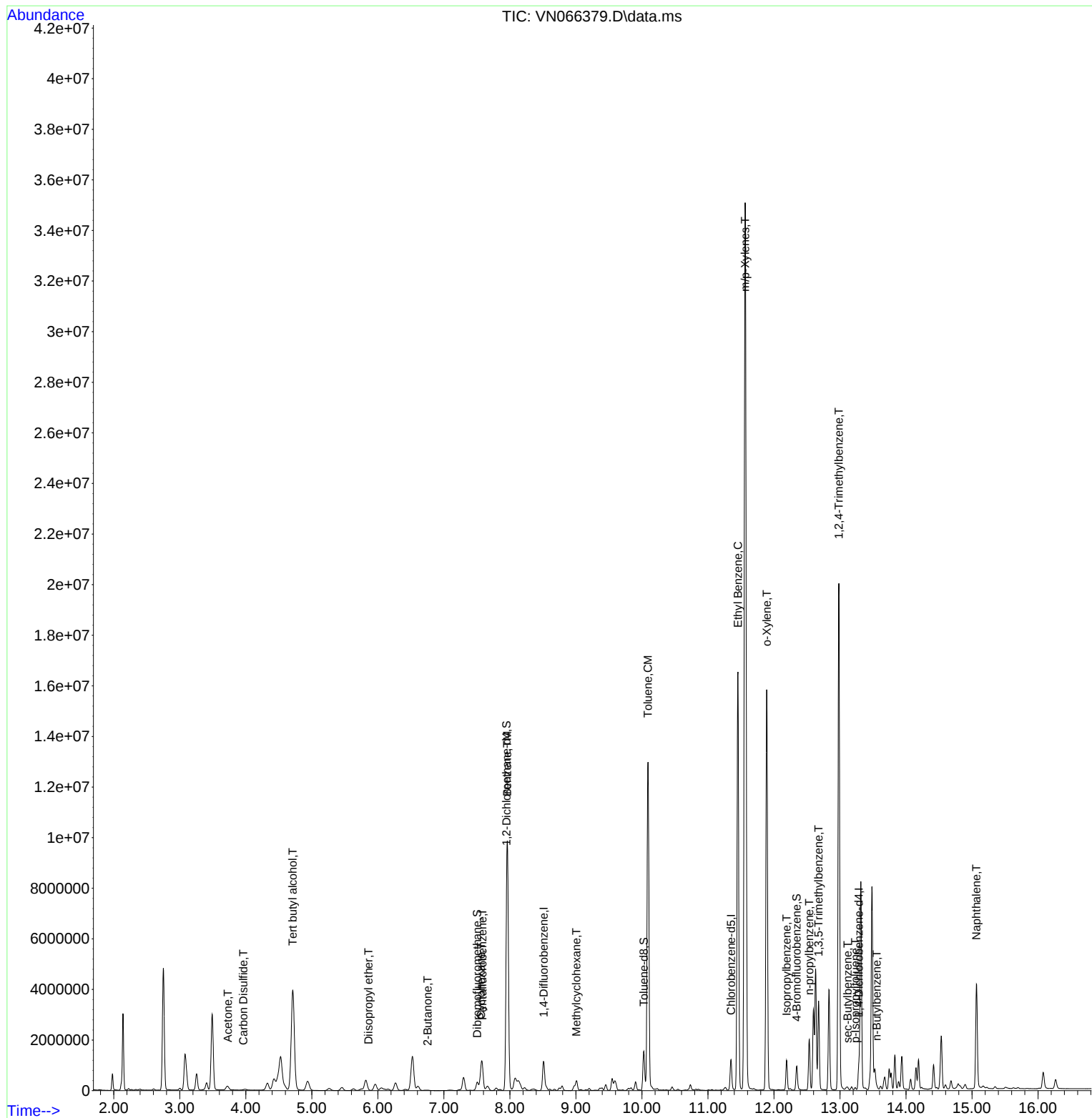
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
Data File : VN066379.D
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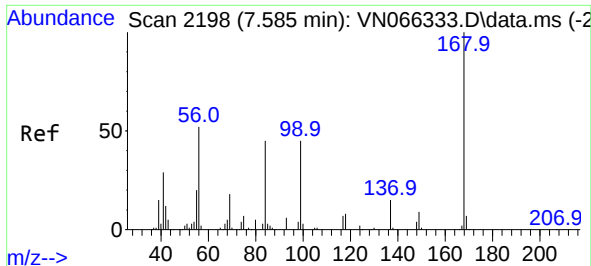
Instrument :
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ClientSampleId :
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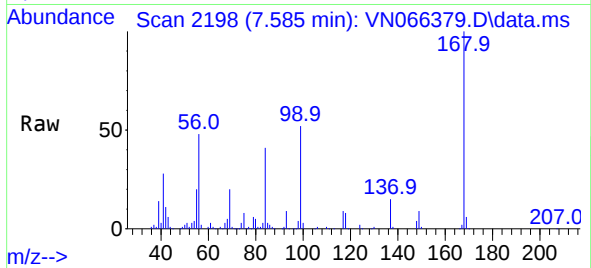
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Quant Time: Mar 30 01:36:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 26 16:26:01 2021
Response via : Initial Calibration

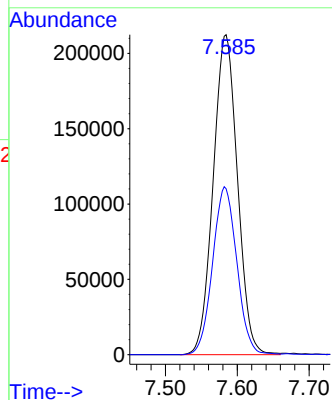




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.585 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VN066379.D
Acq: 29 Mar 2021 16:11



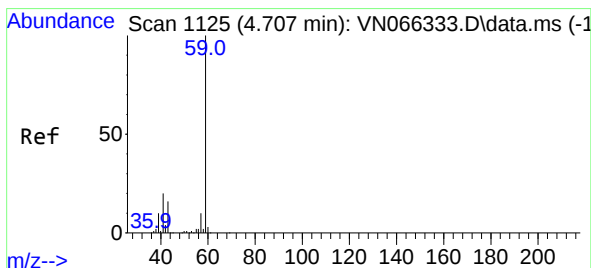
Tgt Ion:168 Resp: 497968
Ion Ratio Lower Upper
168 100
99 51.8 41.1 61.7



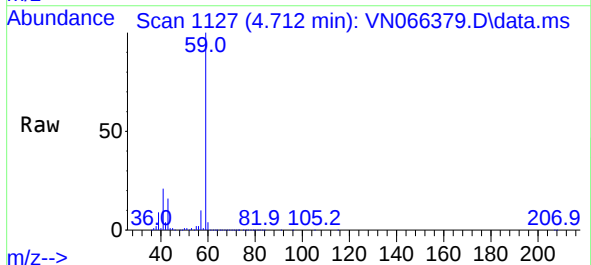
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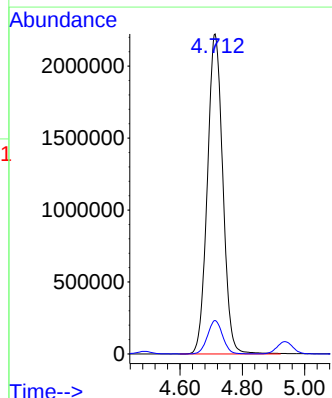
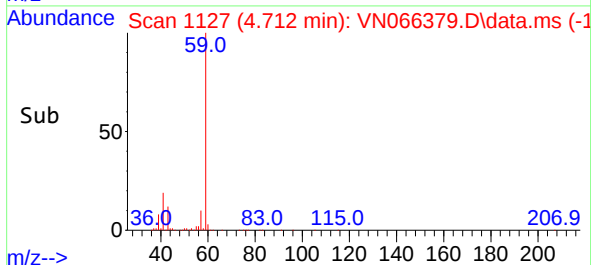
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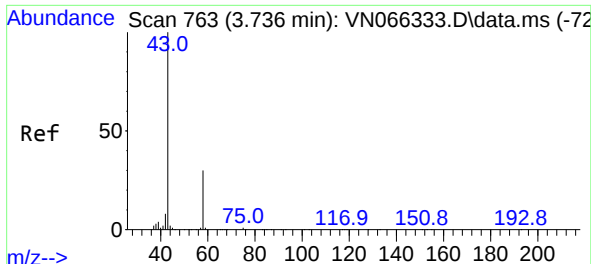


#11
Tert butyl alcohol
Concen: 7586.45 ug/l
RT: 4.712 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN066379.D
Acq: 29 Mar 2021 16:11



Tgt Ion: 59 Resp: 7658935
Ion Ratio Lower Upper
59 100
57 10.2 4.1 6.1#



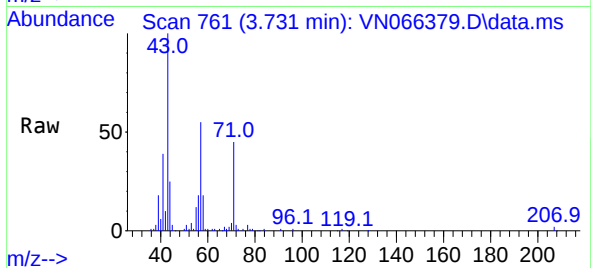


#16
Acetone
Concen: 37.26 ug/l
RT: 3.731 min Scan# 761
Delta R.T. -0.005 min
Lab File: VN066379.D
Acq: 29 Mar 2021 16:11

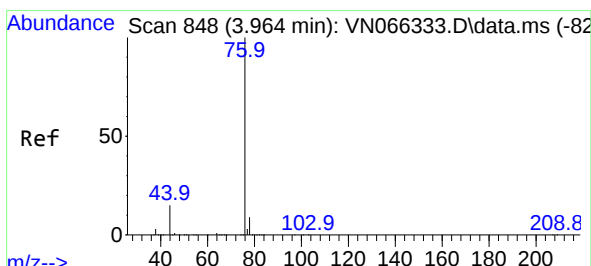
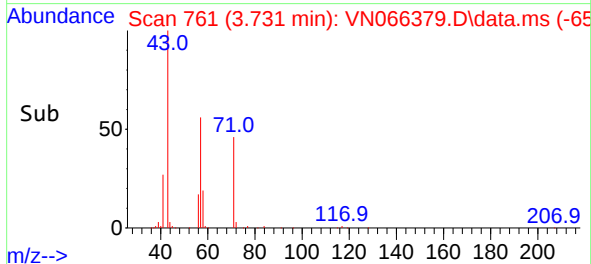
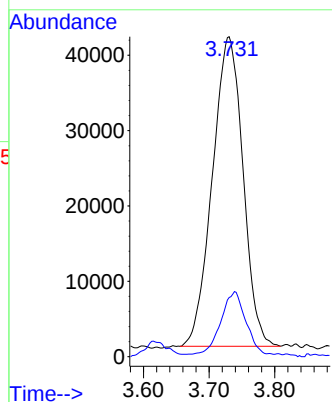
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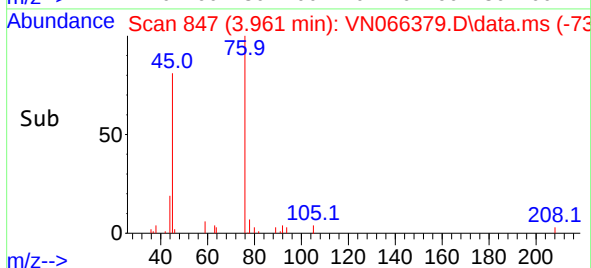
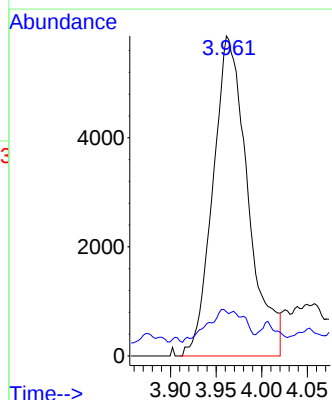
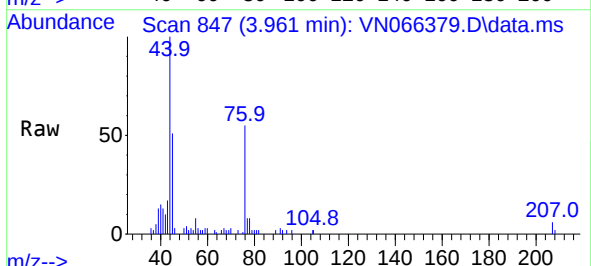


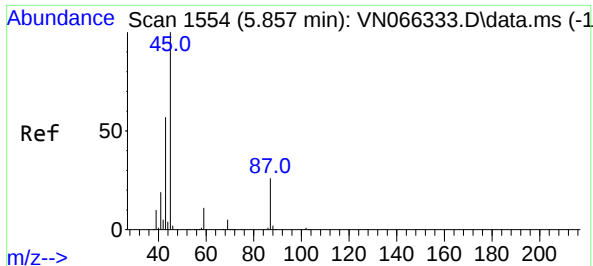
Tgt Ion: 43 Resp: 133280
Ion Ratio Lower Upper
43 100
58 18.3 23.8 35.8#



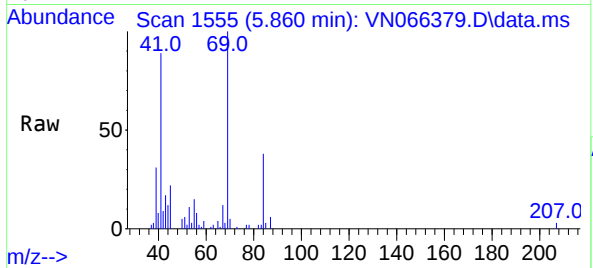
#17
Carbon Disulfide
Concen: 0.93 ug/l
RT: 3.961 min Scan# 847
Delta R.T. -0.003 min
Lab File: VN066379.D
Acq: 29 Mar 2021 16:11

Tgt Ion: 76 Resp: 15634
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

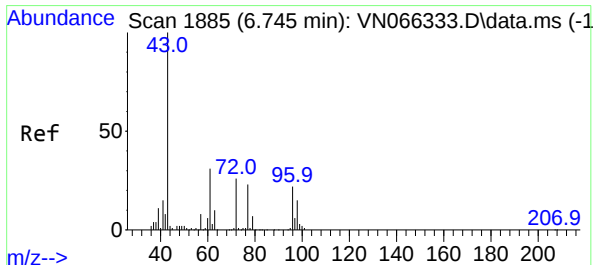
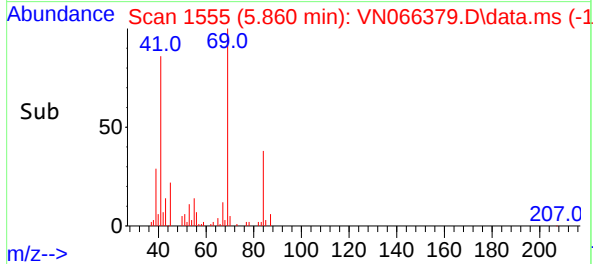
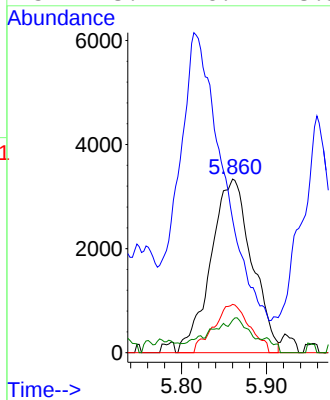




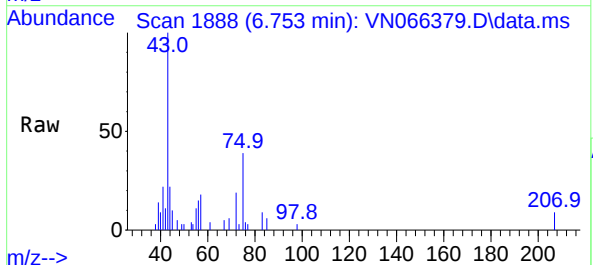
#22
Diisopropyl ether
Concen: 0.64 ug/l
RT: 5.860 min Scan# 1555
Delta R.T. 0.003 min
Lab File: VN066379.D
Acq: 29 Mar 2021 16:11



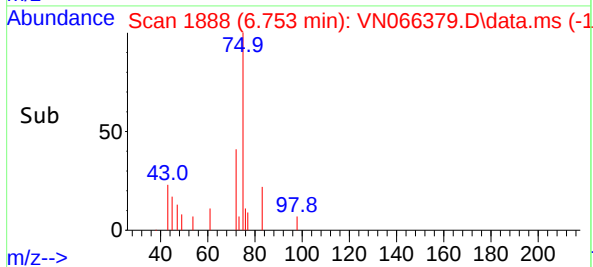
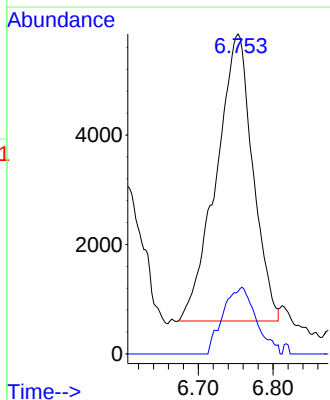
Tgt Ion:	45	Resp:	11182
Ion	Ratio	Lower	Upper
45	100		
43	56.6	48.1	72.1
87	27.8	21.6	32.4
59	13.7	8.9	13.3



#25
2-Butanone
Concen: 4.55 ug/l
RT: 6.753 min Scan# 1888
Delta R.T. 0.008 min
Lab File: VN066379.D
Acq: 29 Mar 2021 16:11



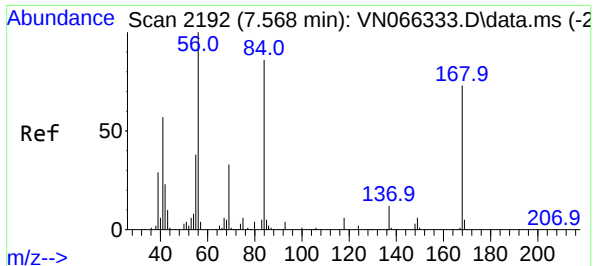
Tgt Ion:	43	Resp:	17799
Ion	Ratio	Lower	Upper
43	100		
72	21.7	20.7	31.1



Instrument :
MSVOA_N
ClientSampleId :
LMW01

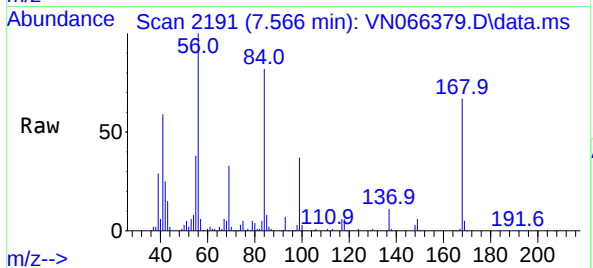
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#31
Cyclohexane
Concen: 48.61 ug/l
RT: 7.566 min Scan# 2191
Delta R.T. -0.003 min
Lab File: VN066379.D
Acq: 29 Mar 2021 16:11

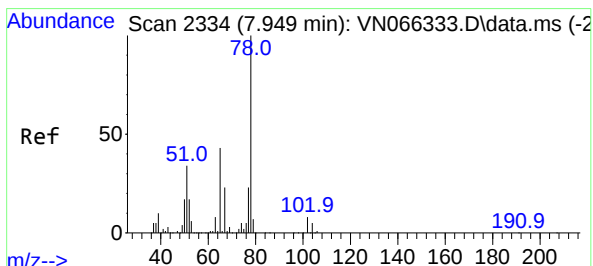
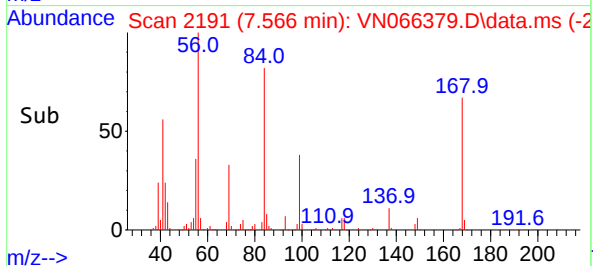
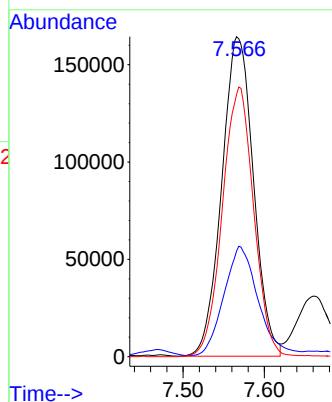
Instrument :
MSVOA_N
ClientSampleId :
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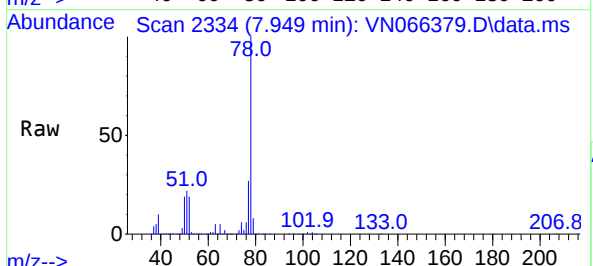
Tgt Ion: 56 Resp: 445368
Ion Ratio Lower Upper
56 100
69 32.4 26.6 40.0
84 81.9 68.7 103.1

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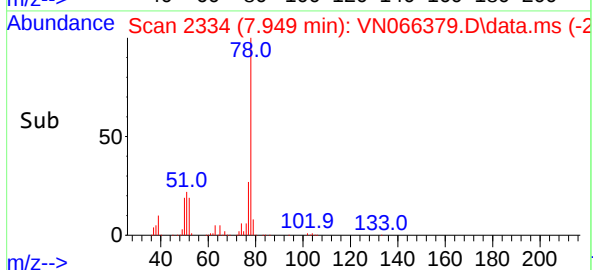
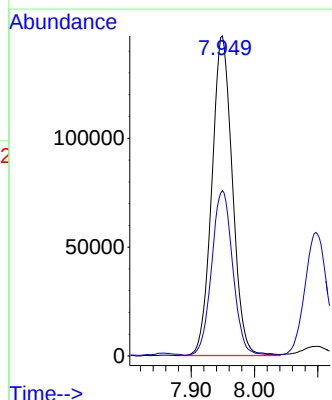
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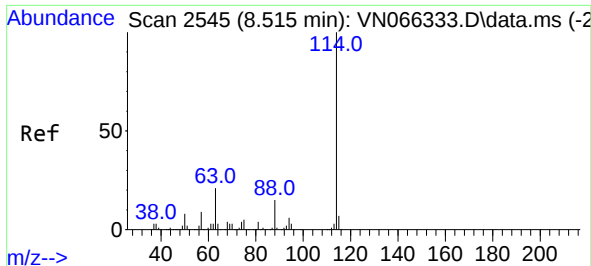


#33
1,2-Dichloroethane-d4
Concen: 50.02 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. 0.000 min
Lab File: VN066379.D
Acq: 29 Mar 2021 16:11



Tgt Ion: 65 Resp: 331098
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.2





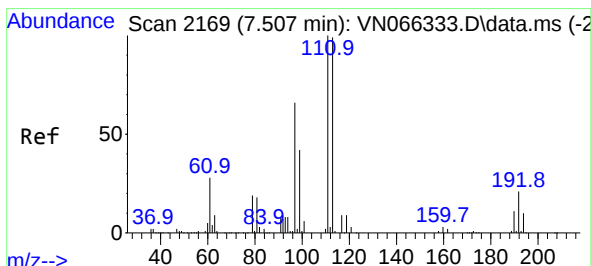
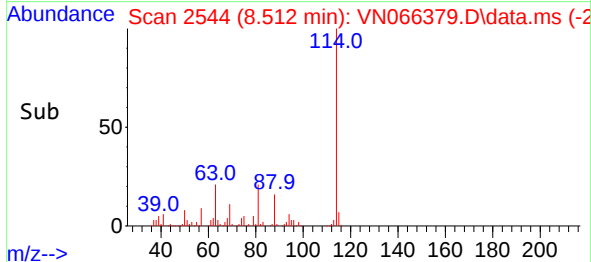
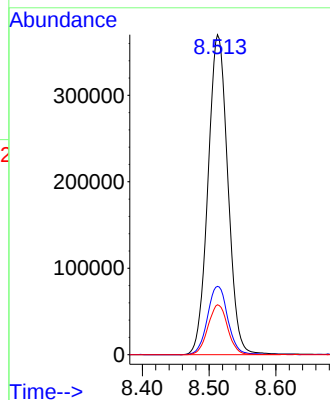
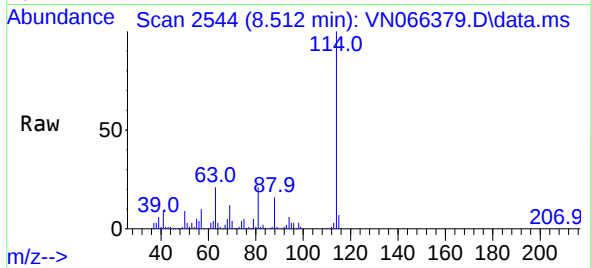
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.512 min Scan# 2544
Delta R.T. -0.003 min
Lab File: VN066379.D
Acq: 29 Mar 2021 16:11

Tgt Ion:114 Resp: 763529
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.0
88 15.6 0.0 31.0

Instrument :
MSVOA_N
ClientSampleId :
LMW01

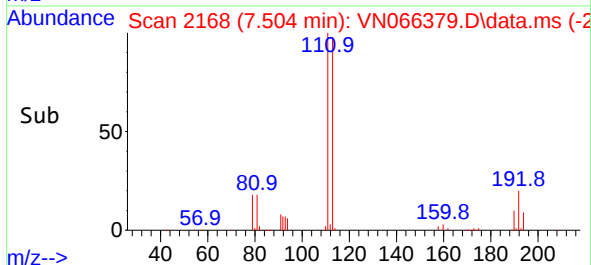
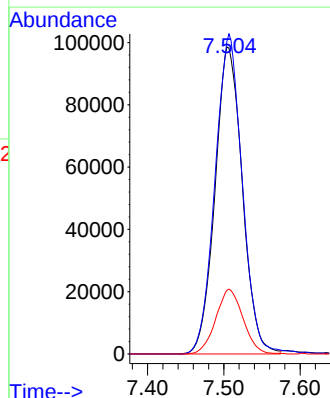
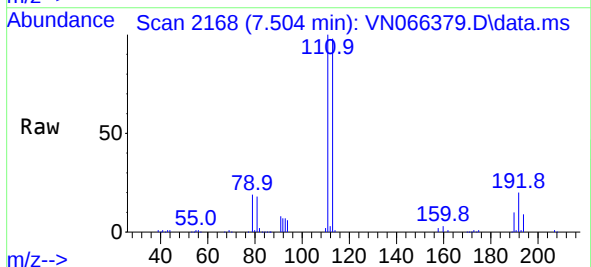
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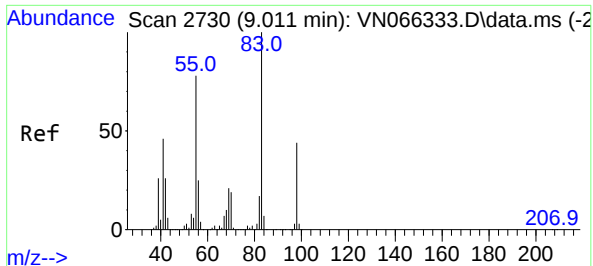
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#35
Dibromofluoromethane
Concen: 48.39 ug/l
RT: 7.504 min Scan# 2168
Delta R.T. -0.003 min
Lab File: VN066379.D
Acq: 29 Mar 2021 16:11

Tgt Ion:113 Resp: 244918
Ion Ratio Lower Upper
113 100
111 103.9 81.8 122.8
192 21.1 17.1 25.7





#39

Methylcyclohexane

Concen: 18.79 ug/l

RT: 9.009 min Scan# 2729

Delta R.T. -0.003 min

Lab File: VN066379.D

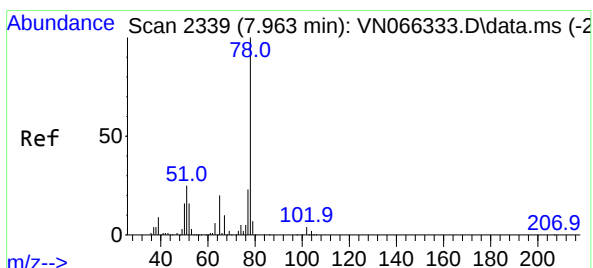
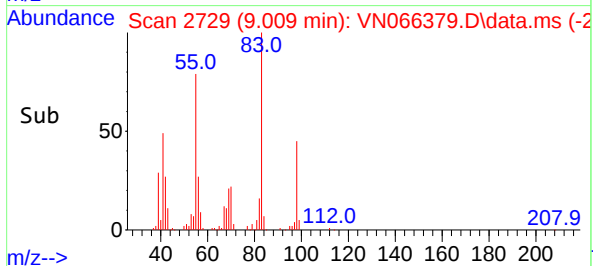
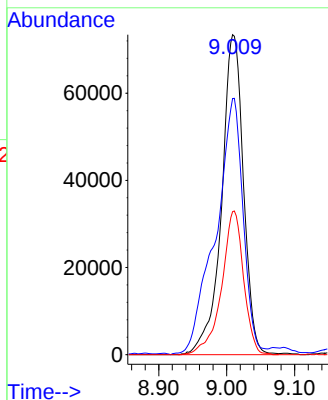
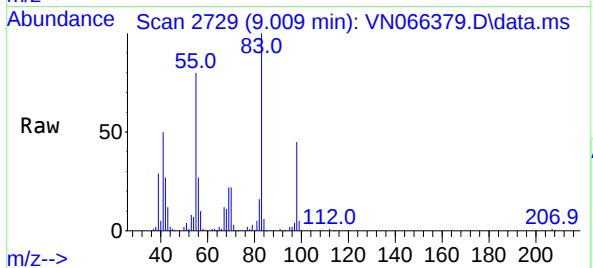
Acq: 29 Mar 2021 16:11

Tgt Ion:	83	Resp:	164278
Ion	Ratio	Lower	Upper
83	100		
55	79.5	62.3	93.5
98	44.7	35.6	53.4

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3/30/2021 7:50:54 PM



#40

Benzene

Concen: 454.19 ug/l

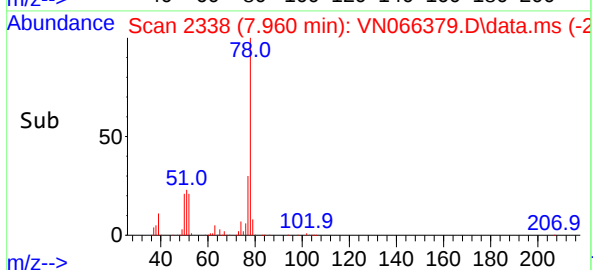
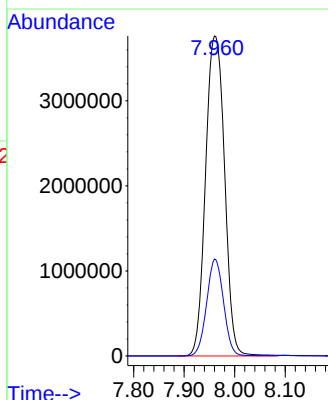
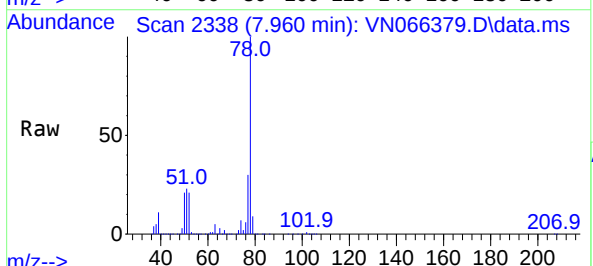
RT: 7.960 min Scan# 2338

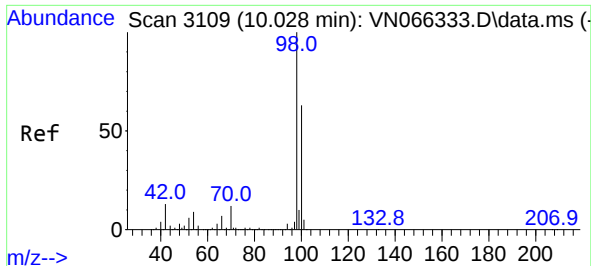
Delta R.T. -0.003 min

Lab File: VN066379.D

Acq: 29 Mar 2021 16:11

Tgt Ion:	78	Resp:	9839495
Ion	Ratio	Lower	Upper
78	100		
77	30.3	18.7	28.1#





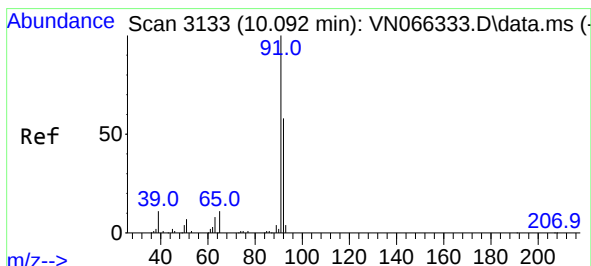
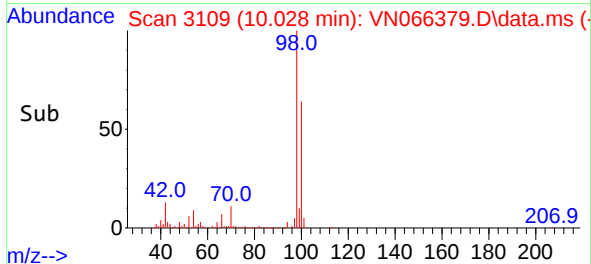
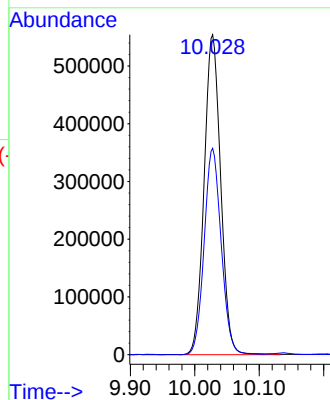
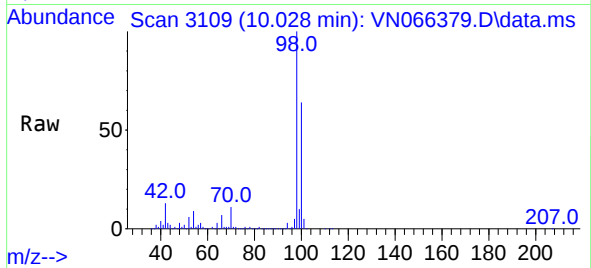
#50
Toluene-d8
Concen: 51.49 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066379.D
Acq: 29 Mar 2021 16:11

Tgt Ion: 98 Resp: 988608
Ion Ratio Lower Upper
98 100
100 66.4 50.5 75.7

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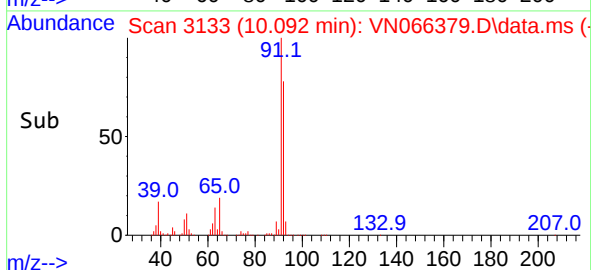
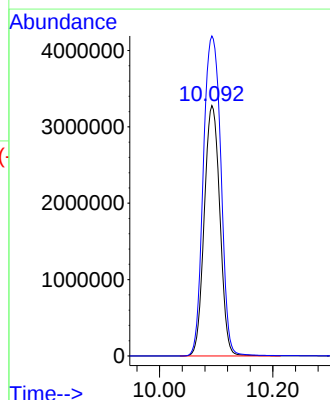
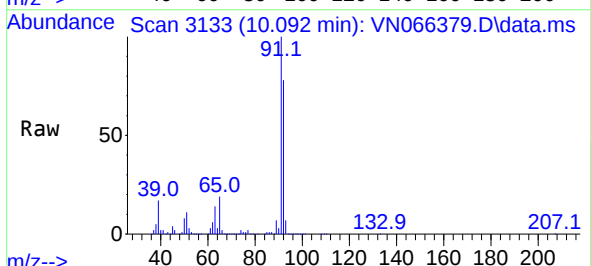
Manual Integrations
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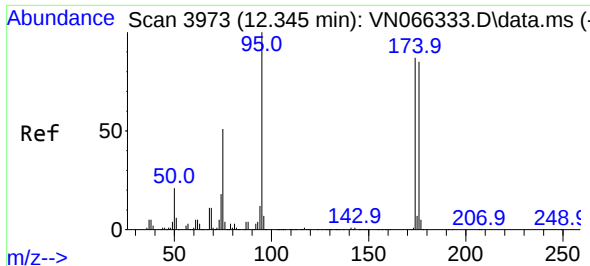
MMDadoda
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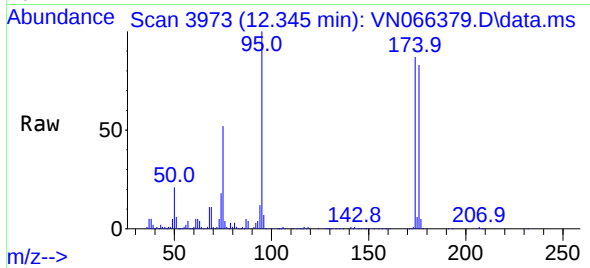
#52
Toluene
Concen: 471.72 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VN066379.D
Acq: 29 Mar 2021 16:11

Tgt Ion: 92 Resp: 6273127
Ion Ratio Lower Upper
92 100
91 143.5 138.8 208.2



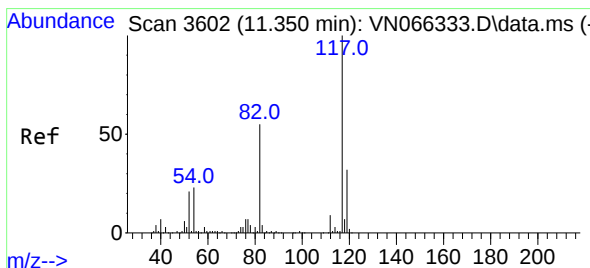
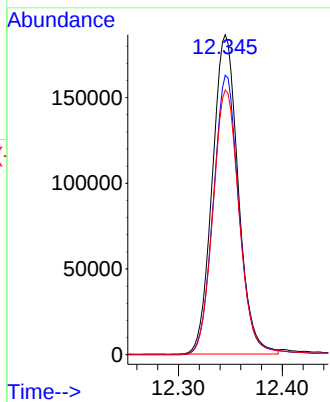
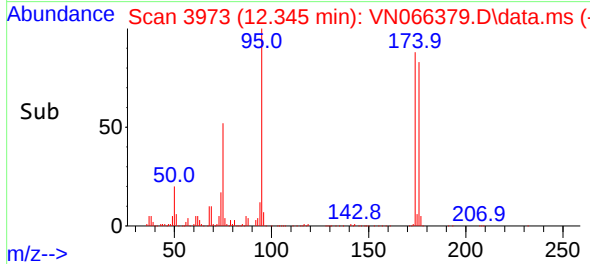


#62
4-Bromofluorobenzene
Concen: 48.35 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.000 min
Lab File: VN066379.D
Acq: 29 Mar 2021 16:11

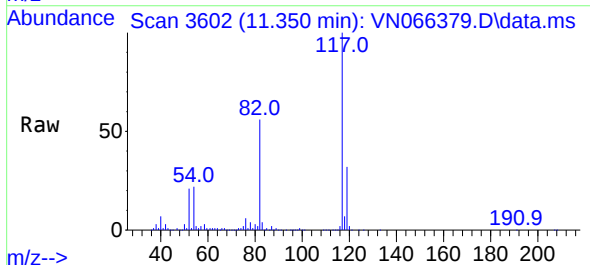


Tgt Ion: 95 Resp: 322434

Ion	Ratio	Lower	Upper
95	100		
174	87.3	0.0	172.2
176	84.7	0.0	167.8

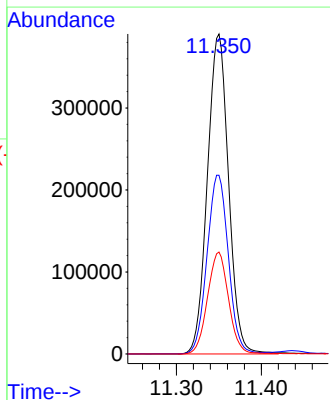
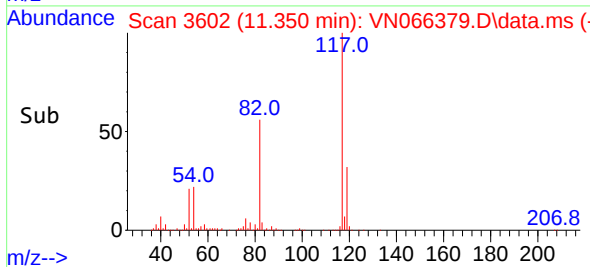


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. 0.000 min
Lab File: VN066379.D
Acq: 29 Mar 2021 16:11



Tgt Ion: 117 Resp: 675806

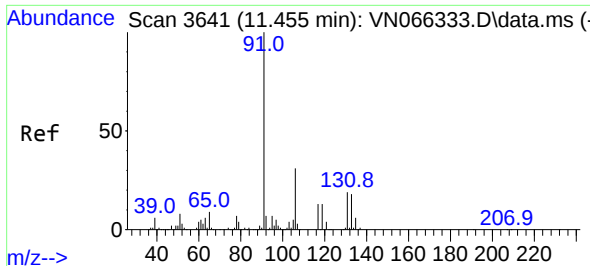
Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.2	66.4
119	31.8	25.8	38.6



Instrument :
MSVOA_N
ClientSampled :
LMW01

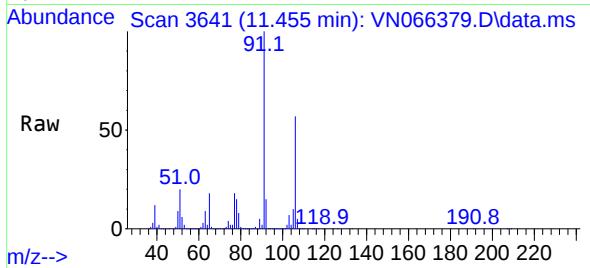
Manual Integrations
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3/30/2021 7:50:54 PM



#67
Ethyl Benzene
Concen: 396.96 ug/l
RT: 11.455 min Scan# 3641
Delta R.T. 0.000 min
Lab File: VN066379.D
Acq: 29 Mar 2021 16:11

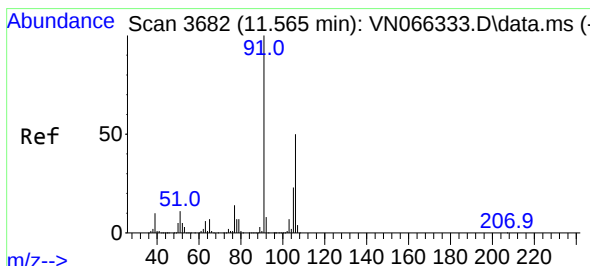
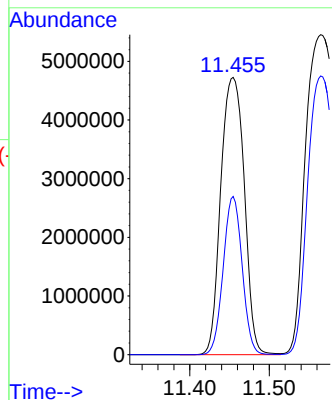
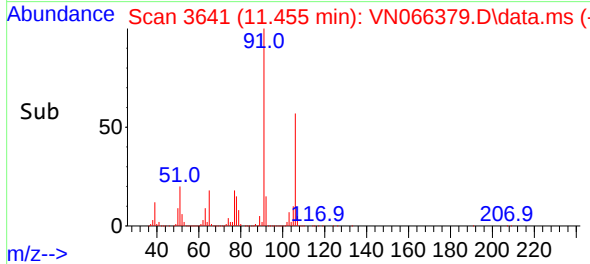
Instrument :
MSVOA_N
ClientSampleId :
LMW01



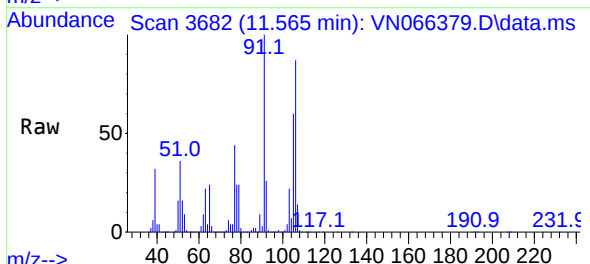
Tgt Ion: 91 Resp: 9708516
Ion Ratio Lower Upper
91 100
106 57.0 24.7 37.1#

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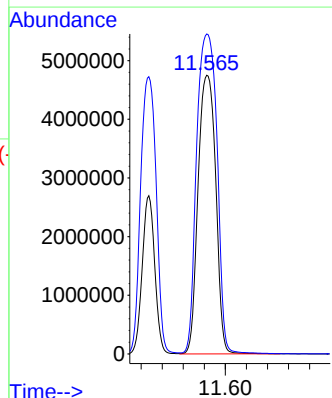
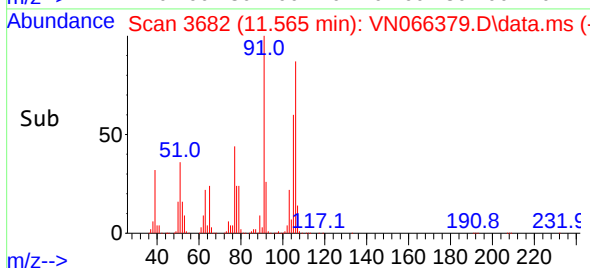
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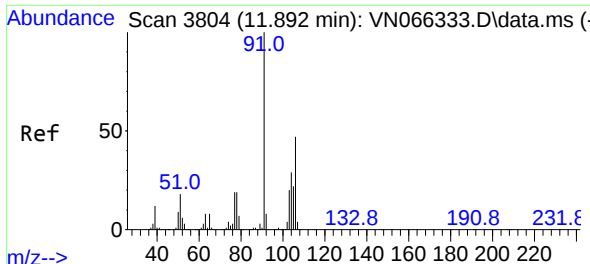


#68
m/p-Xylenes
Concen: 1188.72 ug/l
RT: 11.565 min Scan# 3682
Delta R.T. 0.000 min
Lab File: VN066379.D
Acq: 29 Mar 2021 16:11



Tgt Ion: 106 Resp: 11046224
Ion Ratio Lower Upper
106 100
91 132.7 162.7 244.1#





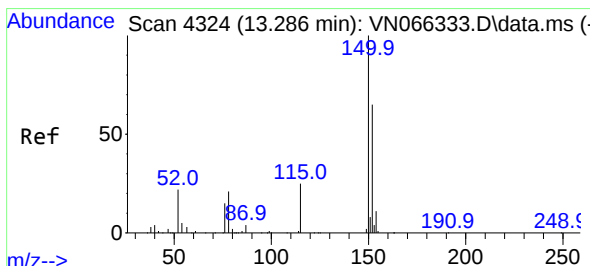
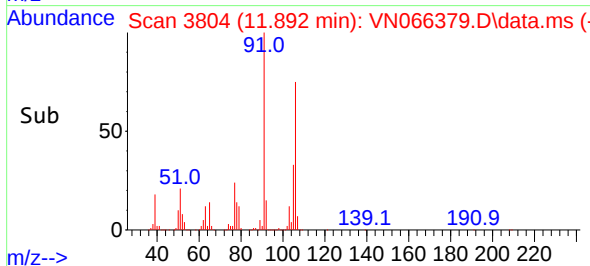
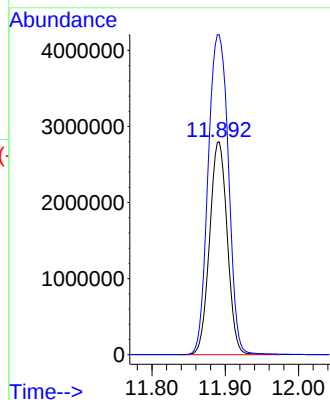
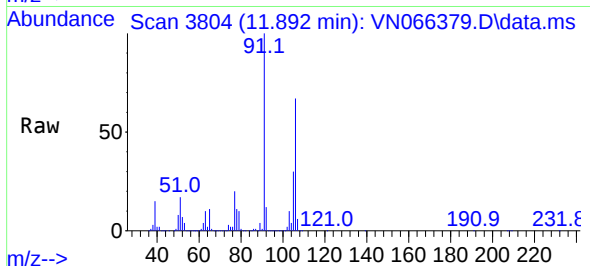
#69
o-Xylene
Concen: 522.18 ug/l
RT: 11.892 min Scan# 3804
Delta R.T. -0.000 min
Lab File: VN066379.D
Acq: 29 Mar 2021 16:11

Tgt Ion:106 Resp: 4681919
Ion Ratio Lower Upper
106 100
91 172.7 107.1 321.4

Instrument :
MSVOA_N
ClientSampleId :
LMW01

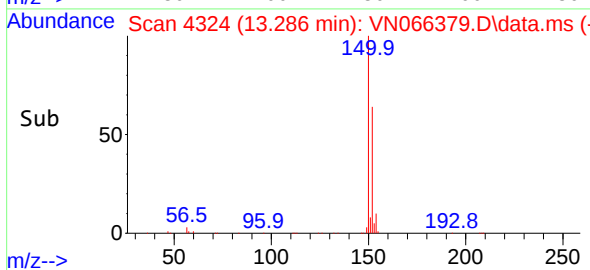
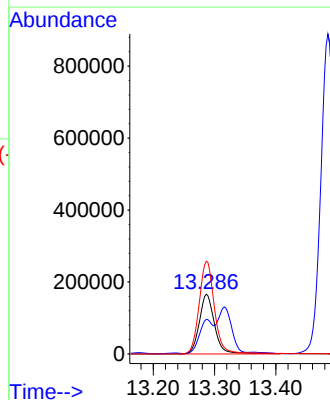
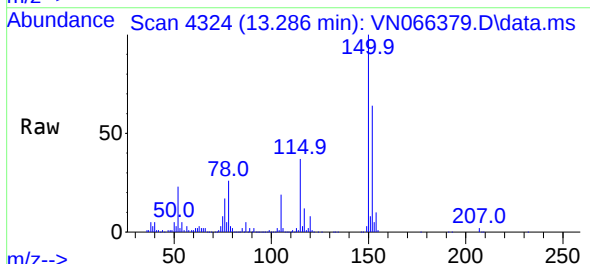
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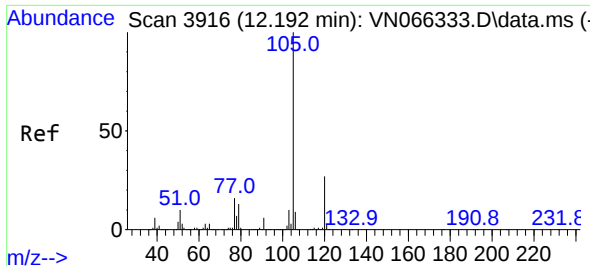
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3/30/2021 7:50:54 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066379.D
Acq: 29 Mar 2021 16:11

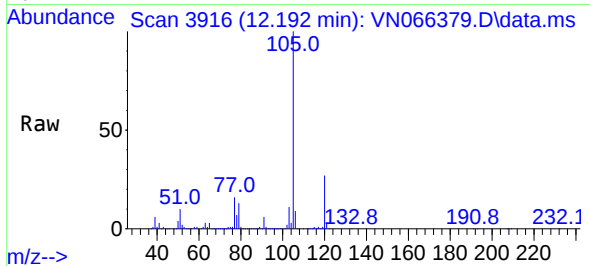
Tgt Ion:152 Resp: 287272
Ion Ratio Lower Upper
152 100
115 51.6 27.8 83.4
150 156.5 0.0 348.4





#73
Isopropylbenzene
Concen: 35.70 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. 0.000 min
Lab File: VN066379.D
Acq: 29 Mar 2021 16:11

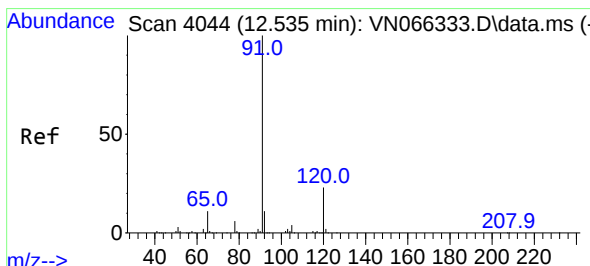
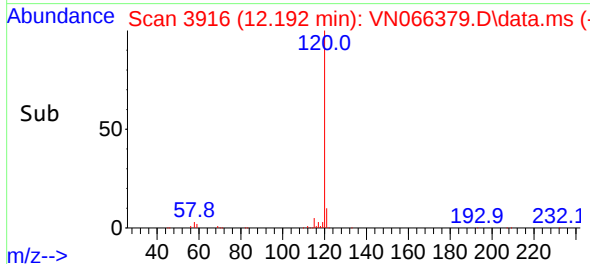
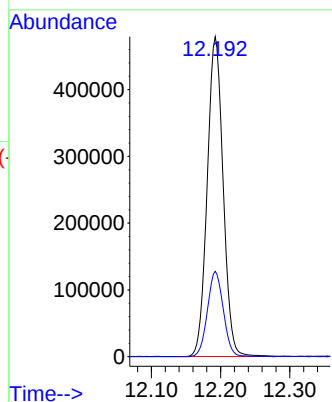
Instrument :
MSVOA_N
ClientSampleId :
LMW01



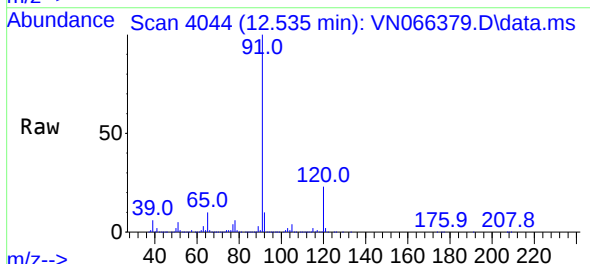
Tgt Ion:105 Resp: 762902
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.8

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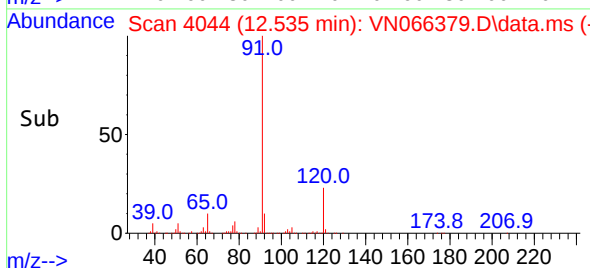
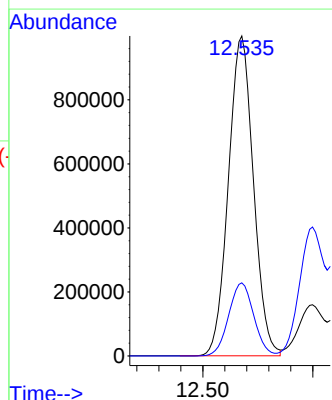
MMDadoda
3/30/2021 7:50:54 PM

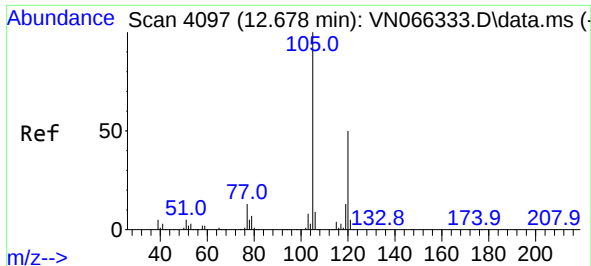


#78
n-propylbenzene
Concen: 67.99 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. 0.000 min
Lab File: VN066379.D
Acq: 29 Mar 2021 16:11



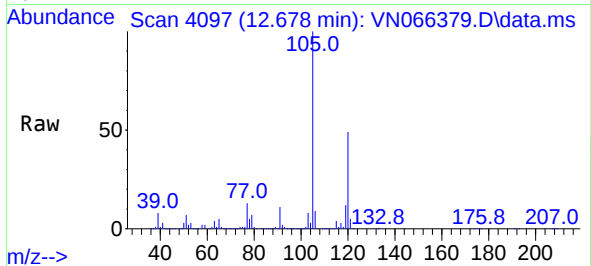
Tgt Ion: 91 Resp: 1579622
Ion Ratio Lower Upper
91 100
120 22.9 11.7 35.1





#80
1,3,5-Trimethylbenzene
Concen: 109.28 ug/l
RT: 12.678 min Scan# 4097
Delta R.T. 0.000 min
Lab File: VN066379.D
Acq: 29 Mar 2021 16:11

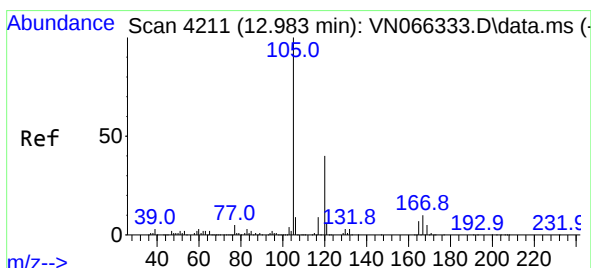
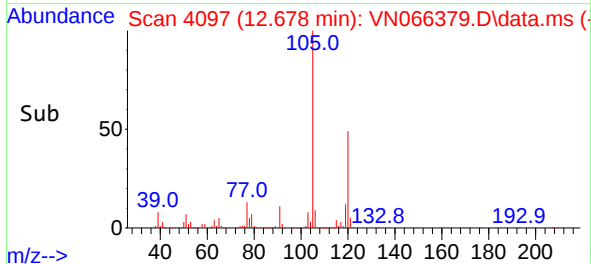
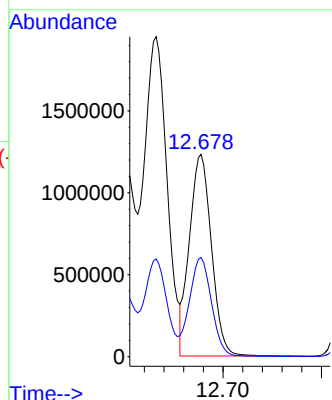
Instrument :
MSVOA_N
ClientSampled :
LMW01



Tgt Ion:105 Resp: 1909847
Ion Ratio Lower Upper
105 100
120 49.5 24.5 73.5

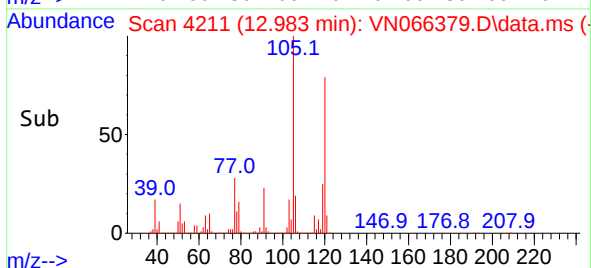
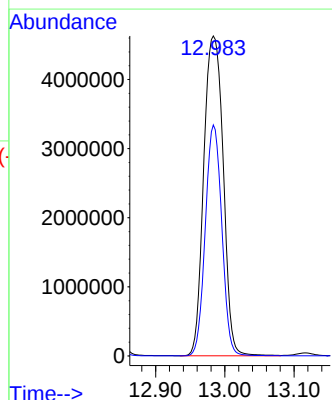
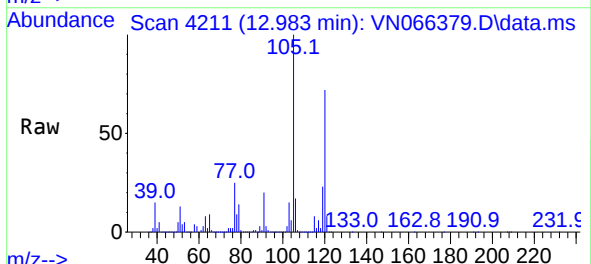
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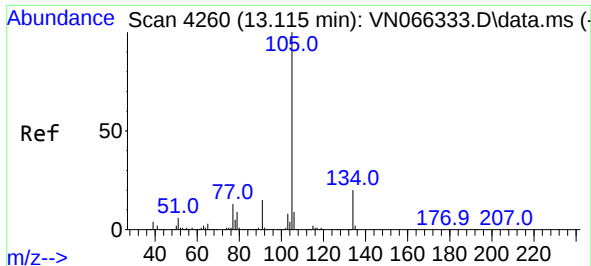
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3/30/2021 7:50:54 PM



#84
1,2,4-Trimethylbenzene
Concen: 531.88 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. 0.000 min
Lab File: VN066379.D
Acq: 29 Mar 2021 16:11

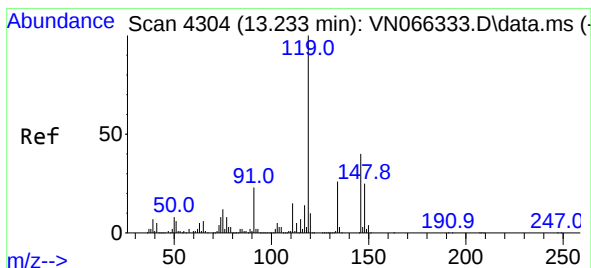
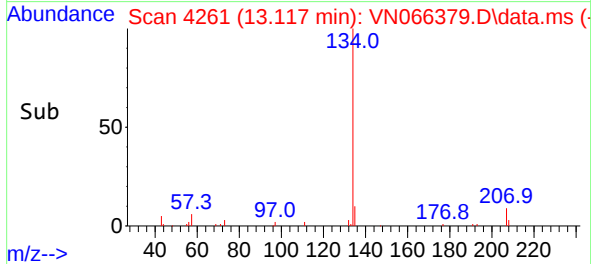
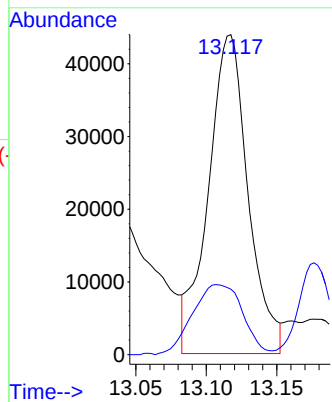
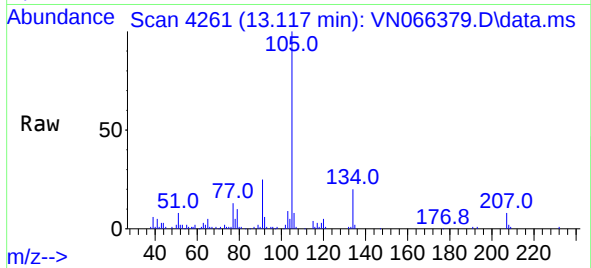
Tgt Ion:105 Resp: 9032059
Ion Ratio Lower Upper
105 100
120 61.3 23.1 69.2





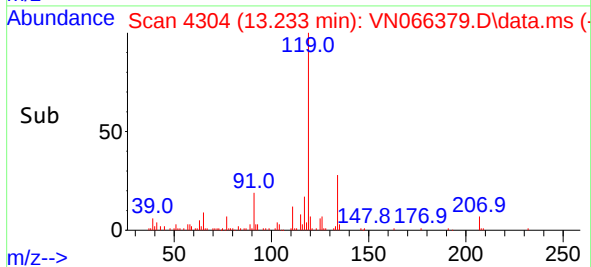
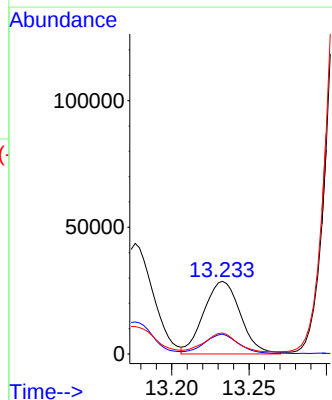
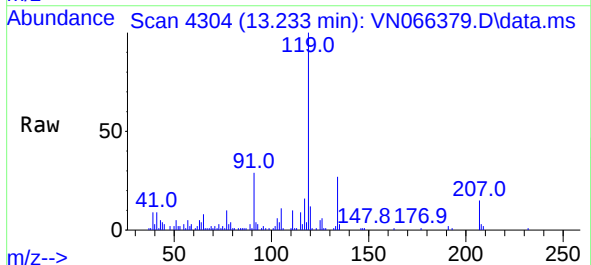
#85
sec-Butylbenzene
Concen: 4.43 ug/l m
RT: 13.117 min Scan# 4261
Delta R.T. 0.003 min
Lab File: VN066379.D
Acq: 29 Mar 2021 16:11

Tgt Ion:105 Resp: 86337
Ion Ratio Lower Upper
105 100
134 0.0 9.9 29.7#



#86
p-Isopropyltoluene
Concen: 2.70 ug/l m
RT: 13.233 min Scan# 4304
Delta R.T. 0.000 min
Lab File: VN066379.D
Acq: 29 Mar 2021 16:11

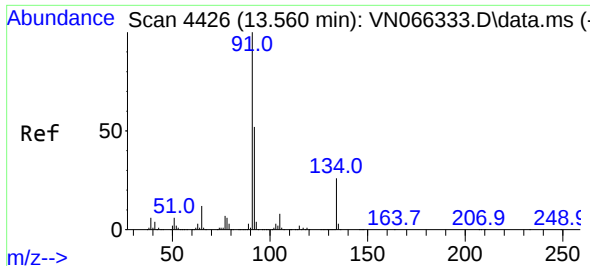
Tgt Ion:119 Resp: 47171
Ion Ratio Lower Upper
119 100
134 40.8 12.9 38.7#
91 0.0 11.5 34.5#



Instrument :
MSVOA_N
ClientSampleId :
LMW01

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3/30/2021 7:50:54 PM



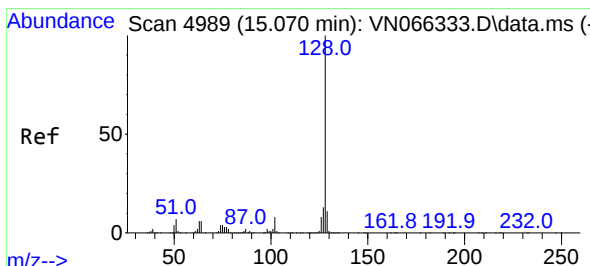
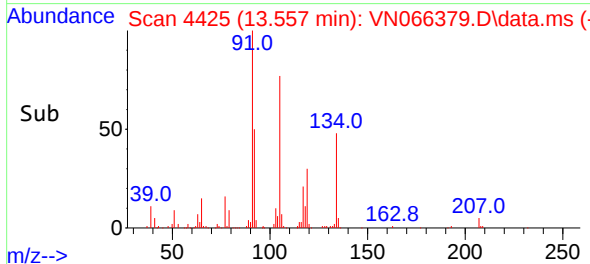
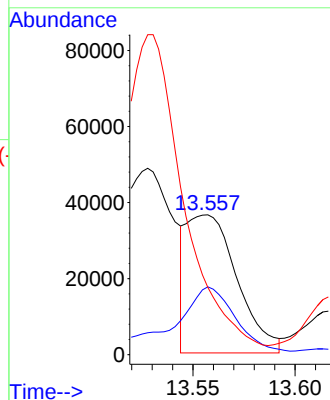
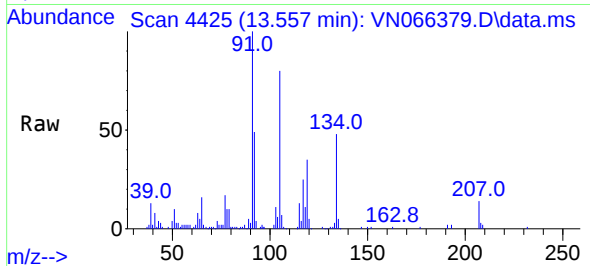
#89
n-Butylbenzene
Concen: 4.35 ug/l m
RT: 13.557 min Scan# 4425
Delta R.T. -0.003 min
Lab File: VN066379.D
Acq: 29 Mar 2021 16:11

Tgt Ion: 91 Resp: 62776
Ion Ratio Lower Upper
91 100
92 121.9 26.1 78.3#
134 0.0 12.8 38.4#

Instrument :
MSVOA_N
ClientSampled :
LMW01

Manual Integrations
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3/30/2021 7:50:54 PM



#95
Naphthalene
Concen: 225.83 ug/l
RT: 15.067 min Scan# 4988
Delta R.T. -0.003 min
Lab File: VN066379.D
Acq: 29 Mar 2021 16:11

Tgt Ion: 128 Resp: 3697672
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.8 8.5 12.7

