

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031221\
 Data File : VN066192.D
 Acq On : 12 Mar 2021 19:21
 Operator : JC/MD
 Sample : M1647-20
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP4-41735-30780

Manual Integrations
 APPROVED

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 3/15/2021 12:41:32 PM

Quant Time: Mar 13 02:43:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 12 13:00:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.587	168	477141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	748405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	622610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	218128	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.952	65	349215	45.36	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.72%		
35) Dibromofluoromethane	7.512	113	238751	47.28	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.56%		
50) Toluene-d8	10.028	98	907836	44.39	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	88.78%		
62) 4-Bromofluorobenzene	12.345	95	266275	35.39	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	70.78%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.707	59	11252m	9.53	ug/l	
16) Acetone	3.739	43	2839750	894.26	ug/l	92
18) Methyl Acetate	4.240	43	13745	1.45	ug/l #	77
25) 2-Butanone	6.748	43	51000	8.79	ug/l	93
40) Benzene	7.965	78	114889	4.80	ug/l	97
51) 4-Methyl-2-Pentanone	9.921	43	15905	1.41	ug/l	99
52) Toluene	10.095	92	25059	1.74	ug/l	97
67) Ethyl Benzene	11.452	91	9277	0.40	ug/l	97
68) m/p-Xylenes	11.559	106	21080	2.45	ug/l	100
69) o-Xylene	11.892	106	16621	1.99	ug/l	94
80) 1,3,5-Trimethylbenzene	12.675	105	15231	1.11	ug/l	93
84) 1,2,4-Trimethylbenzene	12.983	105	32399	2.38	ug/l	98
95) Naphthalene	15.073	128	17051	3.25	ug/l #	94

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

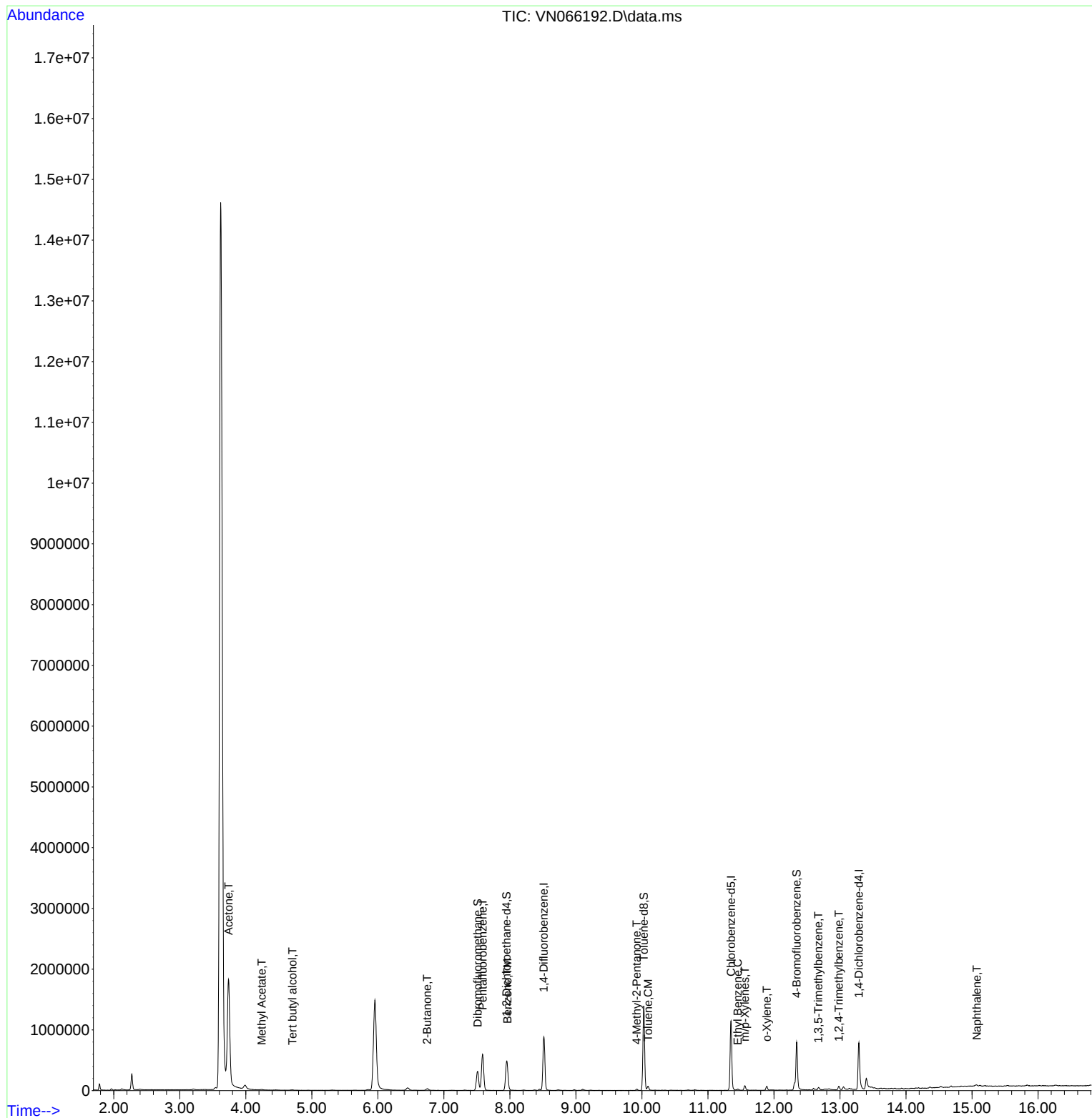
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Data File : VN066192.D
Acq On : 12 Mar 2021 19:21
Operator : JC/MD
Sample : M1647-20
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

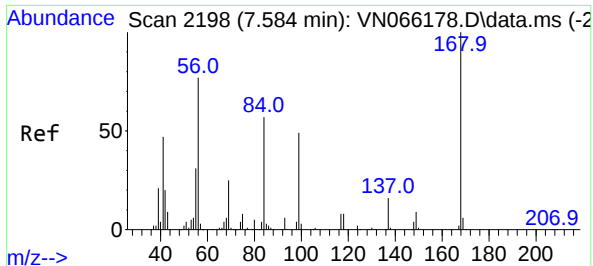
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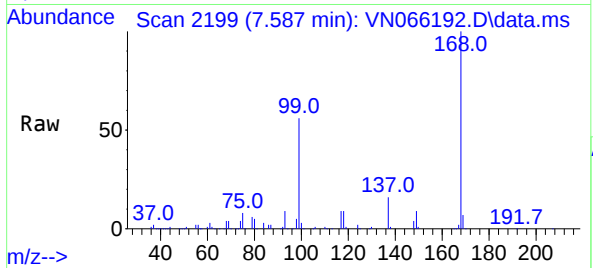
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031221W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 12 13:00:23 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. -0.003 min
Lab File: VN066192.D
Acq: 12 Mar 2021 19:21

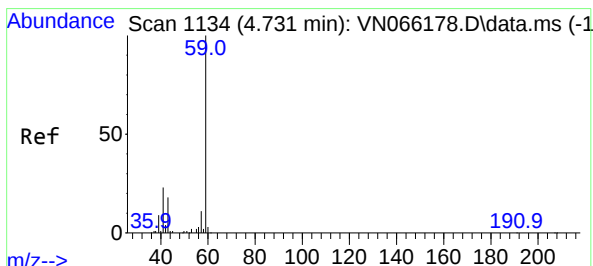
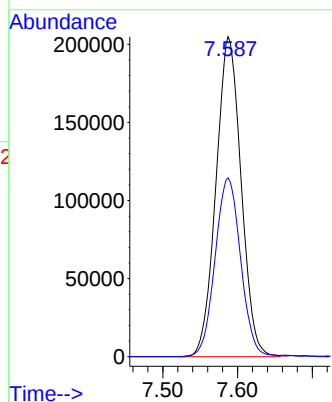
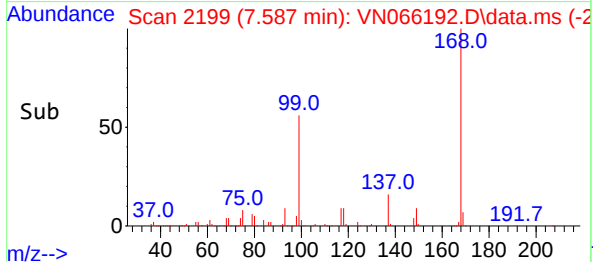
Instrument :
MSVOA_N
ClientSampleId :
COMP4-41735-30780



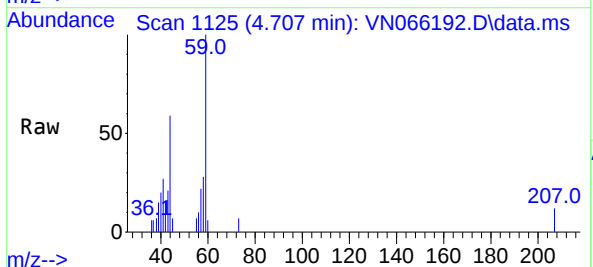
Tgt Ion:168 Resp: 477141
Ion Ratio Lower Upper
168 100
99 55.8 45.4 68.0

Manual Integrations
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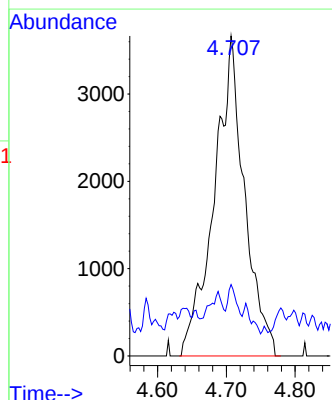
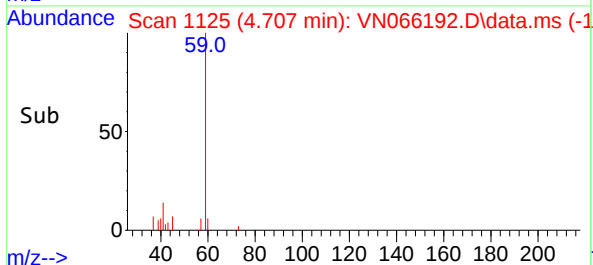
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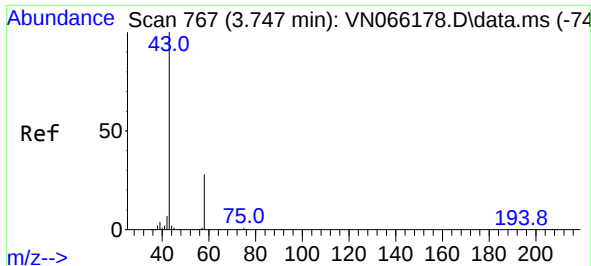


#11
Tert butyl alcohol
Concen: 9.53 ug/l m
RT: 4.707 min Scan# 1125
Delta R.T. -0.016 min
Lab File: VN066192.D
Acq: 12 Mar 2021 19:21



Tgt Ion: 59 Resp: 11252
Ion Ratio Lower Upper
59 100
57 3.6 8.0 12.0#





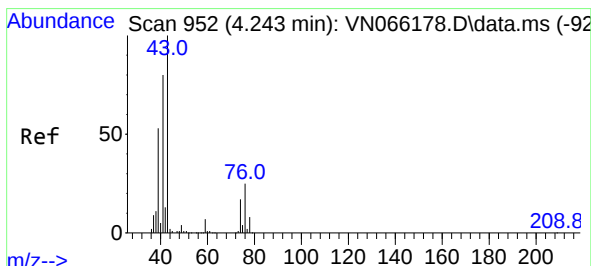
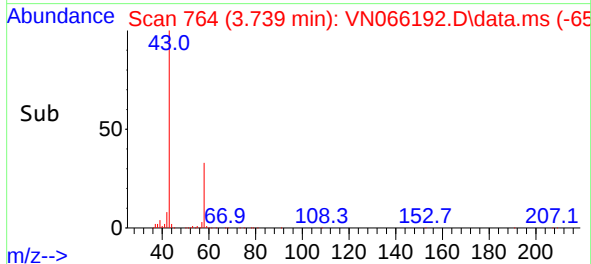
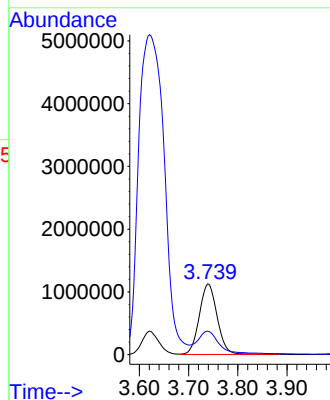
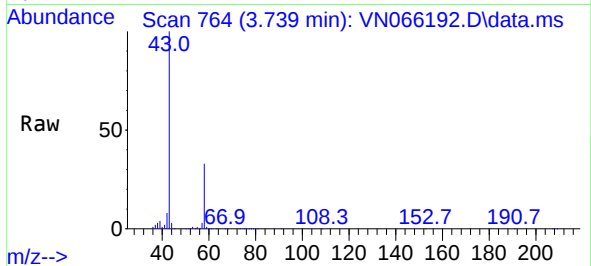
#16
Acetone
Concen: 894.26 ug/l
RT: 3.739 min Scan# 764
Delta R.T. -0.010 min
Lab File: VN066192.D
Acq: 12 Mar 2021 19:21

Tgt Ion: 43 Resp: 2839750
Ion Ratio Lower Upper
43 100
58 31.9 22.3 33.5

Instrument :
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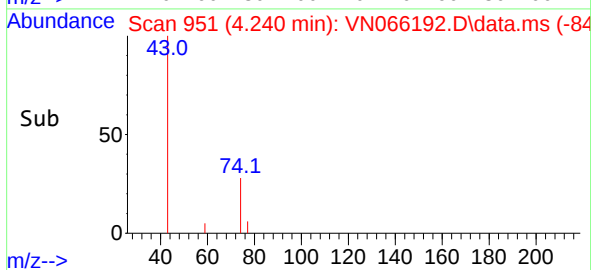
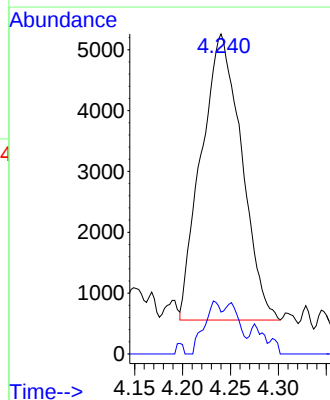
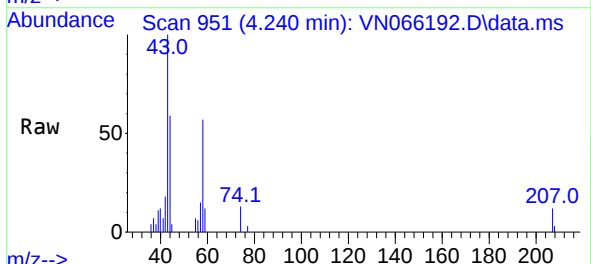
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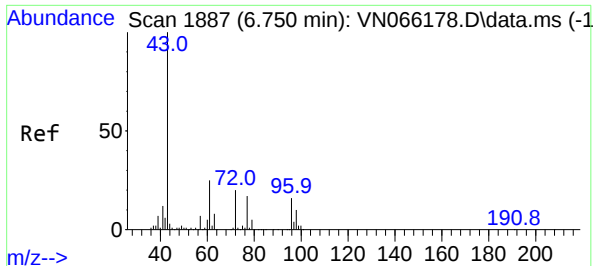
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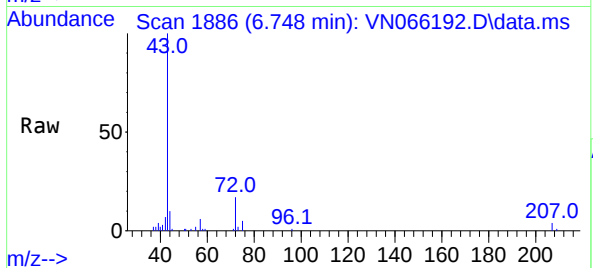
#18
Methyl Acetate
Concen: 1.45 ug/l
RT: 4.240 min Scan# 951
Delta R.T. -0.003 min
Lab File: VN066192.D
Acq: 12 Mar 2021 19:21

Tgt Ion: 43 Resp: 13745
Ion Ratio Lower Upper
43 100
74 7.5 14.2 21.2#

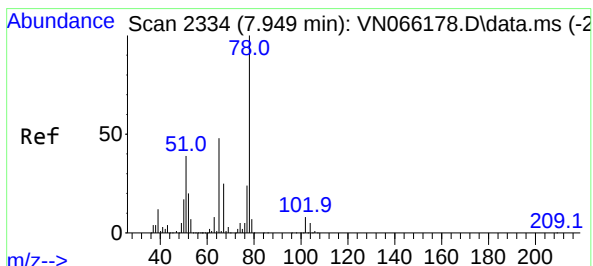
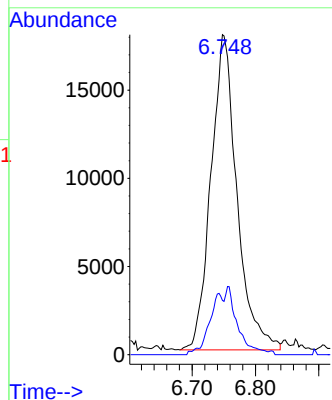
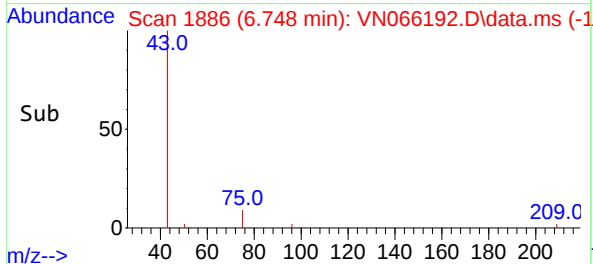




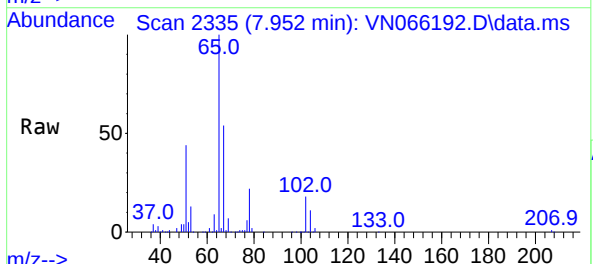
#25
2-Butanone
Concen: 8.79 ug/l
RT: 6.748 min Scan# 1886
Delta R.T. -0.002 min
Lab File: VN066192.D
Acq: 12 Mar 2021 19:21



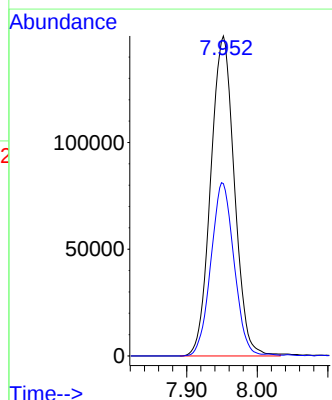
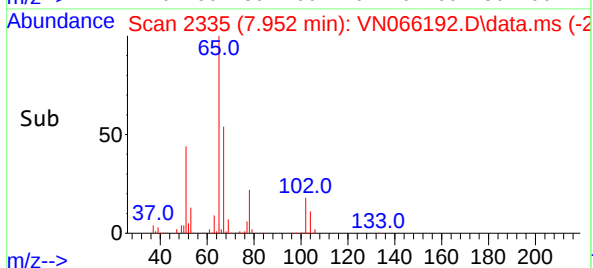
Tgt Ion: 43 Resp: 51000
Ion Ratio Lower Upper
43 100
72 17.2 16.2 24.2



#33
1,2-Dichloroethane-d4
Concen: 45.36 ug/l
RT: 7.952 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VN066192.D
Acq: 12 Mar 2021 19:21



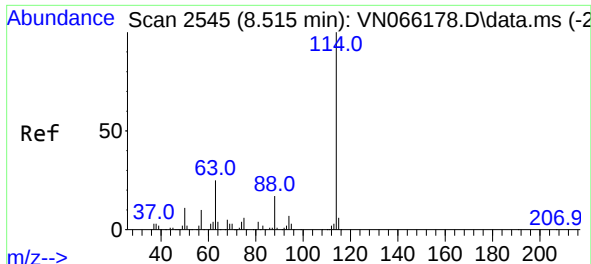
Tgt Ion: 65 Resp: 349215
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.2



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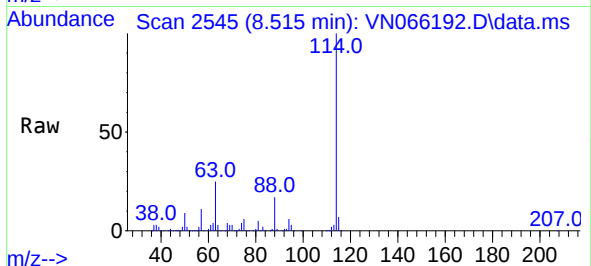
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2545
Delta R.T. -0.003 min
Lab File: VN066192.D
Acq: 12 Mar 2021 19:21

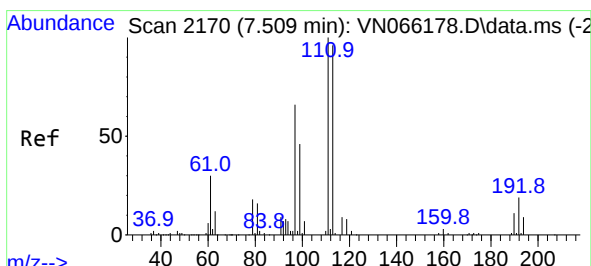
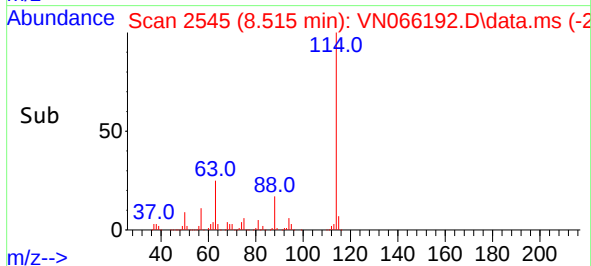
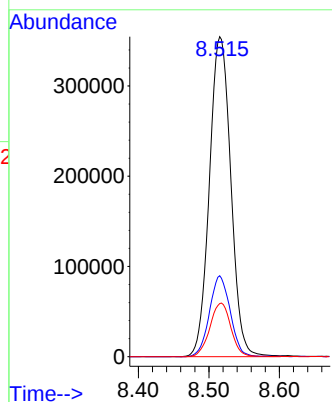
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:114 Resp: 748405
Ion Ratio Lower Upper
114 100
63 25.3 0.0 49.2
88 16.6 0.0 33.8

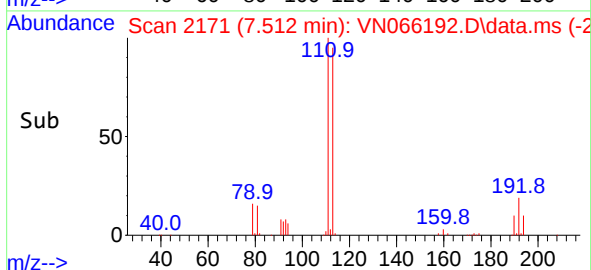
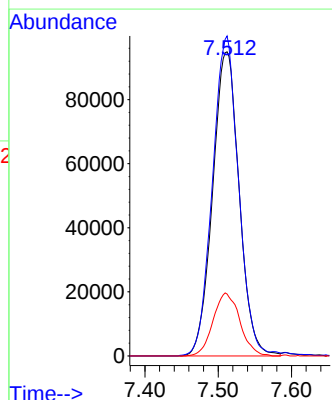
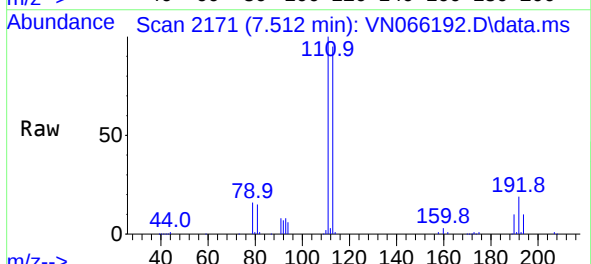
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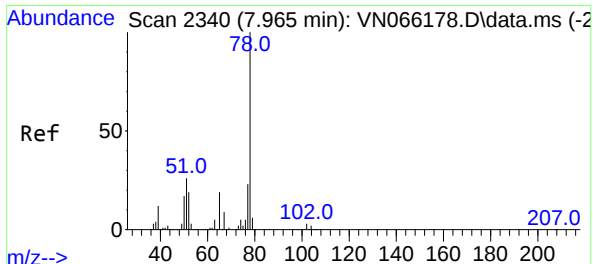
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#35
Dibromofluoromethane
Concen: 47.28 ug/l
RT: 7.512 min Scan# 2171
Delta R.T. 0.003 min
Lab File: VN066192.D
Acq: 12 Mar 2021 19:21

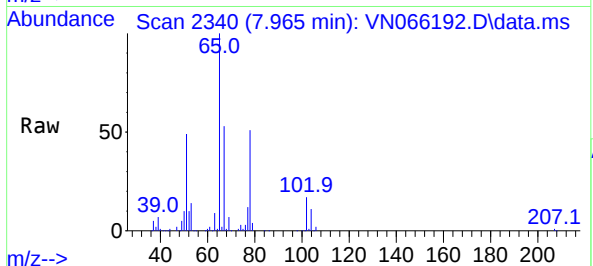
Tgt Ion:113 Resp: 238751
Ion Ratio Lower Upper
113 100
111 103.2 84.0 126.0
192 20.9 16.7 25.1





#40
Benzene
Concen: 4.80 ug/l
RT: 7.965 min Scan# 2340
Delta R.T. 0.000 min
Lab File: VN066192.D
Acq: 12 Mar 2021 19:21

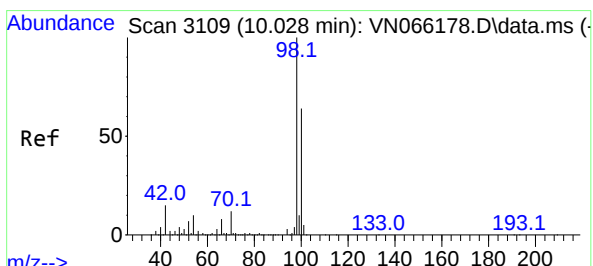
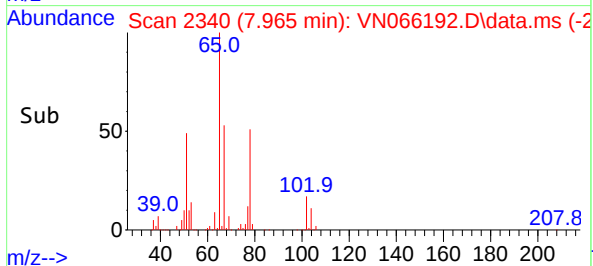
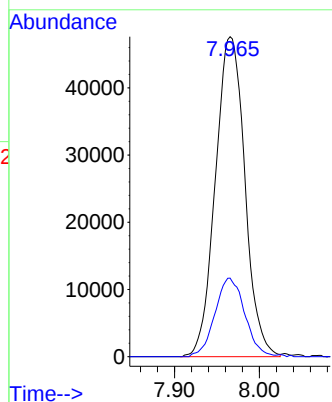
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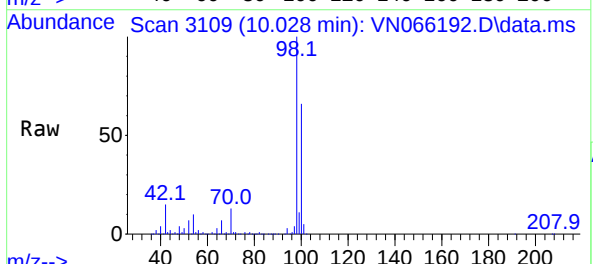
Tgt Ion: 78 Resp: 114889
Ion Ratio Lower Upper
78 100
77 24.6 18.5 27.7

Manual Integrations
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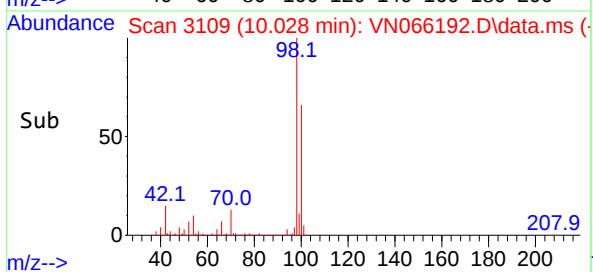
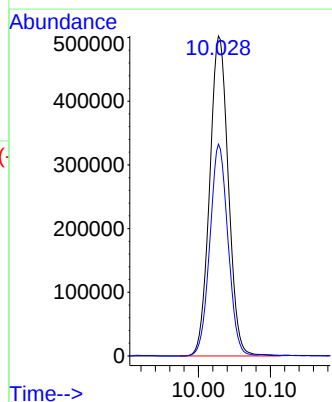
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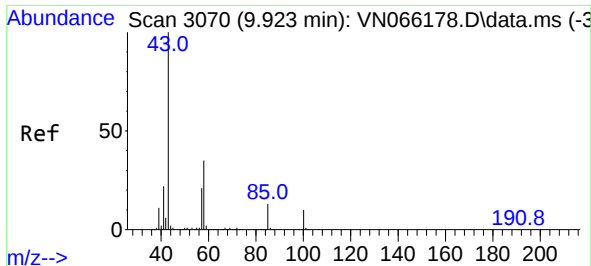


#50
Toluene-d8
Concen: 44.39 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.002 min
Lab File: VN066192.D
Acq: 12 Mar 2021 19:21



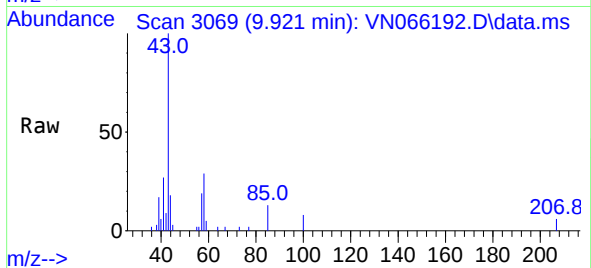
Tgt Ion: 98 Resp: 907836
Ion Ratio Lower Upper
98 100
100 64.2 51.0 76.6





#51
4-Methyl-2-Pentanone
Concen: 1.41 ug/l
RT: 9.921 min Scan# 3069
Delta R.T. -0.002 min
Lab File: VN066192.D
Acq: 12 Mar 2021 19:21

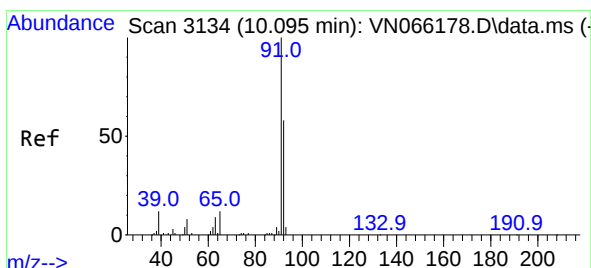
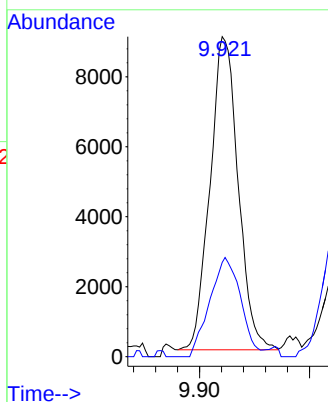
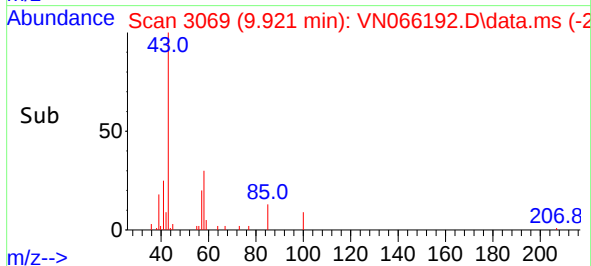
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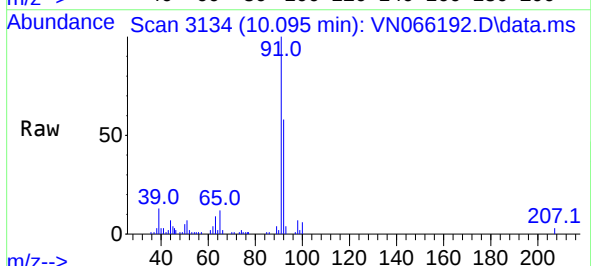
Tgt Ion: 43 Resp: 15905
Ion Ratio Lower Upper
43 100
58 34.9 27.5 41.3

Manual Integrations
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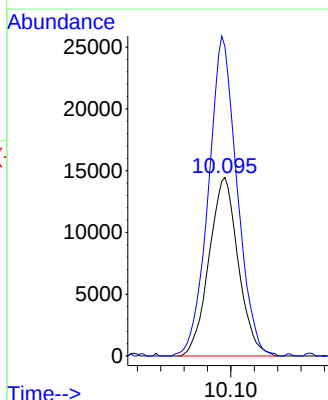
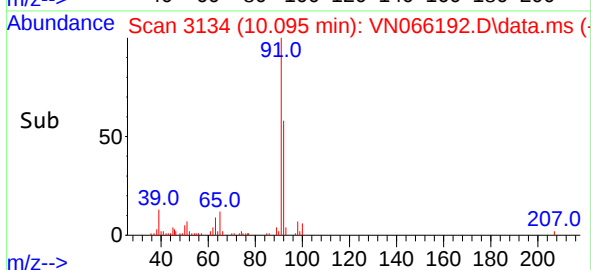
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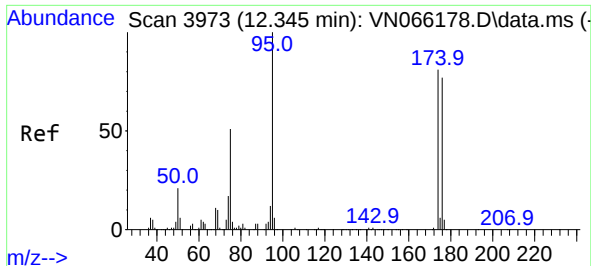


#52
Toluene
Concen: 1.74 ug/l
RT: 10.095 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VN066192.D
Acq: 12 Mar 2021 19:21



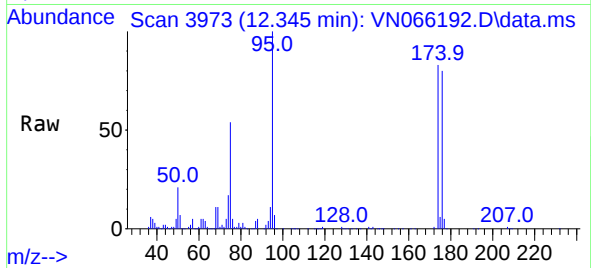
Tgt Ion: 92 Resp: 25059
Ion Ratio Lower Upper
92 100
91 176.0 137.5 206.3





#62
4-Bromofluorobenzene
Concen: 35.39 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.003 min
Lab File: VN066192.D
Acq: 12 Mar 2021 19:21

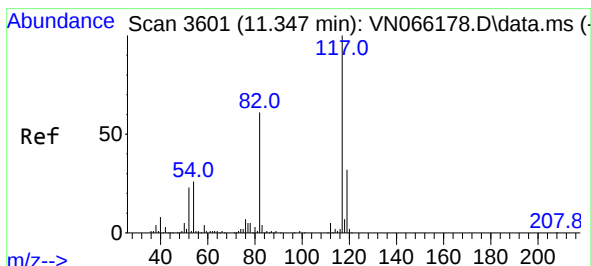
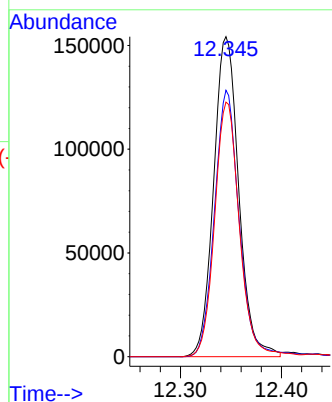
Instrument :
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COMP4-41735-30780



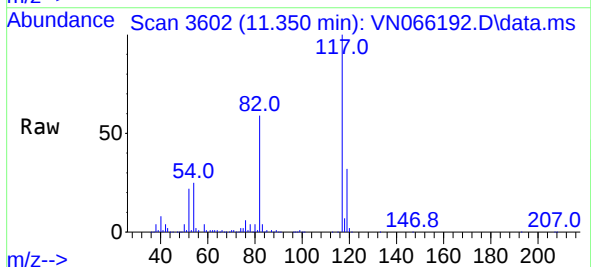
Tgt Ion: 95 Resp: 266275
Ion Ratio Lower Upper
95 100
174 82.2 0.0 162.4
176 78.6 0.0 156.2

Manual Integrations
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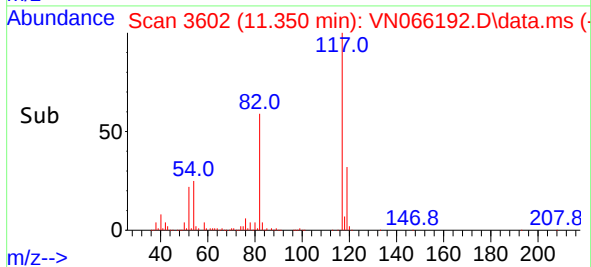
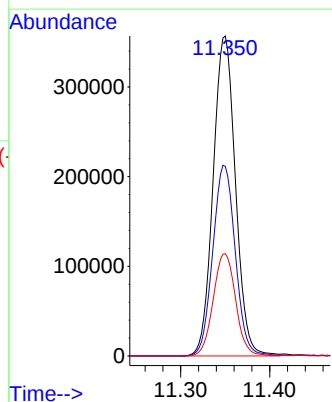
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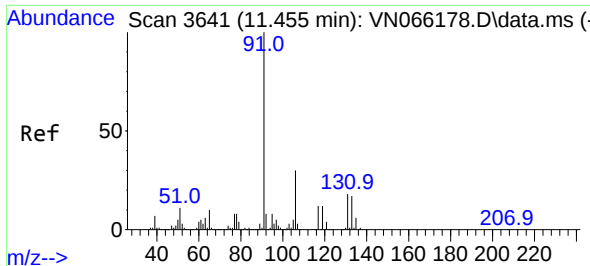


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. 0.000 min
Lab File: VN066192.D
Acq: 12 Mar 2021 19:21



Tgt Ion: 117 Resp: 622610
Ion Ratio Lower Upper
117 100
82 59.2 49.0 73.6
119 31.9 25.7 38.5





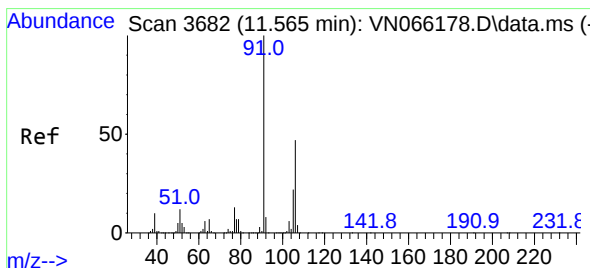
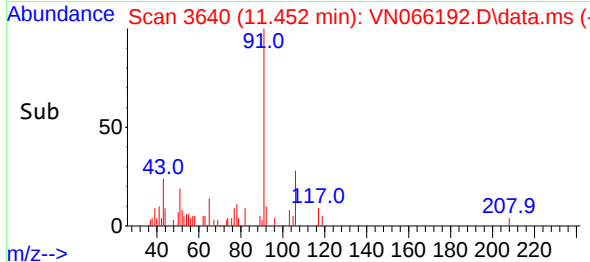
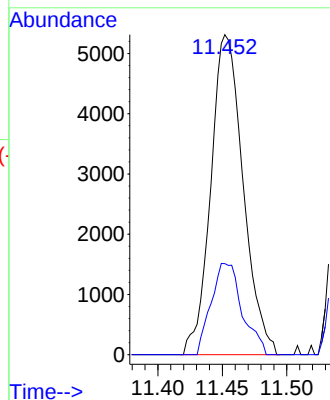
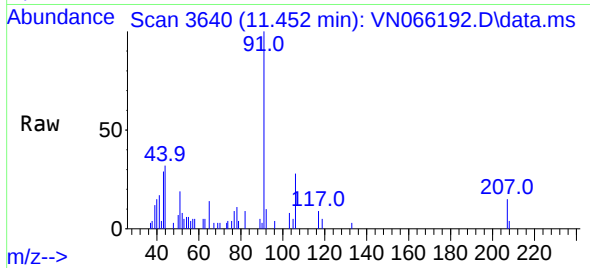
#67
Ethyl Benzene
Concen: 0.40 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.003 min
Lab File: VN066192.D
Acq: 12 Mar 2021 19:21

Tgt Ion: 91 Resp: 9277
Ion Ratio Lower Upper
91 100
106 28.4 24.2 36.2

Instrument :
MSVOA_N
ClientSampleId :
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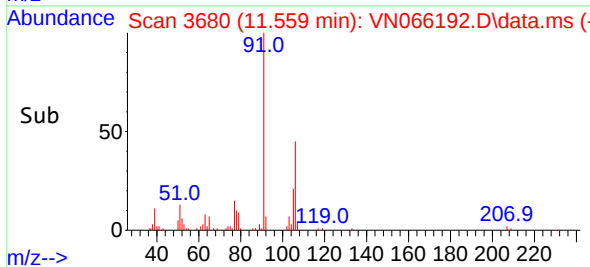
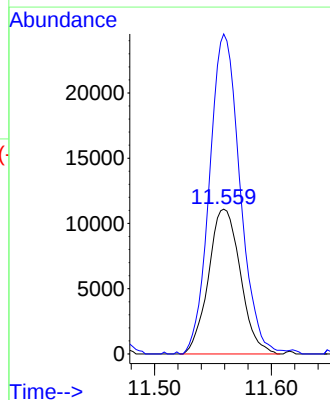
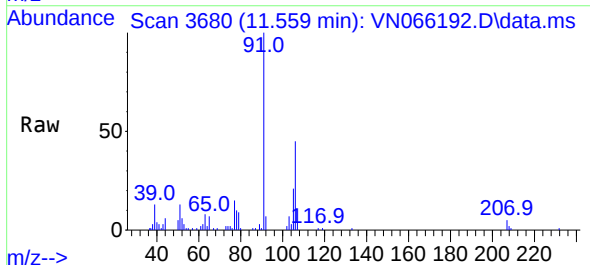
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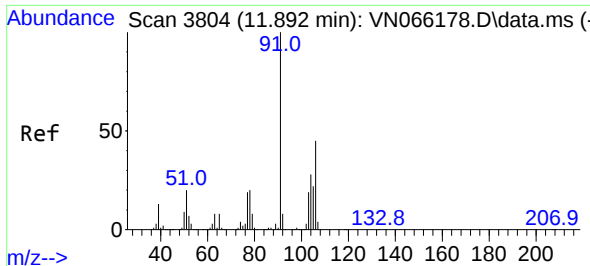
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#68
m/p-Xylenes
Concen: 2.45 ug/l
RT: 11.559 min Scan# 3680
Delta R.T. -0.005 min
Lab File: VN066192.D
Acq: 12 Mar 2021 19:21

Tgt Ion: 106 Resp: 21080
Ion Ratio Lower Upper
106 100
91 210.9 168.2 252.4





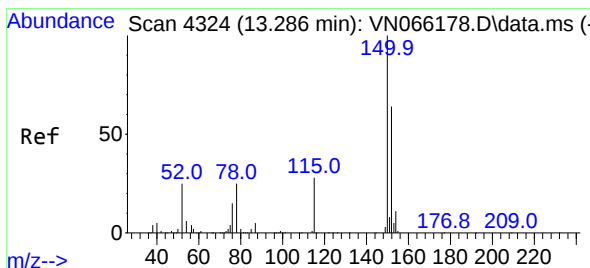
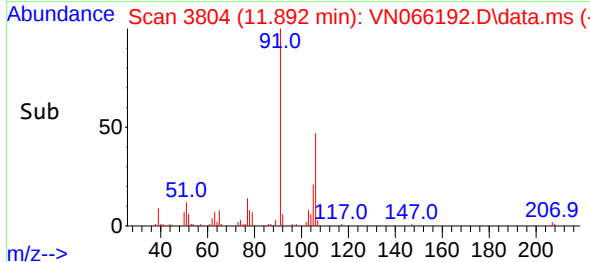
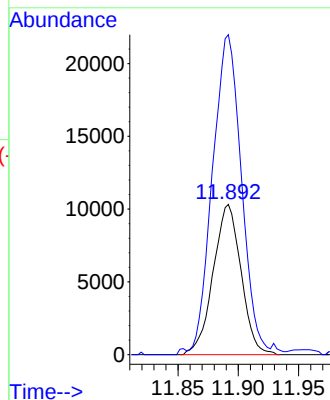
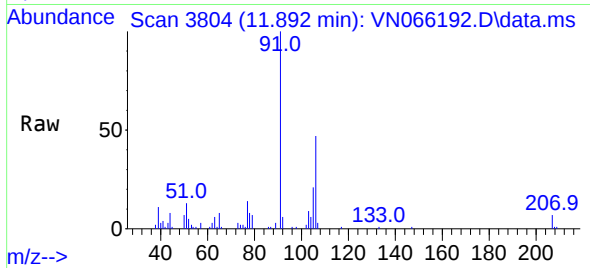
#69
o-Xylene
Concen: 1.99 ug/l
RT: 11.892 min Scan# 3804
Delta R.T. -0.000 min
Lab File: VN066192.D
Acq: 12 Mar 2021 19:21

Tgt Ion:106 Resp: 16621
Ion Ratio Lower Upper
106 100
91 213.8 111.8 335.3

Instrument :
MSVOA_N
ClientSampleId :
COMP4-41735-30780

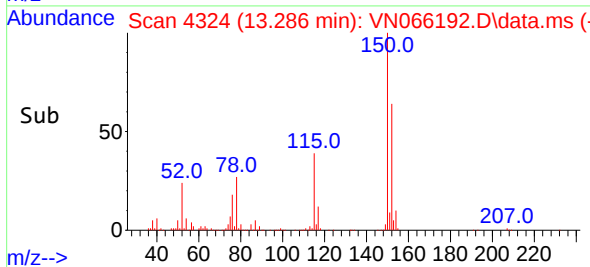
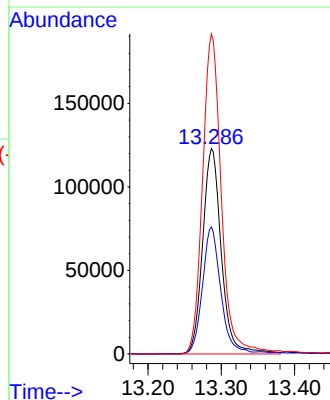
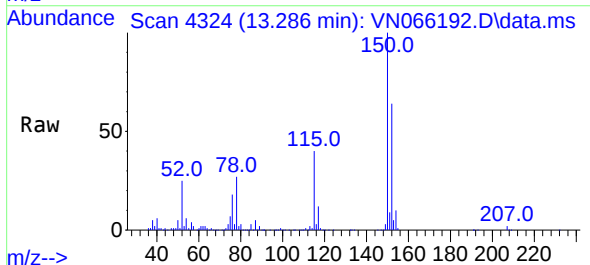
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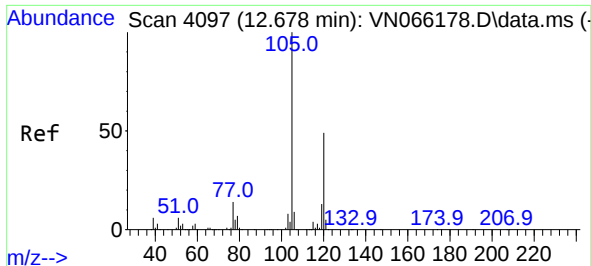
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. -0.003 min
Lab File: VN066192.D
Acq: 12 Mar 2021 19:21

Tgt Ion:152 Resp: 218128
Ion Ratio Lower Upper
152 100
115 60.4 29.4 88.3
150 156.0 0.0 352.2





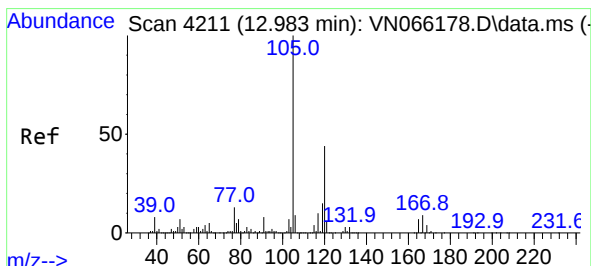
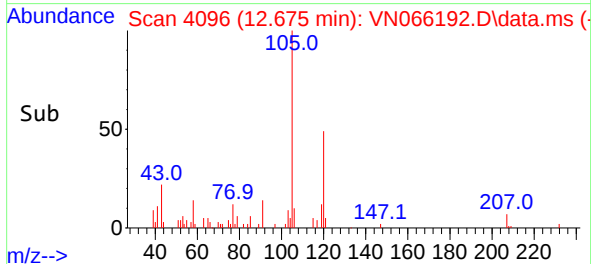
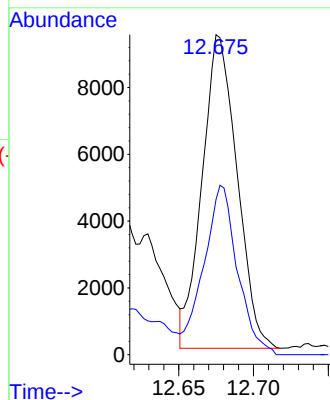
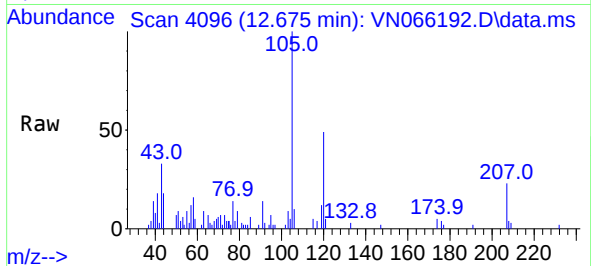
#80
1,3,5-Trimethylbenzene
Concen: 1.11 ug/l
RT: 12.675 min Scan# 4096
Delta R.T. -0.003 min
Lab File: VN066192.D
Acq: 12 Mar 2021 19:21

Tgt Ion:105 Resp: 15231
Ion Ratio Lower Upper
105 100
120 52.5 23.9 71.8

Instrument :
MSVOA_N
ClientSampleId :
COMP4-41735-30780

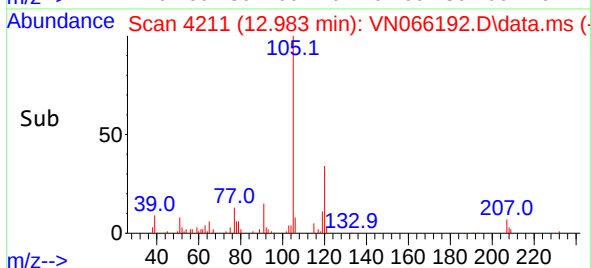
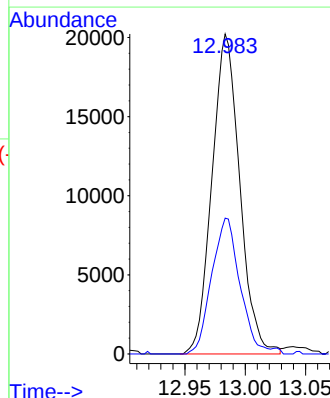
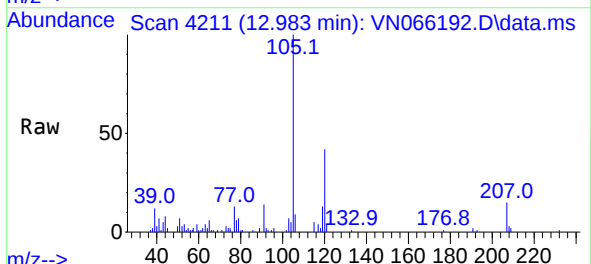
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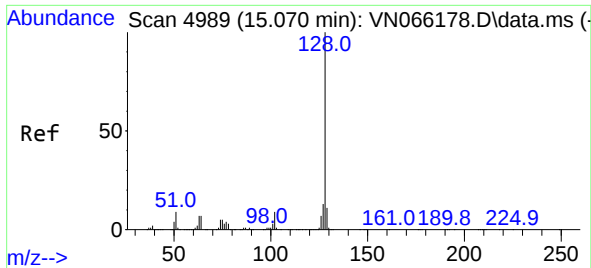
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#84
1,2,4-Trimethylbenzene
Concen: 2.38 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. 0.000 min
Lab File: VN066192.D
Acq: 12 Mar 2021 19:21

Tgt Ion:105 Resp: 32399
Ion Ratio Lower Upper
105 100
120 43.0 22.1 66.5





#95
Naphthalene
Concen: 3.25 ug/l
RT: 15.073 min Scan# 4990
Delta R.T. 0.003 min
Lab File: VN066192.D
Acq: 12 Mar 2021 19:21

Tgt Ion:	128	Resp:	17051
Ion Ratio	Lower	Upper	
128	100		
127	14.3	10.3	15.5
129	14.1	8.4	12.6#

Instrument :
MSVOA_N
ClientSampleId :
COMP4-41735-30780

Manual Integrations
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