

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
 Data File : VN066380.D
 Acq On : 29 Mar 2021 16:34
 Operator : JC/MD
 Sample : M1835-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ASR7

Manual Integrations
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Quant Time: Mar 30 01:36:51 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	549021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	847909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	722206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	314808	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.957	65	491699	67.37	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	134.74%#		
35) Dibromofluoromethane	7.507	113	280198	49.85	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.70%		
50) Toluene-d8	10.028	98	1128576	52.93	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	105.86%		
62) 4-Bromofluorobenzene	12.345	95	358459	48.40	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.80%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.712	59	966430	868.27	ug/l #	85
16) Acetone	3.730	43	151973	38.54	ug/l #	73
19) Methyl tert-butyl Ether	4.945	73	39979701	2143.08	ug/l #	1
22) Diisopropyl ether	5.863	45	45047	2.32	ug/l #	78
31) Cyclohexane	7.568	56	413081	40.90	ug/l	99
39) Methylcyclohexane	9.011	83	173855	17.90	ug/l	97
40) Benzene	7.965	78	24650030	1024.62	ug/l #	1
44) Trichloroethene	8.767	130	6933	1.10	ug/l	74
52) Toluene	10.092	92	9672121	654.93	ug/l #	67
64) Tetrachloroethene	10.569	164	19677	3.20	ug/l	97
67) Ethyl Benzene	11.454	91	14522984	555.66	ug/l #	10
68) m/p-Xylenes	11.567	106	15943692	1605.52	ug/l #	47
69) o-Xylene	11.892	106	3950350	412.28	ug/l	81
73) Isopropylbenzene	12.192	105	1092897	46.67	ug/l	100
78) n-propylbenzene	12.535	91	2671528	104.93	ug/l	99
80) 1,3,5-Trimethylbenzene	12.677	105	4500057	234.96	ug/l	98
84) 1,2,4-Trimethylbenzene	12.983	105	10240347	550.29	ug/l	70
85) sec-Butylbenzene	13.115	105	97393m	4.56	ug/l	
86) p-Isopropyltoluene	13.233	119	44639m	2.33	ug/l	
89) n-Butylbenzene	13.557	91	87108m	5.51	ug/l	
95) Naphthalene	15.070	128	5859827	326.10	ug/l	98

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

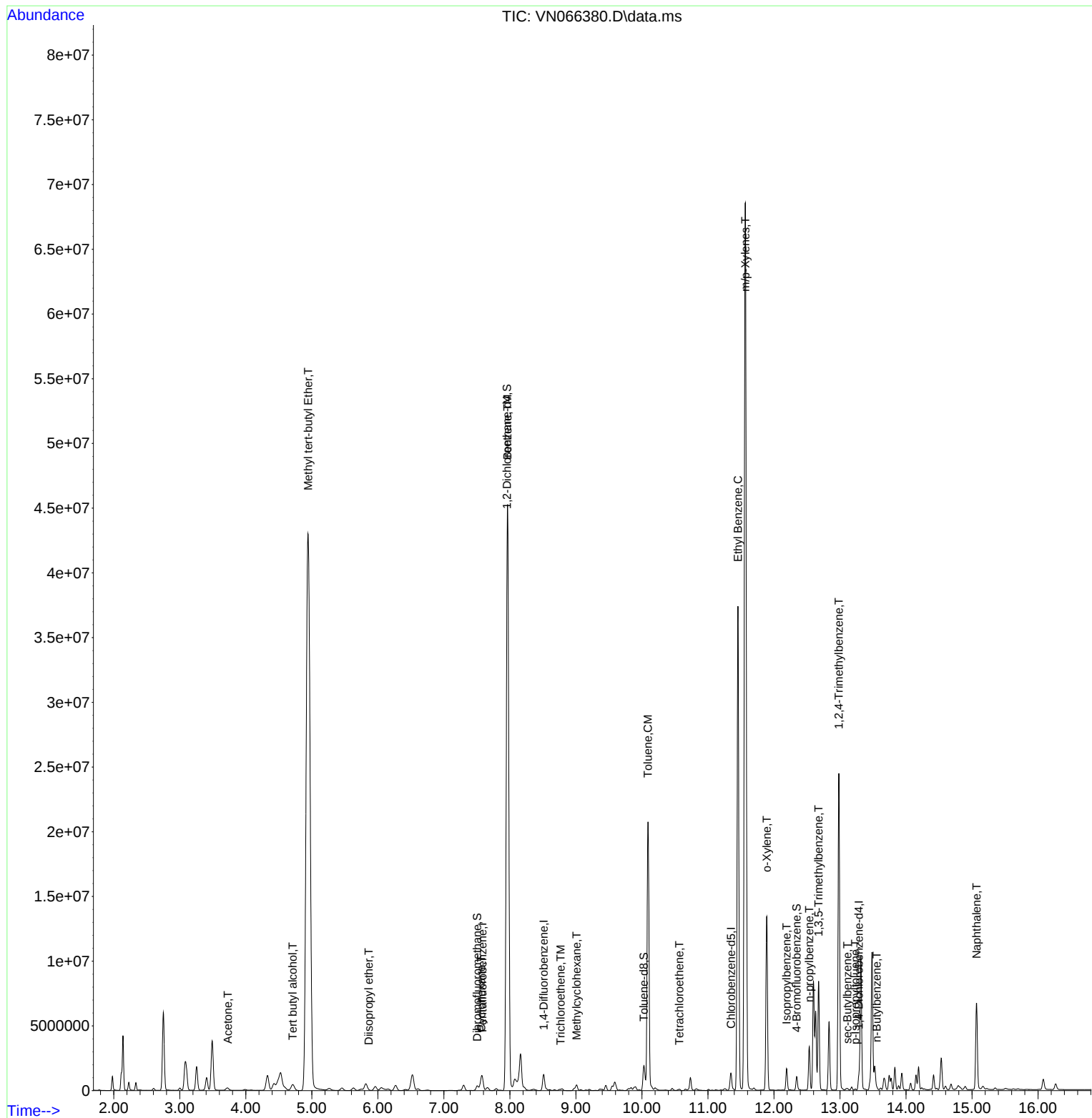
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
Data File : VN066380.D
Acq On : 29 Mar 2021 16:34
Operator : JC/MD
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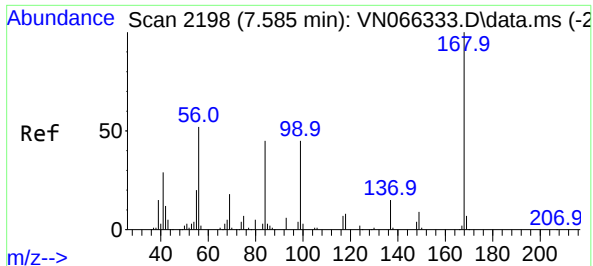
Instrument :
MSVOA_N
ClientSampleId :
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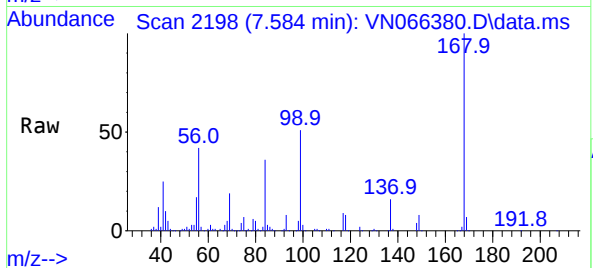
Quant Time: Mar 30 01:36:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 26 16:26:01 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.001 min
Lab File: VN066380.D
Acq: 29 Mar 2021 16:34

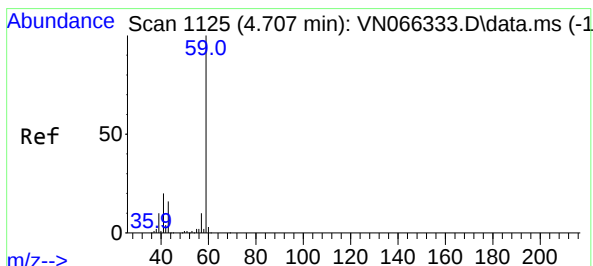
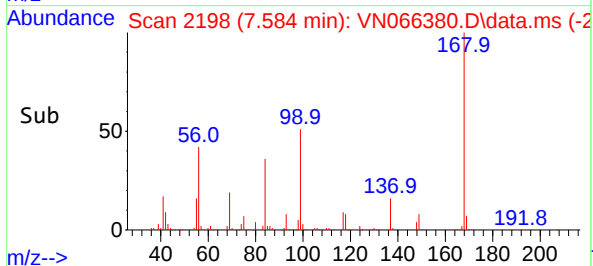
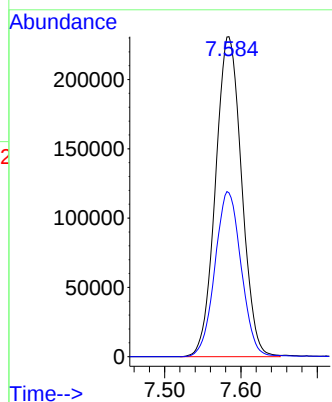
Instrument :
MSVOA_N
ClientSampled :
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Tgt Ion:168 Resp: 549021
Ion Ratio Lower Upper
168 100
99 51.2 41.1 61.7

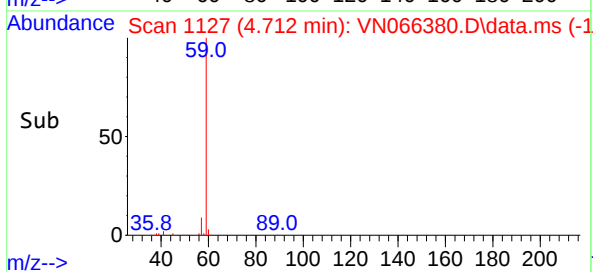
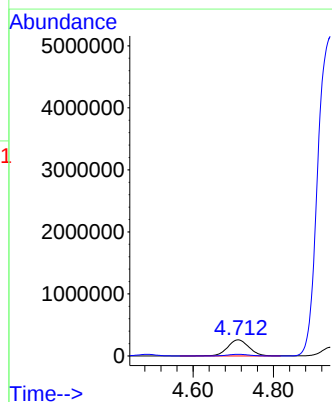
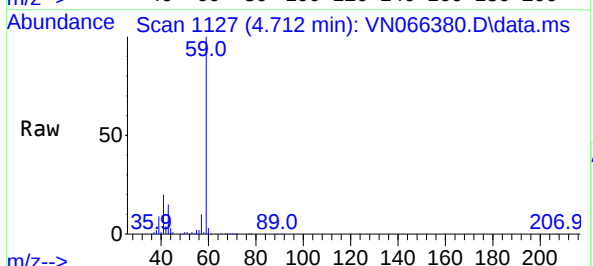
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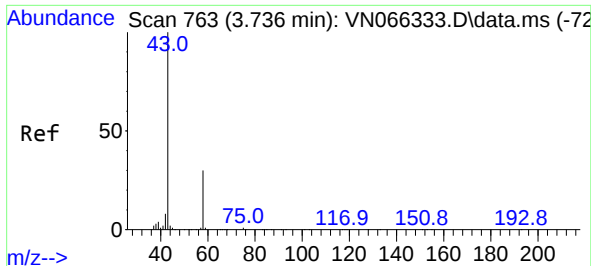
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#11
Tert butyl alcohol
Concen: 868.27 ug/l
RT: 4.712 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN066380.D
Acq: 29 Mar 2021 16:34

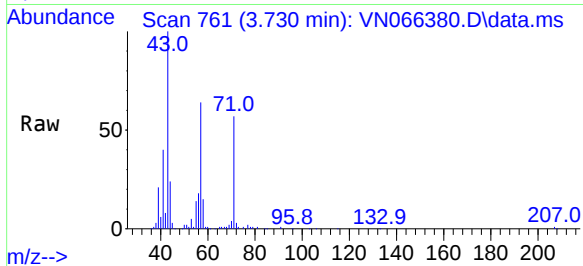
Tgt Ion: 59 Resp: 966430
Ion Ratio Lower Upper
59 100
57 0.0 4.1 6.1#





#16
Acetone
Concen: 38.54 ug/l
RT: 3.730 min Scan# 761
Delta R.T. -0.006 min
Lab File: VN066380.D
Acq: 29 Mar 2021 16:34

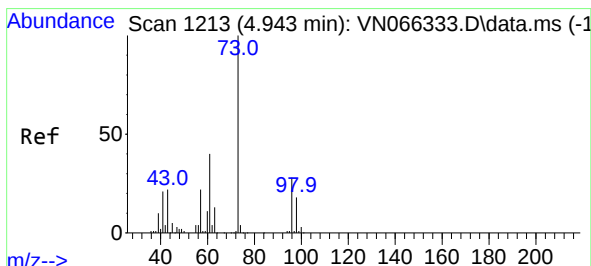
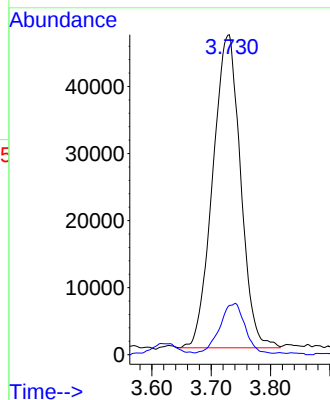
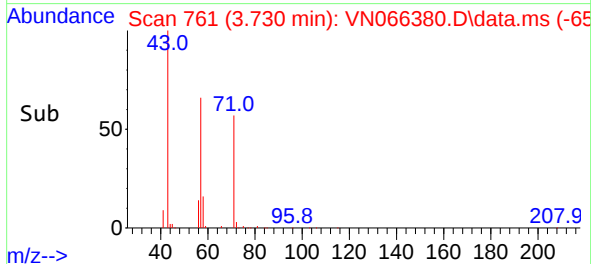
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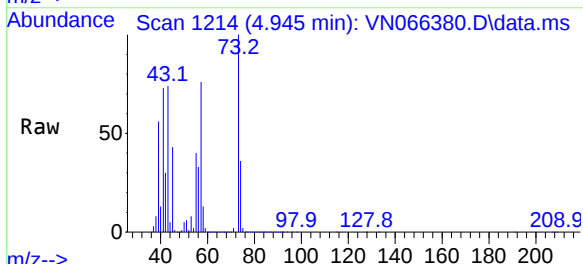
Tgt Ion: 43 Resp: 151973
Ion Ratio Lower Upper
43 100
58 15.1 23.8 35.8#

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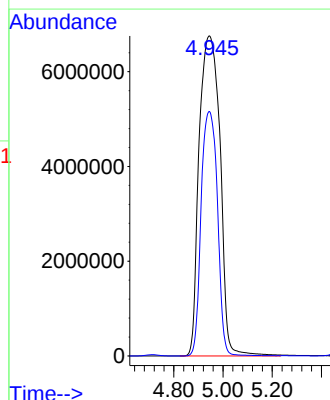
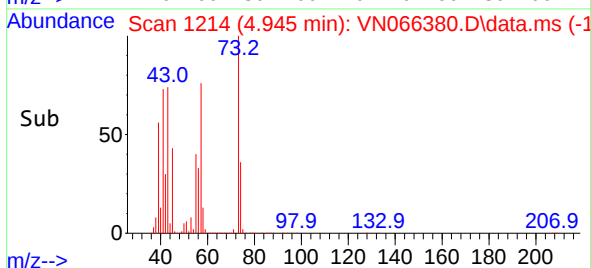
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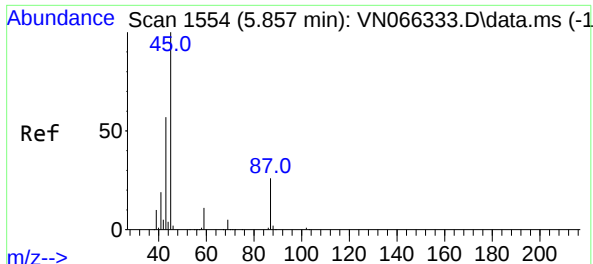


#19
Methyl tert-butyl Ether
Concen: 2143.08 ug/l
RT: 4.945 min Scan# 1214
Delta R.T. 0.003 min
Lab File: VN066380.D
Acq: 29 Mar 2021 16:34

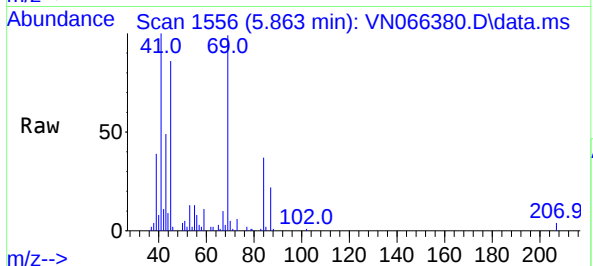


Tgt Ion: 73 Resp: 39979701
Ion Ratio Lower Upper
73 100
57 76.4 17.6 26.4#

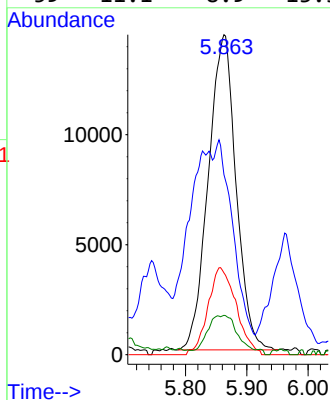




#22
Diisopropyl ether
Concen: 2.32 ug/l
RT: 5.863 min Scan# 1556
Delta R.T. 0.005 min
Lab File: VN066380.D
Acq: 29 Mar 2021 16:34



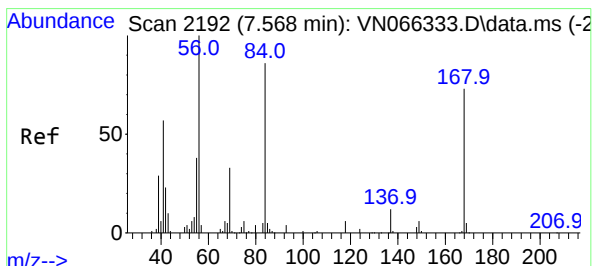
Tgt Ion:	45	Resp:	45047
Ion Ratio	Lower	Upper	
45	100		
43	33.5	48.1	72.1#
87	25.9	21.6	32.4
59	11.1	8.9	13.3



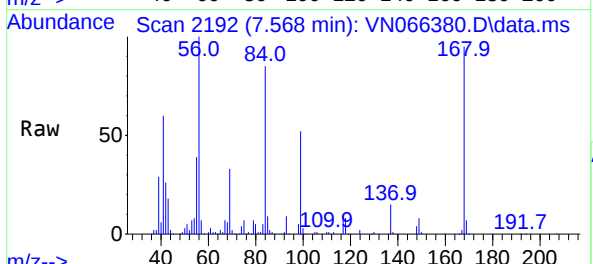
Instrument :
MSVOA_N
ClientSampled :
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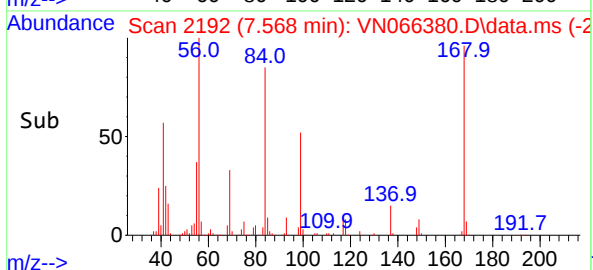
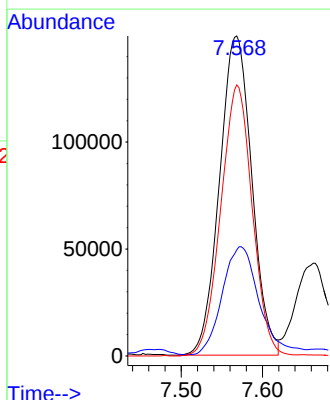
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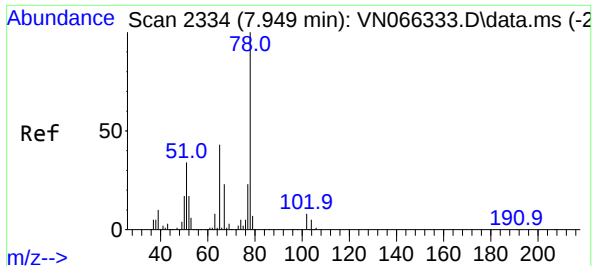


#31
Cyclohexane
Concen: 40.90 ug/l
RT: 7.568 min Scan# 2192
Delta R.T. -0.000 min
Lab File: VN066380.D
Acq: 29 Mar 2021 16:34



Tgt Ion:	56	Resp:	413081
Ion Ratio	Lower	Upper	
56	100		
69	32.6	26.6	40.0
84	84.9	68.7	103.1





#33

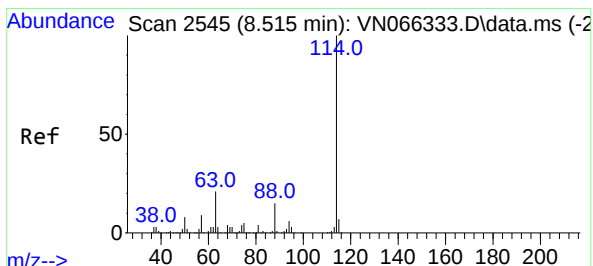
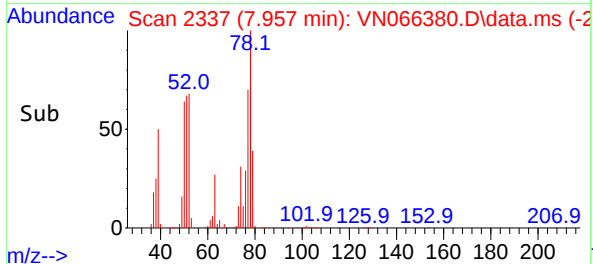
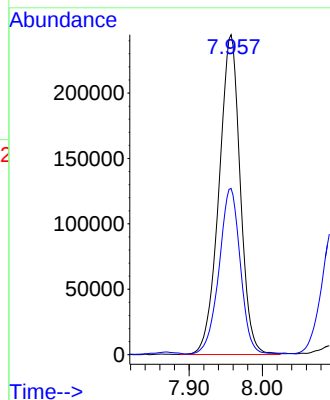
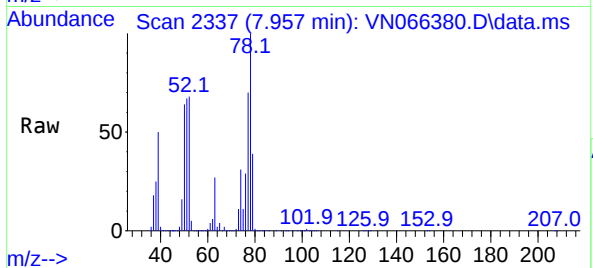
1,2-Dichloroethane-d4
Concen: 67.37 ug/l
RT: 7.957 min Scan# 2337
Delta R.T. 0.008 min
Lab File: VN066380.D
Acq: 29 Mar 2021 16:34

Tgt Ion: 65 Resp: 491699
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.2

Instrument :
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ClientSampled :
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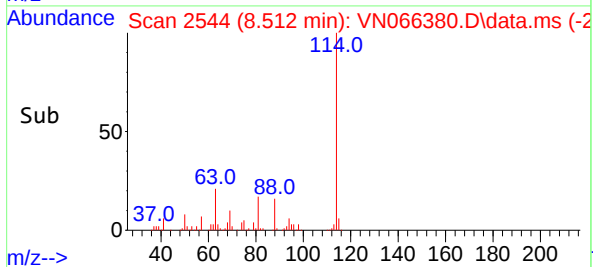
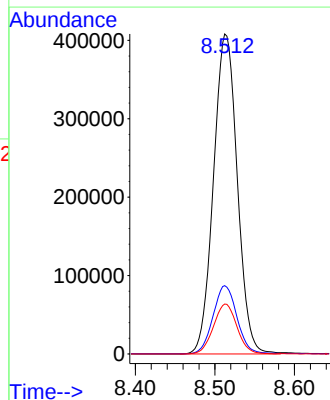
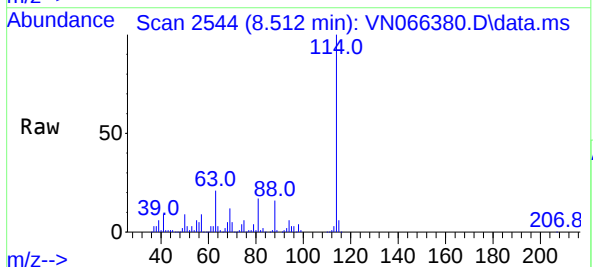
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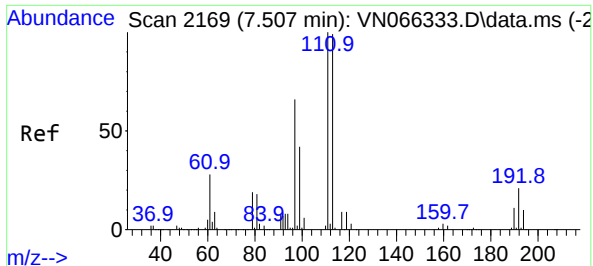


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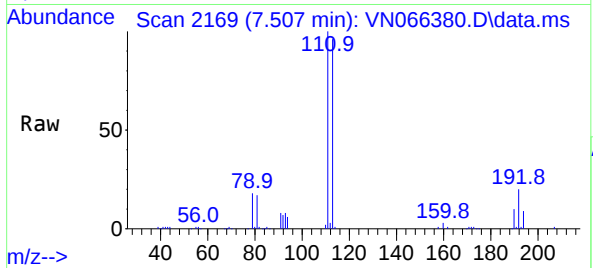
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.512 min Scan# 2544
Delta R.T. -0.003 min
Lab File: VN066380.D
Acq: 29 Mar 2021 16:34

Tgt Ion: 114 Resp: 847909
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.0
88 15.6 0.0 31.0

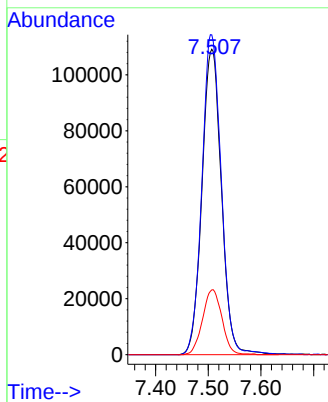
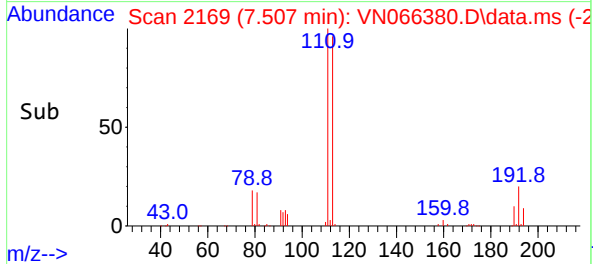




#35
Dibromofluoromethane
Concen: 49.85 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VN066380.D
Acq: 29 Mar 2021 16:34



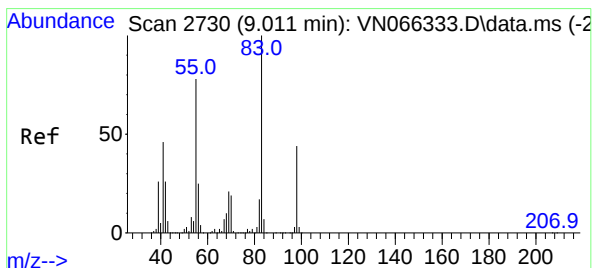
Tgt Ion: 113 Resp: 280198
Ion Ratio Lower Upper
113 100
111 104.1 81.8 122.8
192 21.2 17.1 25.7



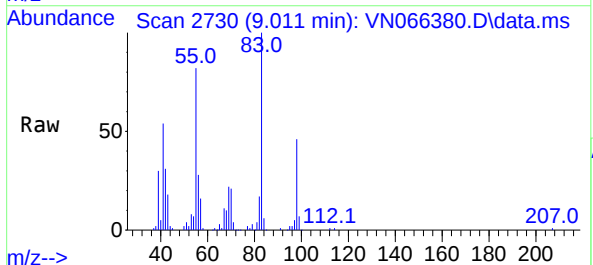
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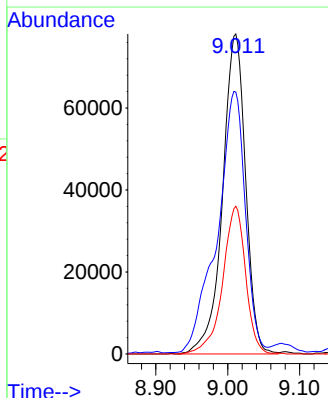
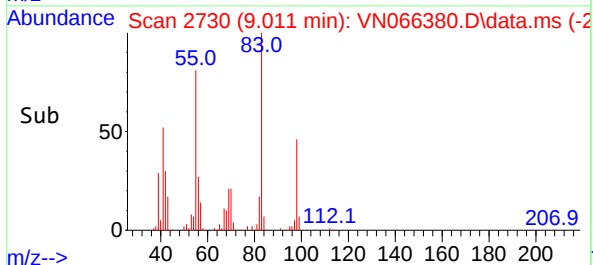
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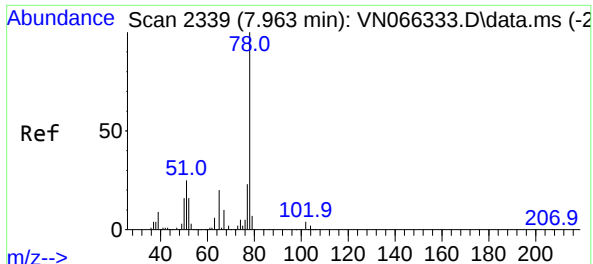


#39
Methylcyclohexane
Concen: 17.90 ug/l
RT: 9.011 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VN066380.D
Acq: 29 Mar 2021 16:34



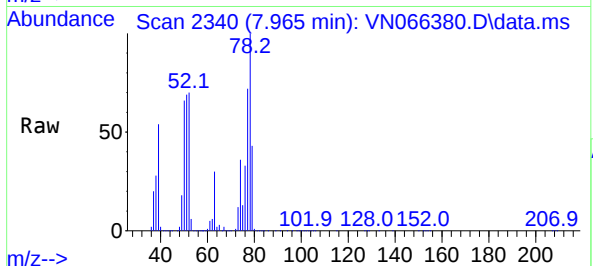
Tgt Ion: 83 Resp: 173855
Ion Ratio Lower Upper
83 100
55 81.3 62.3 93.5
98 46.2 35.6 53.4





#40
Benzene
Concen: 1024.62 ug/l
RT: 7.965 min Scan# 2340
Delta R.T. 0.003 min
Lab File: VN066380.D
Acq: 29 Mar 2021 16:34

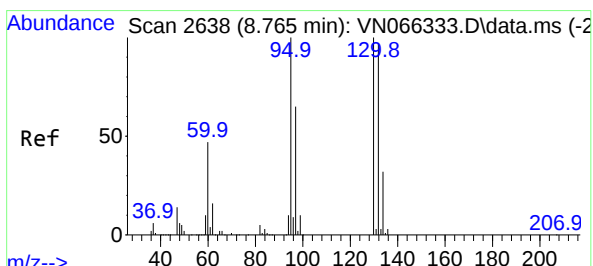
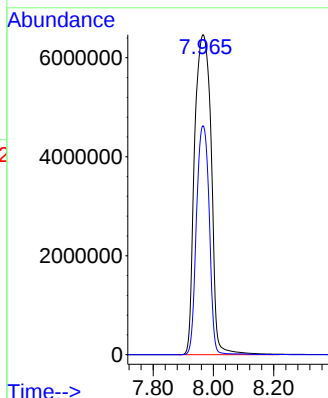
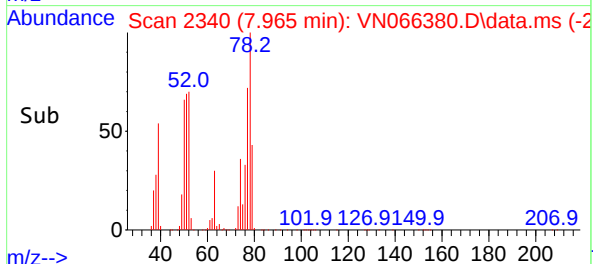
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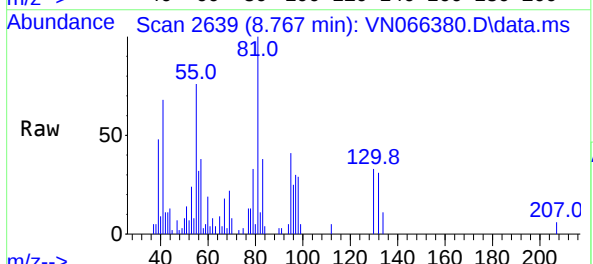
Tgt Ion: 78 Resp: 24650030
Ion Ratio Lower Upper
78 100
77 71.6 18.7 28.1#

Manual Integrations
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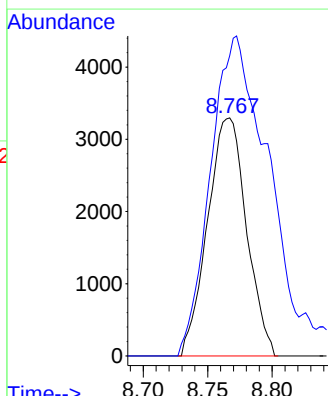
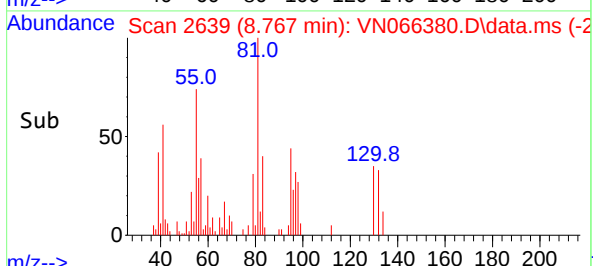
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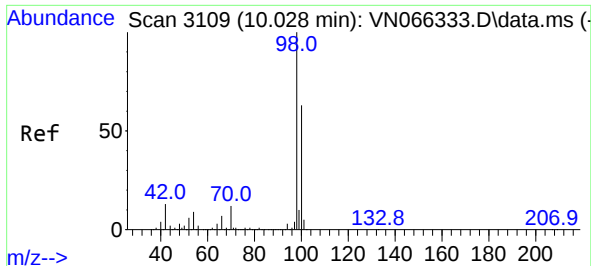


#44
Trichloroethene
Concen: 1.10 ug/l
RT: 8.767 min Scan# 2639
Delta R.T. 0.003 min
Lab File: VN066380.D
Acq: 29 Mar 2021 16:34



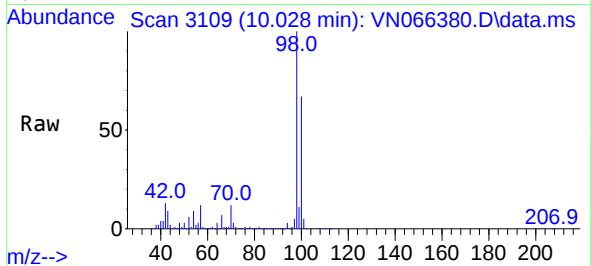
Tgt Ion: 130 Resp: 6933
Ion Ratio Lower Upper
130 100
95 126.2 0.0 200.6





#50
Toluene-d8
Concen: 52.93 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066380.D
Acq: 29 Mar 2021 16:34

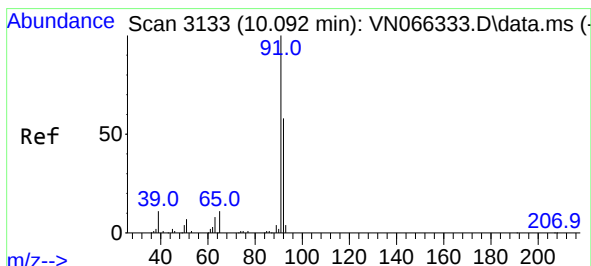
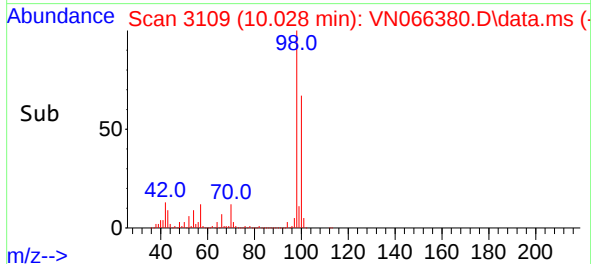
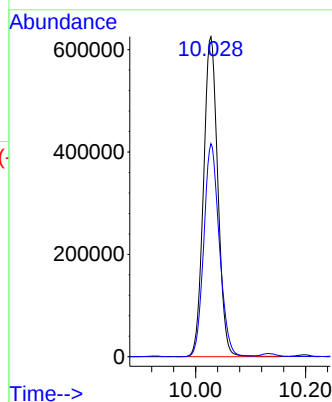
Instrument :
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ASR7



Tgt Ion: 98 Resp: 1128576
Ion Ratio Lower Upper
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100 72.4 50.5 75.7

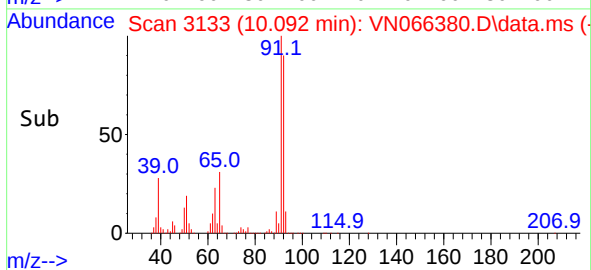
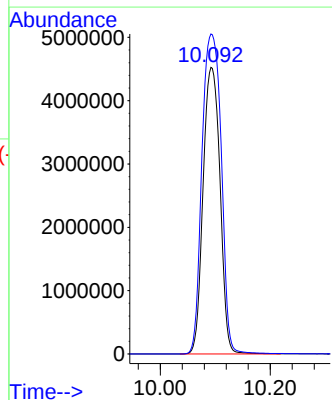
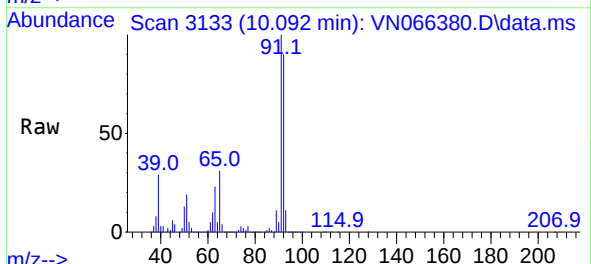
Manual Integrations
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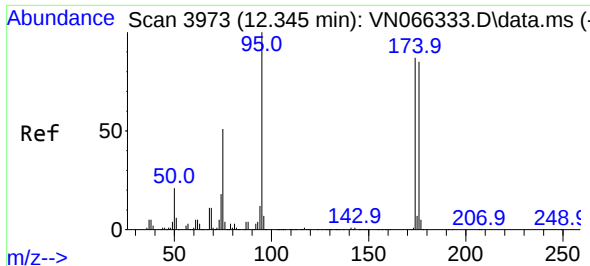
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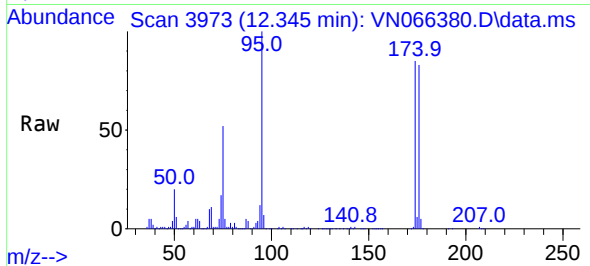
#52
Toluene
Concen: 654.93 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VN066380.D
Acq: 29 Mar 2021 16:34

Tgt Ion: 92 Resp: 9672121
Ion Ratio Lower Upper
92 100
91 127.6 138.8 208.2#

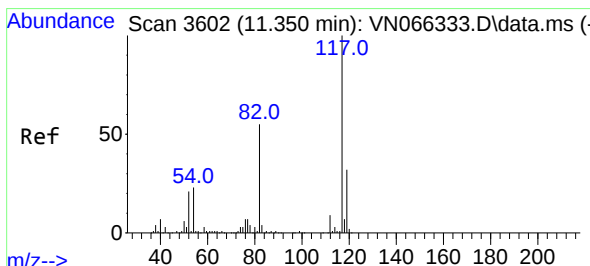
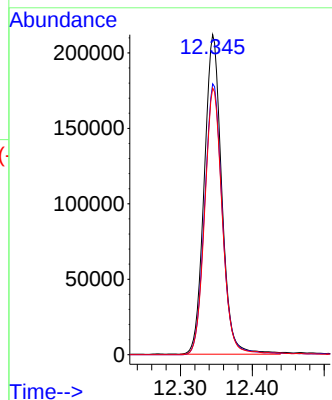
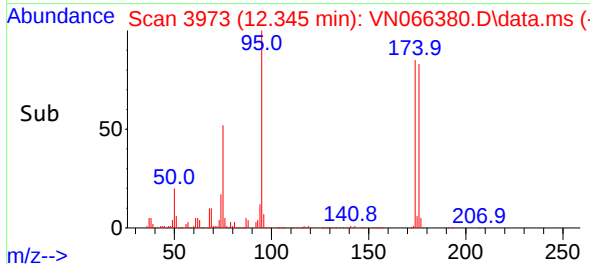




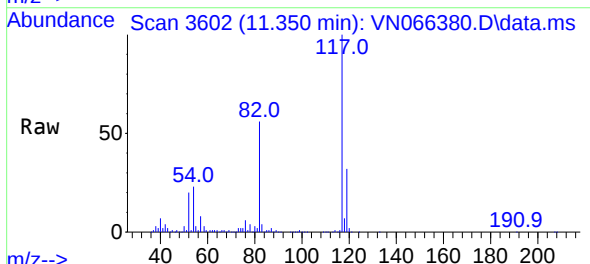
#62
4-Bromofluorobenzene
Concen: 48.40 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VN066380.D
Acq: 29 Mar 2021 16:34



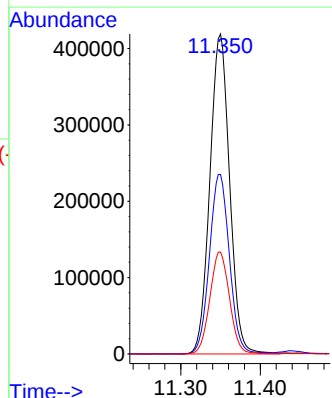
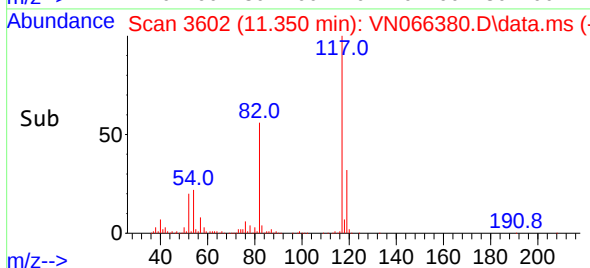
Tgt Ion: 95 Resp: 358459
Ion Ratio Lower Upper
95 100
174 86.6 0.0 172.2
176 83.6 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. -0.000 min
Lab File: VN066380.D
Acq: 29 Mar 2021 16:34



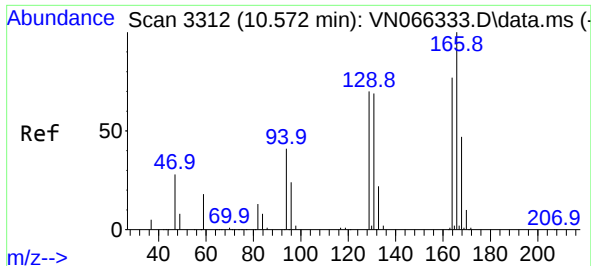
Tgt Ion: 117 Resp: 722206
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.4
119 31.8 25.8 38.6



Instrument :
MSVOA_N
ClientSampled :
ASR7

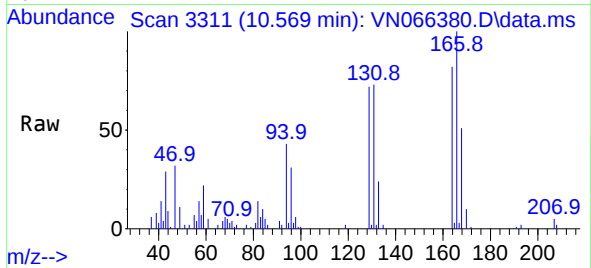
Manual Integrations
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#64
Tetrachloroethene
Concen: 3.20 ug/l
RT: 10.569 min Scan# 3311
Delta R.T. -0.003 min
Lab File: VN066380.D
Acq: 29 Mar 2021 16:34

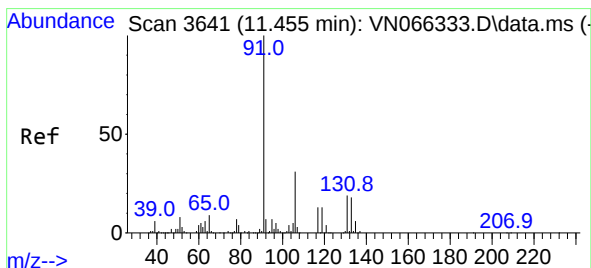
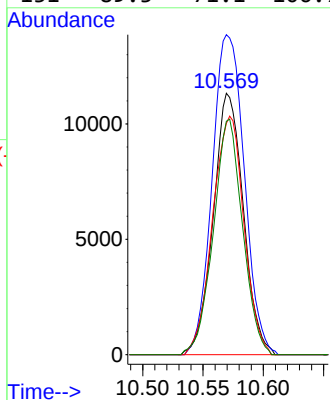
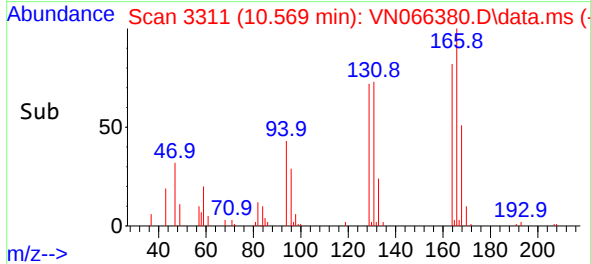
Instrument :
MSVOA_N
ClientSampled :
ASR7



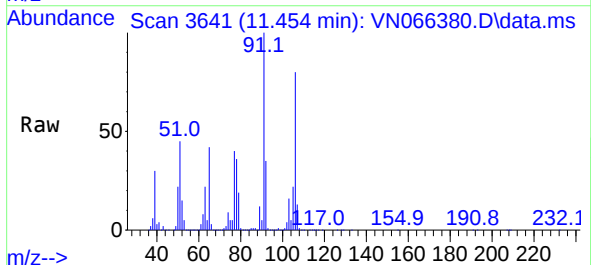
Tgt Ion:164 Resp: 19677
Ion Ratio Lower Upper
164 100
166 122.4 103.3 154.9
129 88.5 72.5 108.7
131 89.3 71.1 106.7

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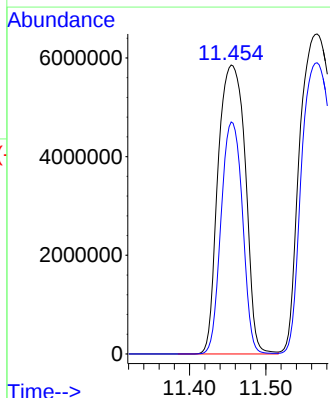
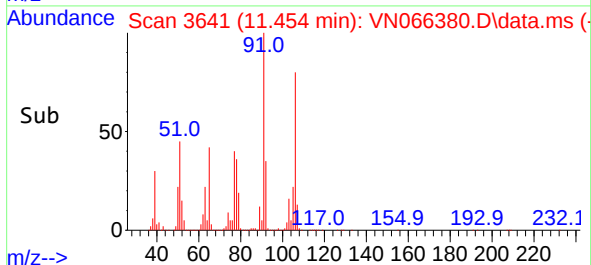
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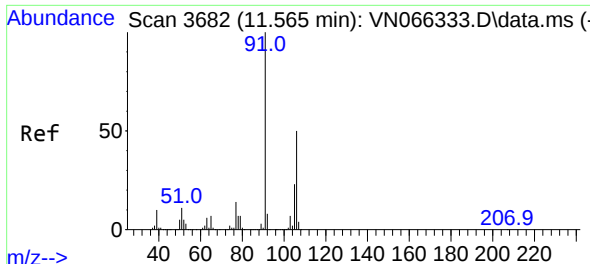


#67
Ethyl Benzene
Concen: 555.66 ug/l
RT: 11.454 min Scan# 3641
Delta R.T. -0.000 min
Lab File: VN066380.D
Acq: 29 Mar 2021 16:34



Tgt Ion: 91 Resp:14522984
Ion Ratio Lower Upper
91 100
106 80.3 24.7 37.1#





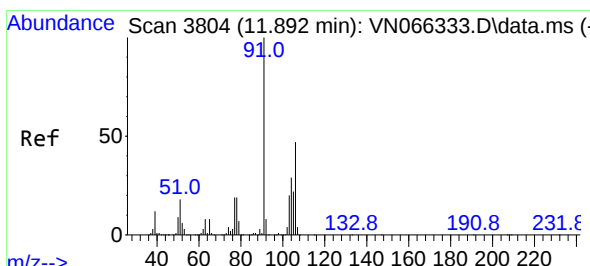
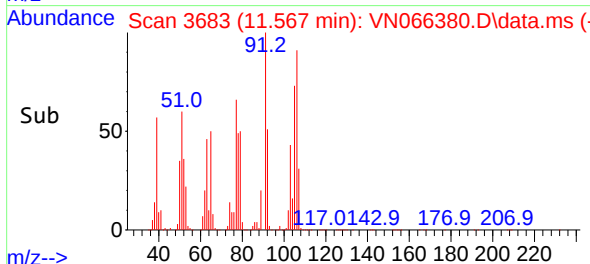
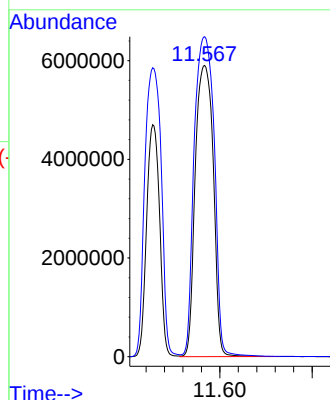
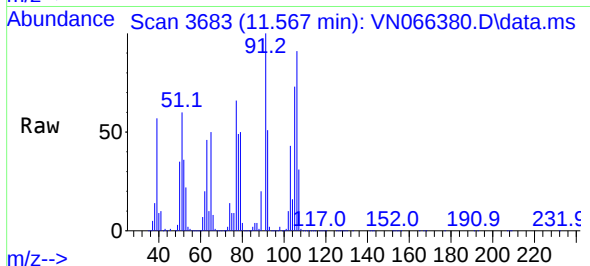
#68
m/p-Xylenes
Concen: 1605.52 ug/l
RT: 11.567 min Scan# 3683
Delta R.T. 0.003 min
Lab File: VN066380.D
Acq: 29 Mar 2021 16:34

Instrument :
MSVOA_N
ClientSampled :
ASR7

Tgt Ion:106 Resp:15943692
Ion Ratio Lower Upper
106 100
91 122.4 162.7 244.1#

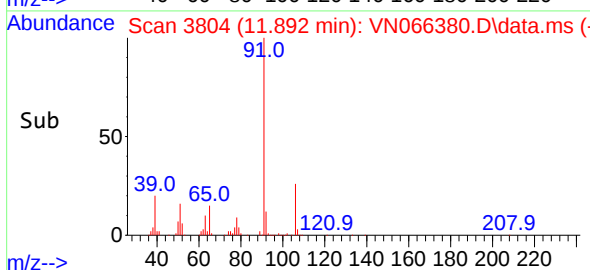
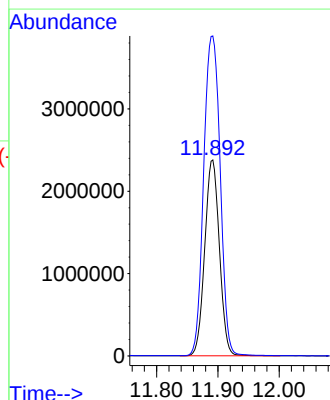
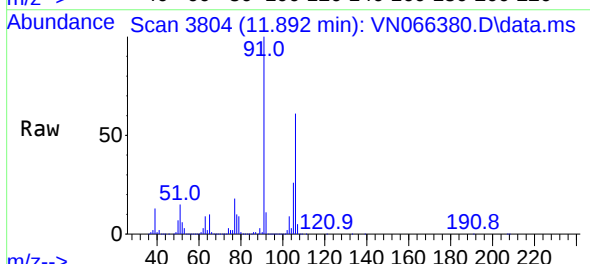
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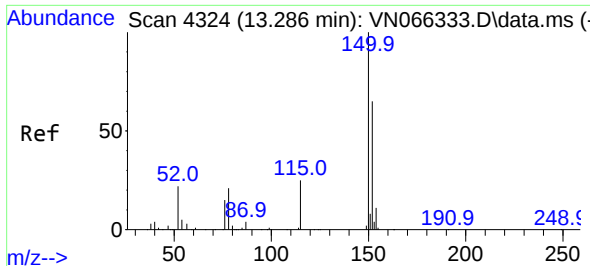
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#69
o-Xylene
Concen: 412.28 ug/l
RT: 11.892 min Scan# 3804
Delta R.T. -0.000 min
Lab File: VN066380.D
Acq: 29 Mar 2021 16:34

Tgt Ion:106 Resp: 3950350
Ion Ratio Lower Upper
106 100
91 183.7 107.1 321.4





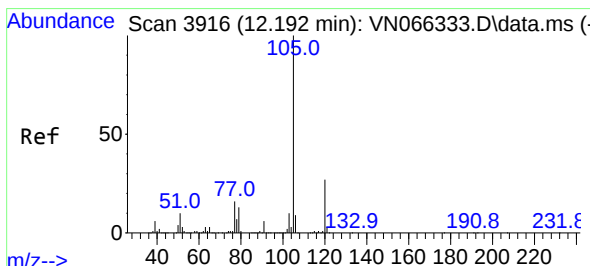
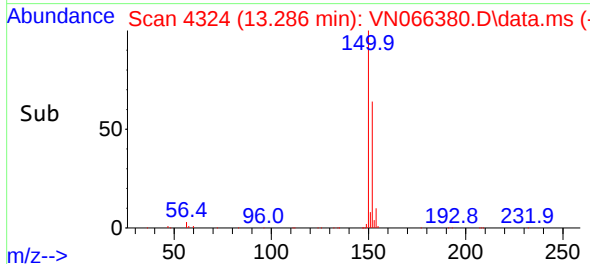
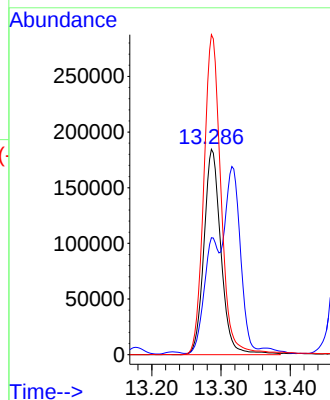
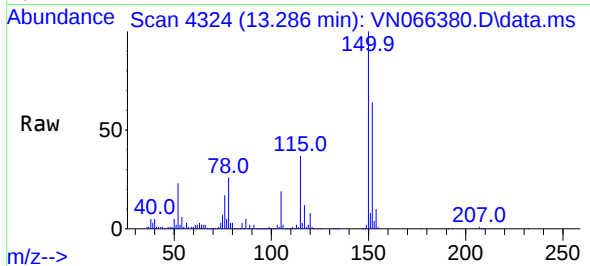
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066380.D
Acq: 29 Mar 2021 16:34

Tgt Ion:152 Resp: 314808
Ion Ratio Lower Upper
152 100
115 47.1 27.8 83.4
150 157.2 0.0 348.4

Instrument :
MSVOA_N
ClientSampled :
ASR7

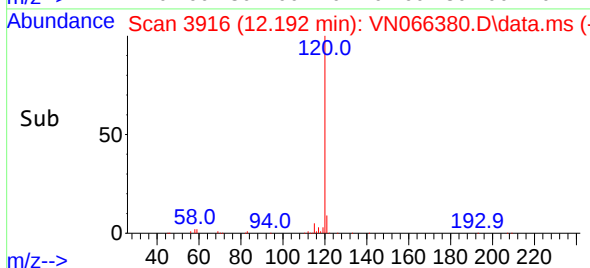
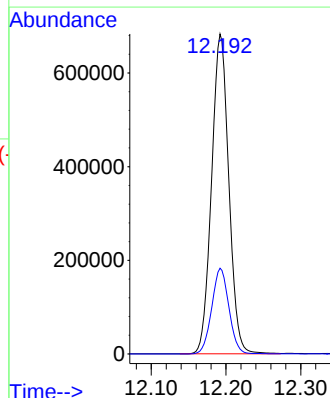
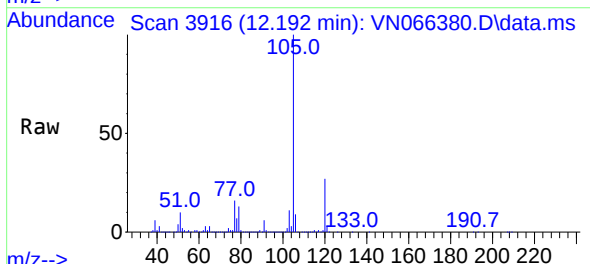
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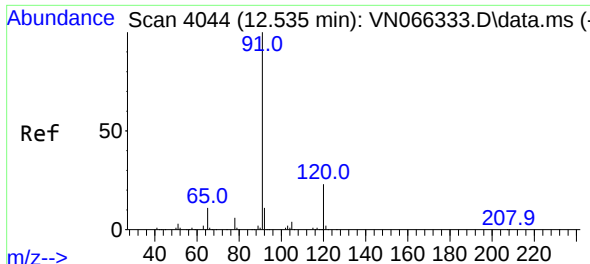
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#73
Isopropylbenzene
Concen: 46.67 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. -0.000 min
Lab File: VN066380.D
Acq: 29 Mar 2021 16:34

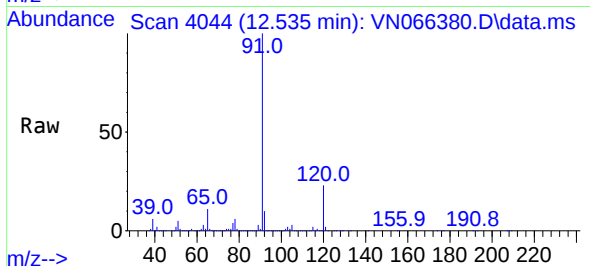
Tgt Ion:105 Resp: 1092897
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.8





#78
n-propylbenzene
Concen: 104.93 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. -0.000 min
Lab File: VN066380.D
Acq: 29 Mar 2021 16:34

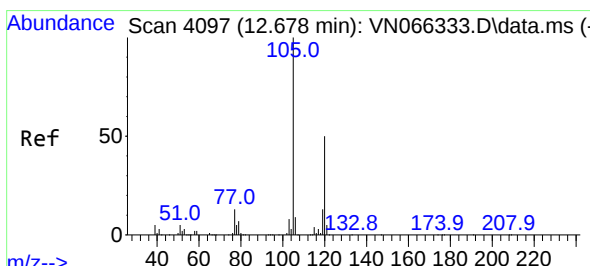
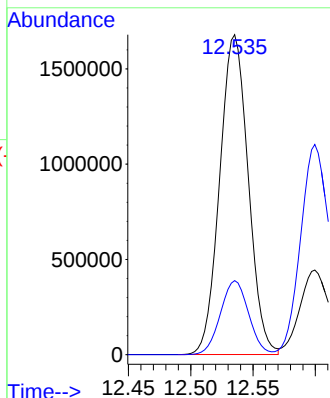
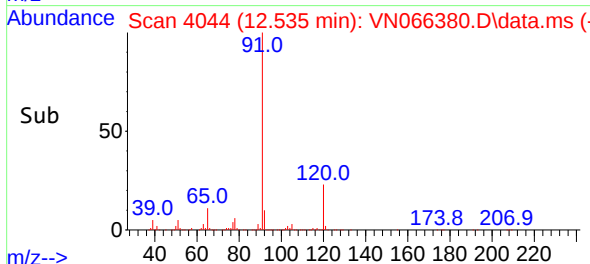
Instrument :
MSVOA_N
ClientSampled :
ASR7



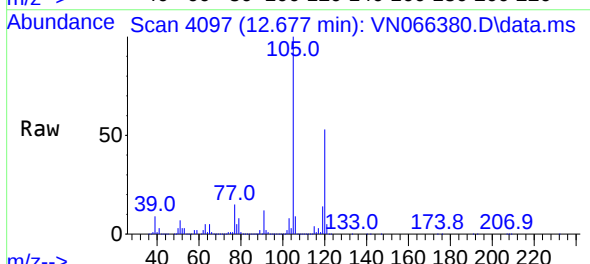
Tgt Ion: 91 Resp: 2671528
Ion Ratio Lower Upper
91 100
120 22.9 11.7 35.1

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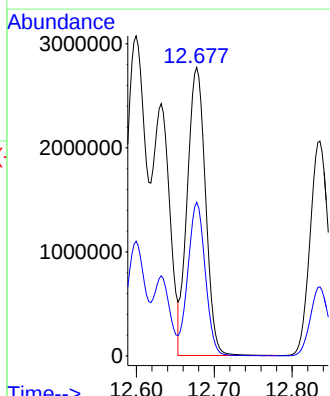
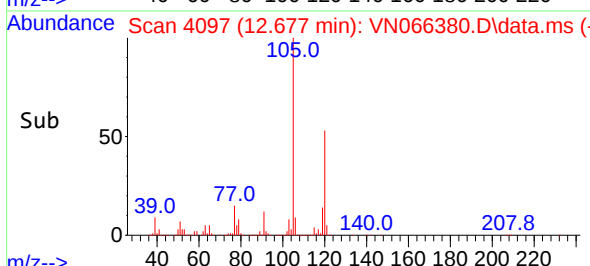
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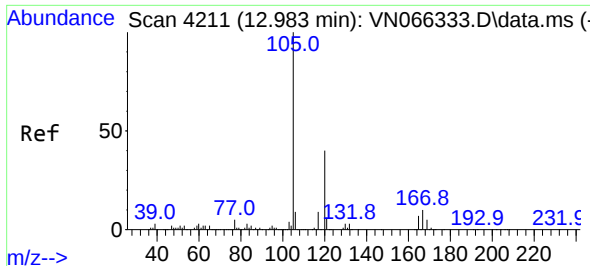


#80
1,3,5-Trimethylbenzene
Concen: 234.96 ug/l
RT: 12.677 min Scan# 4097
Delta R.T. -0.000 min
Lab File: VN066380.D
Acq: 29 Mar 2021 16:34



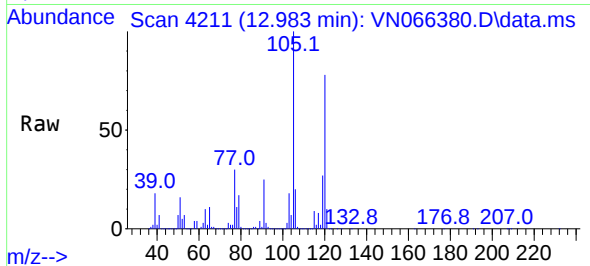
Tgt Ion: 105 Resp: 4500057
Ion Ratio Lower Upper
105 100
120 50.7 24.5 73.5





#84
1,2,4-Trimethylbenzene
Concen: 550.29 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. -0.000 min
Lab File: VN066380.D
Acq: 29 Mar 2021 16:34

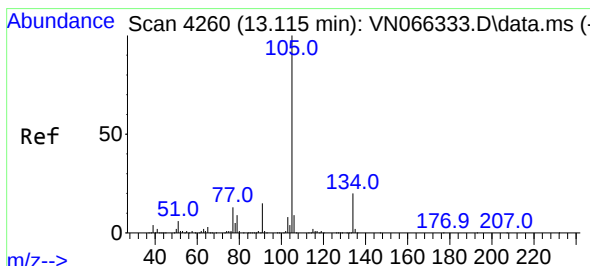
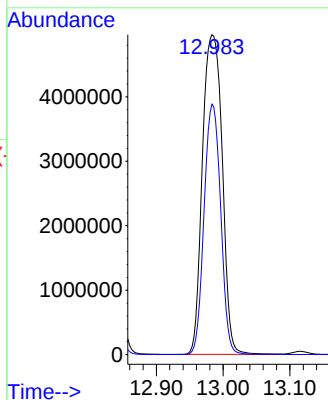
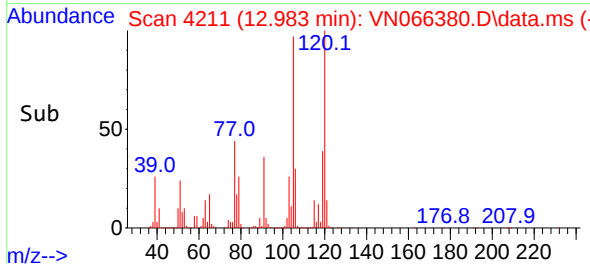
Instrument :
MSVOA_N
ClientSampled :
ASR7



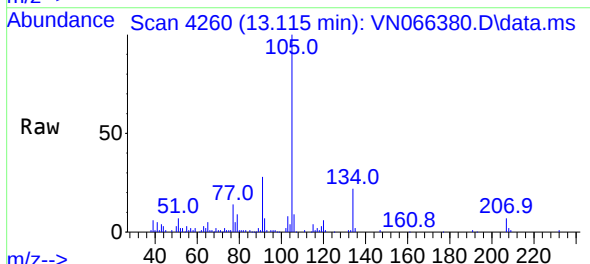
Tgt Ion:105 Resp:10240347
Ion Ratio Lower Upper
105 100
120 65.6 23.1 69.2

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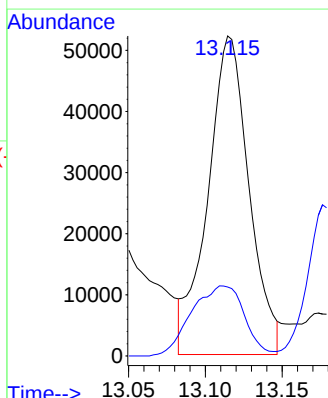
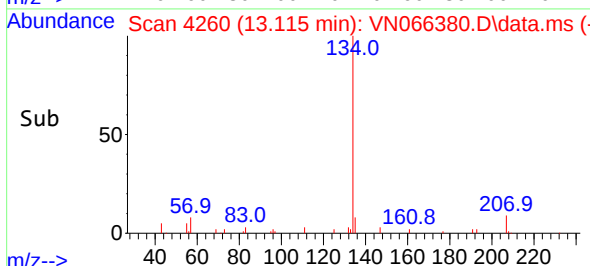
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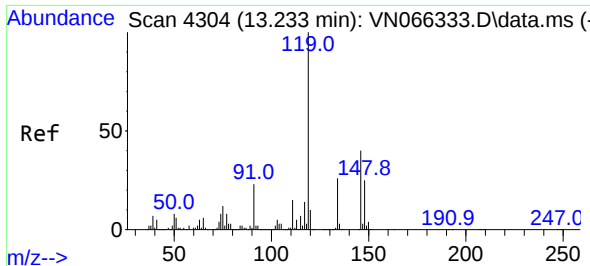


#85
sec-Butylbenzene
Concen: 4.56 ug/l m
RT: 13.115 min Scan# 4260
Delta R.T. -0.000 min
Lab File: VN066380.D
Acq: 29 Mar 2021 16:34



Tgt Ion:105 Resp: 97393
Ion Ratio Lower Upper
105 100
134 0.0 9.9 29.7#





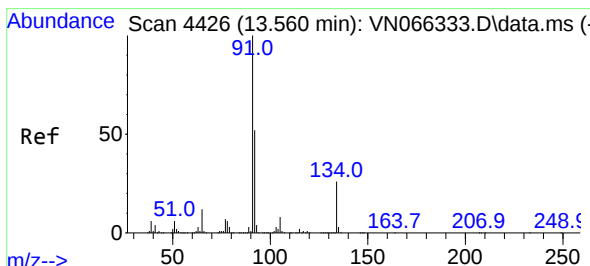
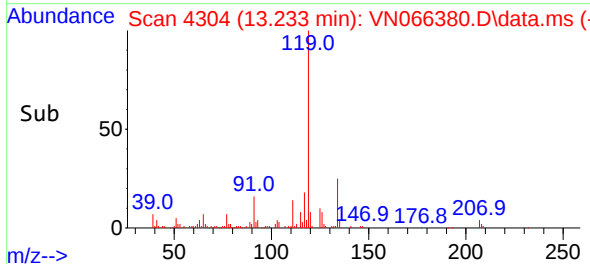
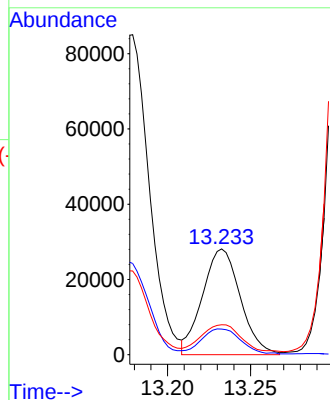
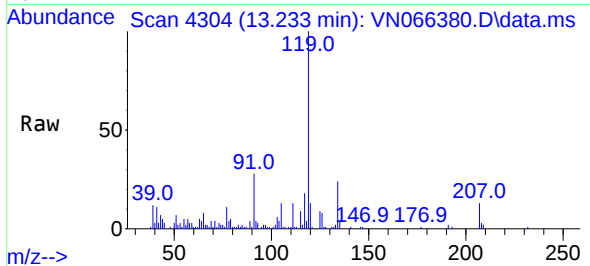
#86
p-Isopropyltoluene
Concen: 2.33 ug/l m
RT: 13.233 min Scan# 4304
Delta R.T. -0.000 min
Lab File: VN066380.D
Acq: 29 Mar 2021 16:34

Tgt Ion: 119 Resp: 44639
Ion Ratio Lower Upper
119 100
134 83.6 12.9 38.7#
91 0.0 11.5 34.5#

Instrument :
MSVOA_N
ClientSampled :
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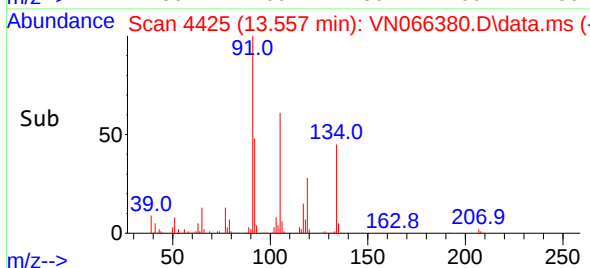
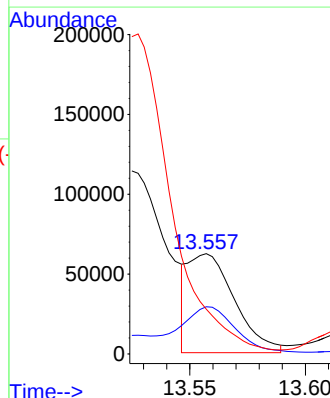
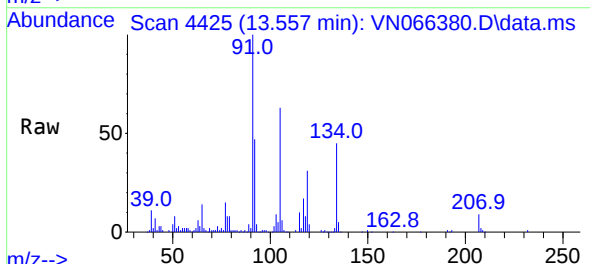
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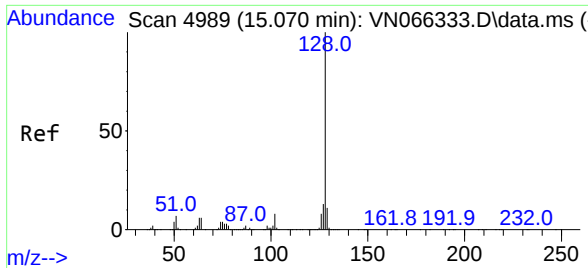
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#89
n-Butylbenzene
Concen: 5.51 ug/l m
RT: 13.557 min Scan# 4425
Delta R.T. -0.003 min
Lab File: VN066380.D
Acq: 29 Mar 2021 16:34

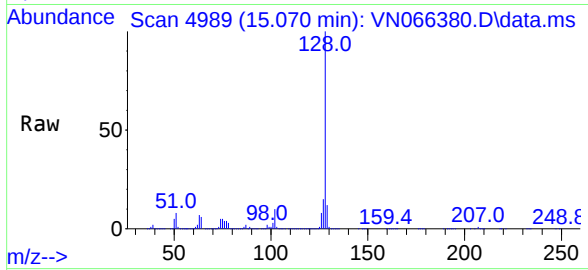
Tgt Ion: 91 Resp: 87108
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 424.4 12.8 38.4#





#95
Naphthalene
Concen: 326.10 ug/l
RT: 15.070 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN066380.D
Acq: 29 Mar 2021 16:34

Instrument :
MSVOA_N
ClientSampleId :
ASR7



Tgt Ion:128 Resp: 5859827
Ion Ratio Lower Upper
128 100
127 13.8 10.5 15.7
129 11.4 8.5 12.7

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