

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030321\
 Data File : VN066124.D
 Acq On : 3 Mar 2021 15:02
 Operator : JC/MD
 Sample : M1507-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30769

Manual Integrations
 APPROVED

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 3/4/2021 2:14:20 PM

Quant Time: Mar 04 02:16:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030221W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 02 14:05:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.627	168	76330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	141289	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	147085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	65147	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	57688	49.66	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.32%		
35) Dibromofluoromethane	7.550	113	44475	49.71	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.42%		
50) Toluene-d8	10.058	98	176237	50.57	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.14%		
62) 4-Bromofluorobenzene	12.373	95	75343	56.14	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	112.28%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.740	59	11490	71.64	ug/l #	83
16) Acetone	3.788	43	23784	68.50	ug/l	91
18) Methyl Acetate	4.293	43	10786	14.55	ug/l	96
25) 2-Butanone	6.794	43	6383	13.86	ug/l	94
40) Benzene	8.003	78	55855	14.24	ug/l	97
49) 1,4-Dioxane	9.164	88	4153	265.52	ug/l #	26
52) Toluene	10.122	92	39631	15.71	ug/l	93
67) Ethyl Benzene	11.479	91	10363	1.87	ug/l	100
68) m/p-Xylenes	11.585	106	16635	7.78	ug/l	94
69) o-Xylene	11.916	106	7604	3.64	ug/l	93
70) Styrene	11.932	104	7131	2.17	ug/l #	88
78) n-propylbenzene	12.563	91	3335	0.57	ug/l	90
80) 1,3,5-Trimethylbenzene	12.701	105	6709	1.42	ug/l	95
84) 1,2,4-Trimethylbenzene	13.013	105	54016m	11.68	ug/l	
95) Naphthalene	15.100	128	36173	9.96	ug/l #	94

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

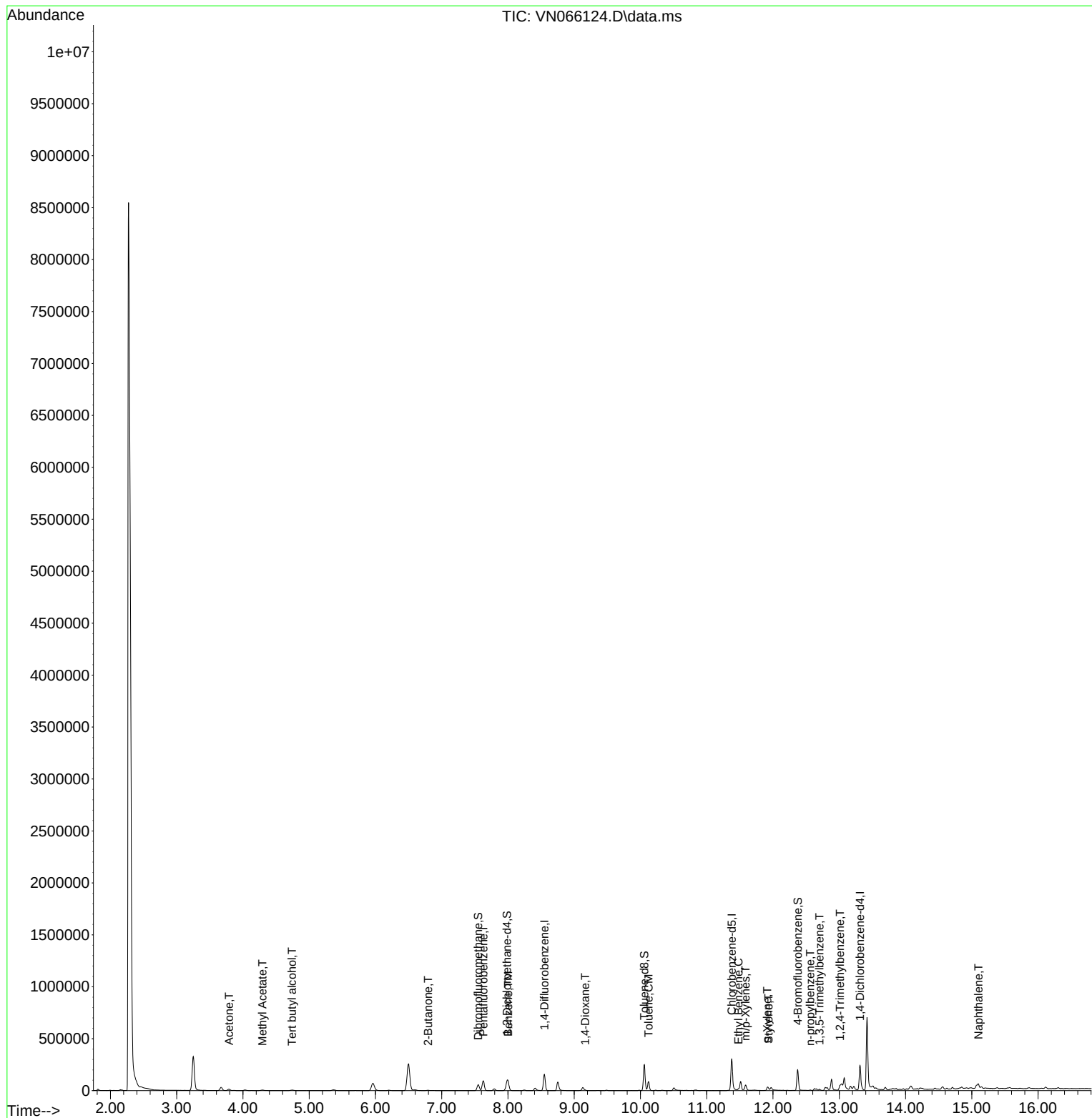
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030321\
Data File : VN066124.D
Acq On : 3 Mar 2021 15:02
Operator : JC/MD
Sample : M1507-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

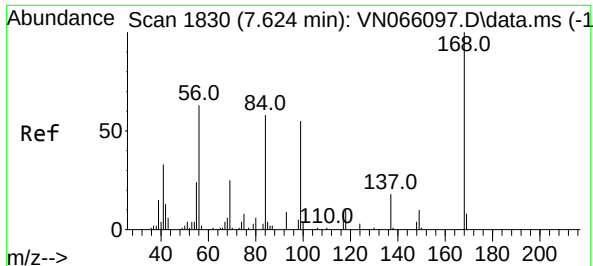
Instrument :
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ClientSampleId :
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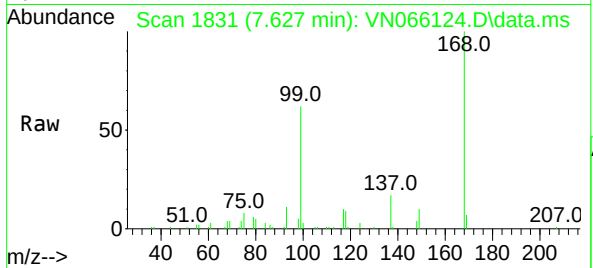
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Quant Time: Mar 04 02:16:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030221W.M
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Response via : Initial Calibration

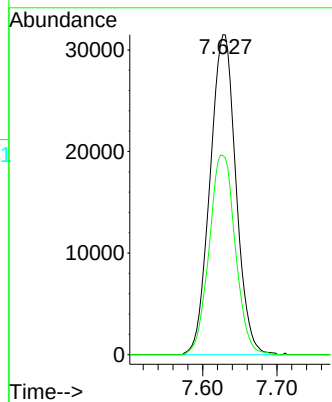
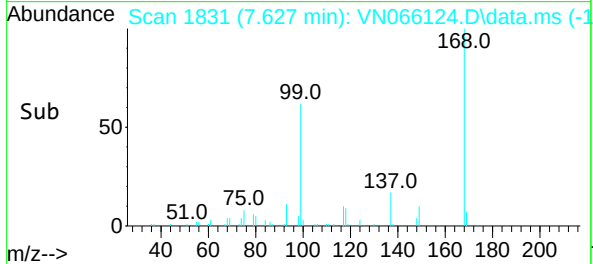




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.003 min
Lab File: VN066124.D
Acq: 3 Mar 2021 15:02



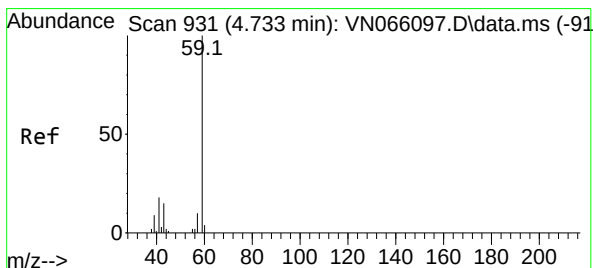
Tgt Ion:168 Resp: 76330
Ion Ratio Lower Upper
168 100
99 62.3 42.6 63.8



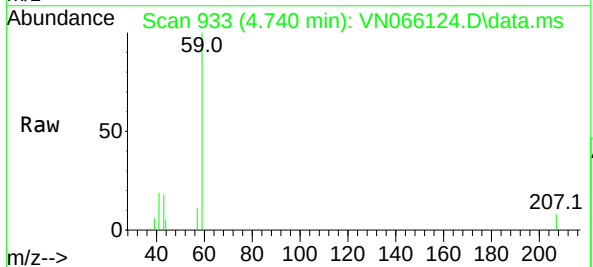
Instrument :
MSVOA_N
ClientSampled :
30769

Manual Integrations
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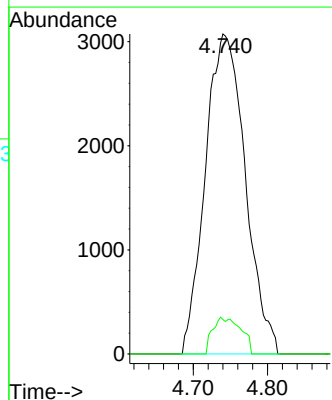
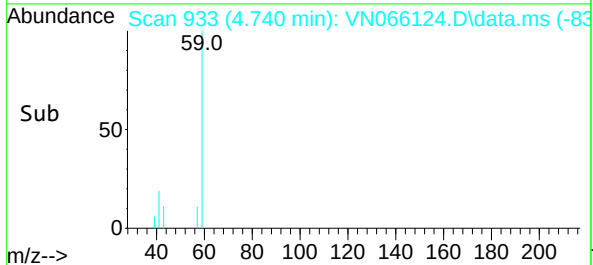
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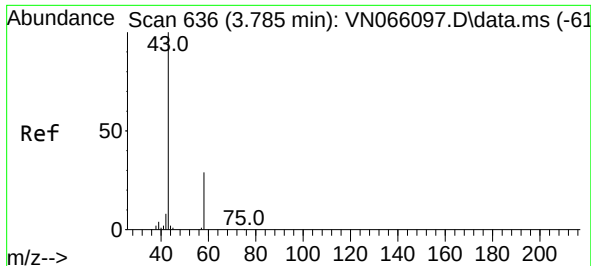


#11
Tert butyl alcohol
Concen: 71.64 ug/l
RT: 4.740 min Scan# 933
Delta R.T. 0.007 min
Lab File: VN066124.D
Acq: 3 Mar 2021 15:02

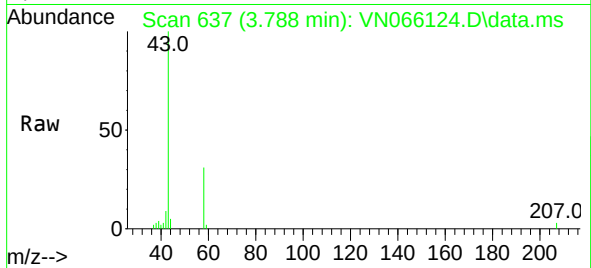


Tgt Ion: 59 Resp: 11490
Ion Ratio Lower Upper
59 100
57 3.7 8.0 12.0#

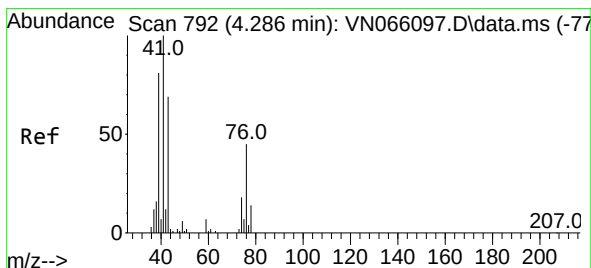
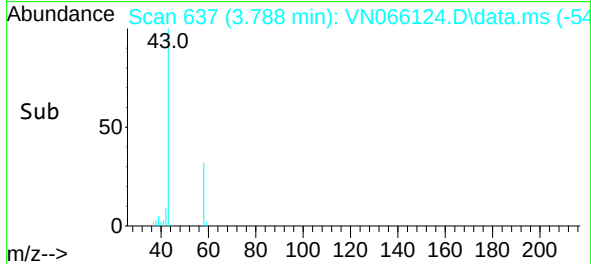
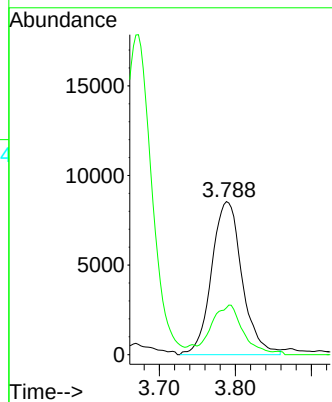




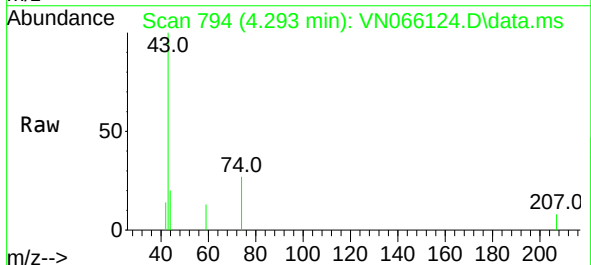
#16
Acetone
Concen: 68.50 ug/l
RT: 3.788 min Scan# 637
Delta R.T. 0.003 min
Lab File: VN066124.D
Acq: 3 Mar 2021 15:02



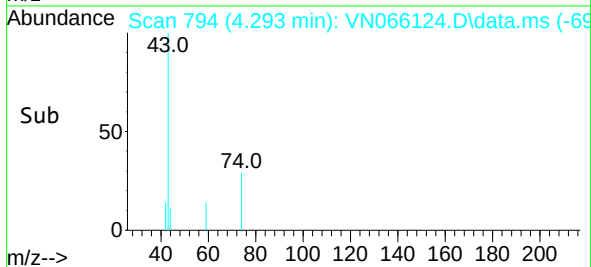
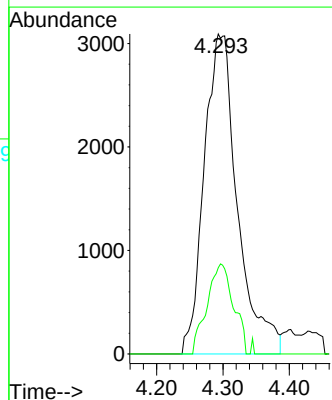
Tgt Ion: 43 Resp: 23784
Ion Ratio Lower Upper
43 100
58 28.5 27.0 40.6



#18
Methyl Acetate
Concen: 14.55 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.007 min
Lab File: VN066124.D
Acq: 3 Mar 2021 15:02



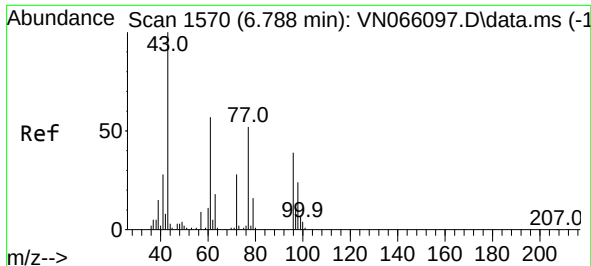
Tgt Ion: 43 Resp: 10786
Ion Ratio Lower Upper
43 100
74 22.3 19.5 29.3



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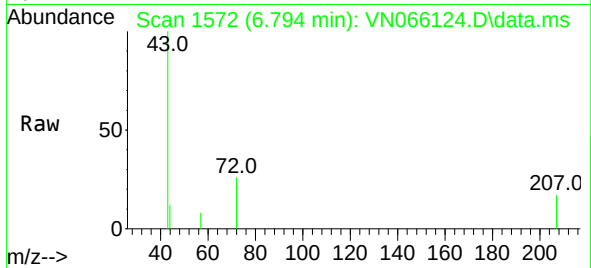
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#25
2-Butanone
Concen: 13.86 ug/l
RT: 6.794 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN066124.D
Acq: 3 Mar 2021 15:02

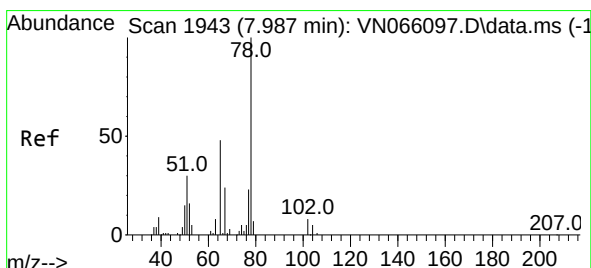
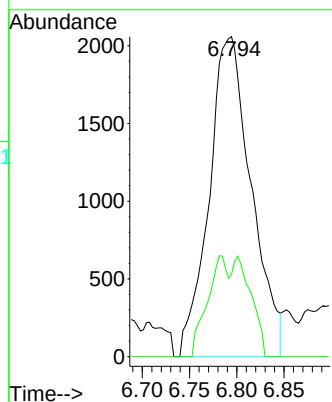
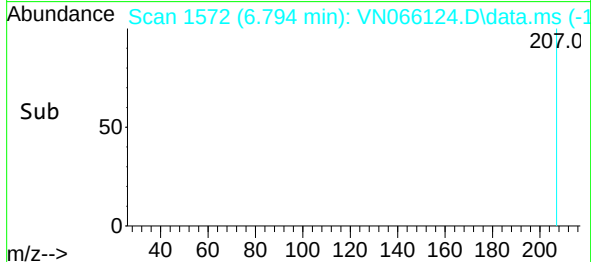
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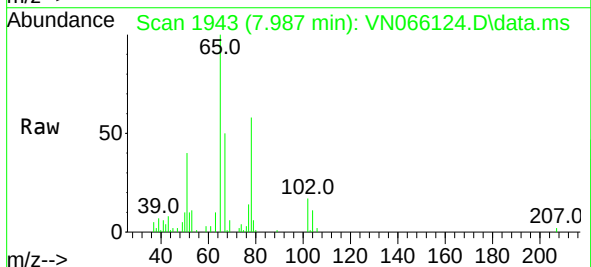
Tgt Ion: 43 Resp: 6383
Ion Ratio Lower Upper
43 100
72 25.7 23.1 34.7

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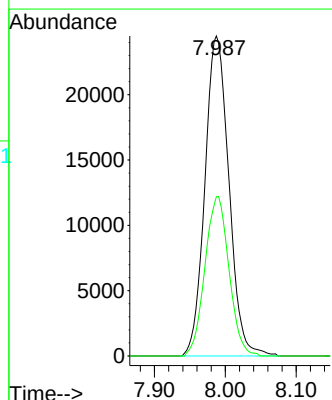
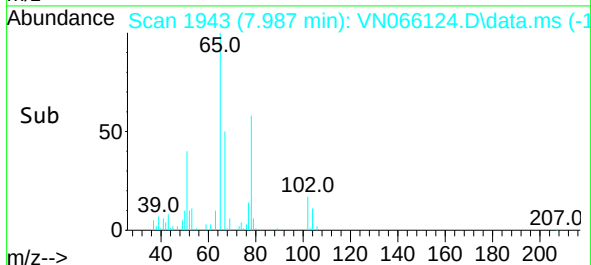
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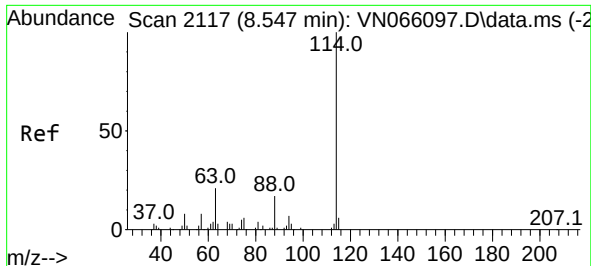


#33
1,2-Dichloroethane-d4
Concen: 49.66 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN066124.D
Acq: 3 Mar 2021 15:02



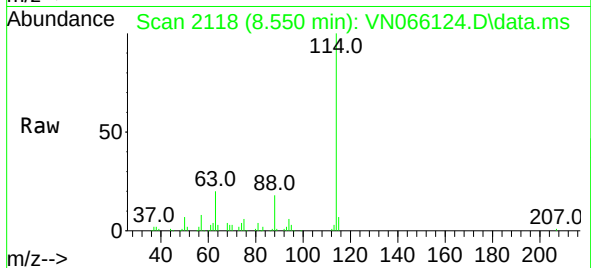
Tgt Ion: 65 Resp: 57688
Ion Ratio Lower Upper
65 100
67 49.8 0.0 107.2





#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.003 min
Lab File: VN066124.D
Acq: 3 Mar 2021 15:02

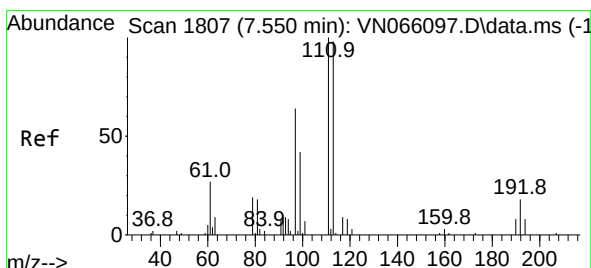
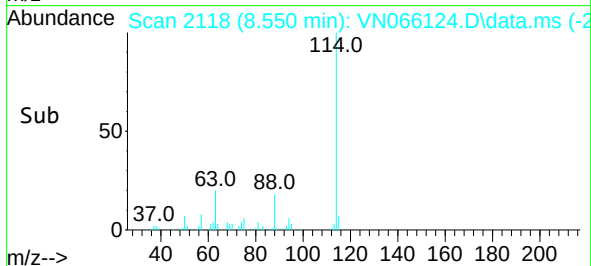
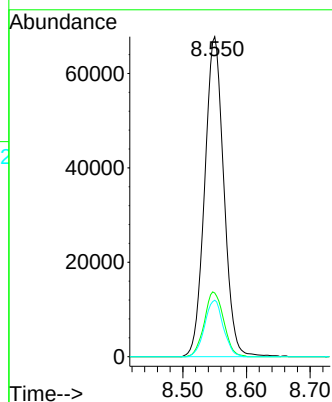
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Tgt Ion:114 Resp: 141289
Ion Ratio Lower Upper
114 100
63 19.9 0.0 38.6
88 17.6 0.0 30.6

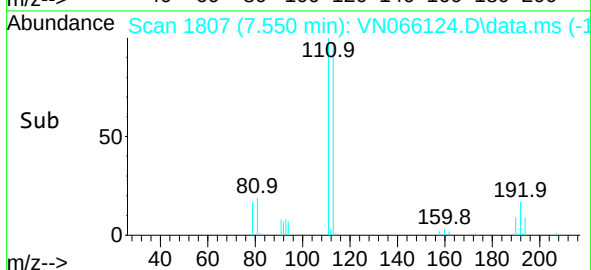
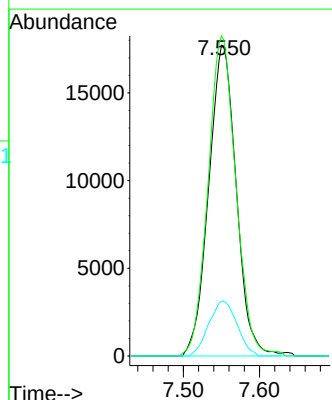
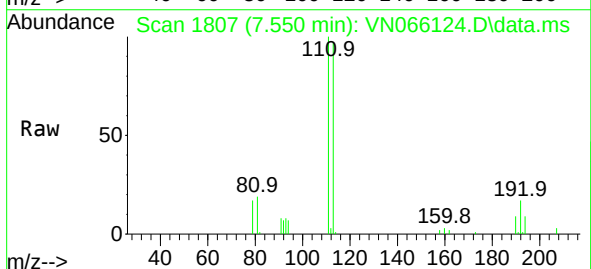
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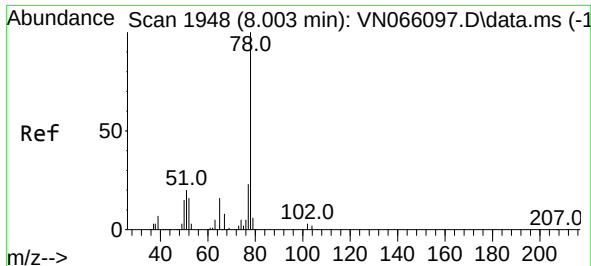
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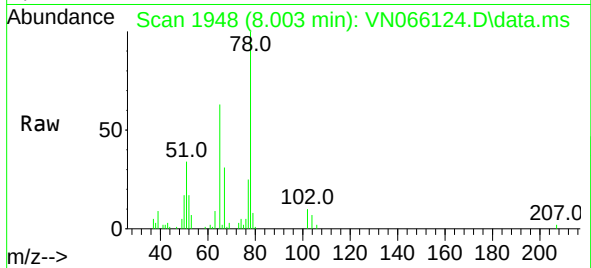
#35
Dibromofluoromethane
Concen: 49.71 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN066124.D
Acq: 3 Mar 2021 15:02

Tgt Ion:113 Resp: 44475
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.2
192 18.2 15.4 23.0

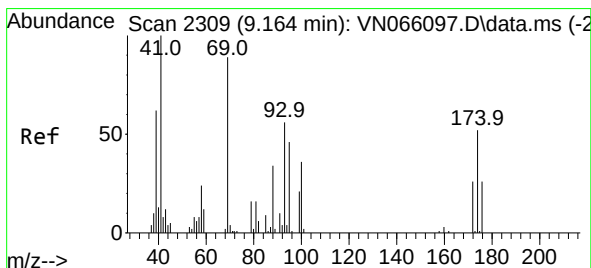
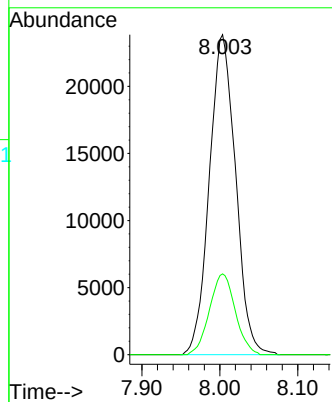
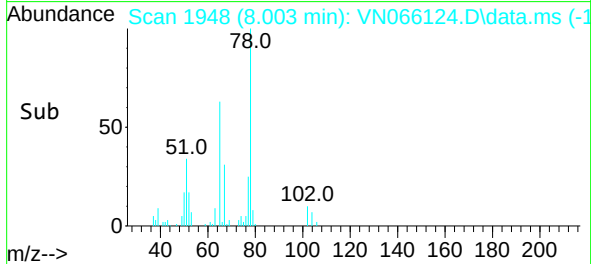




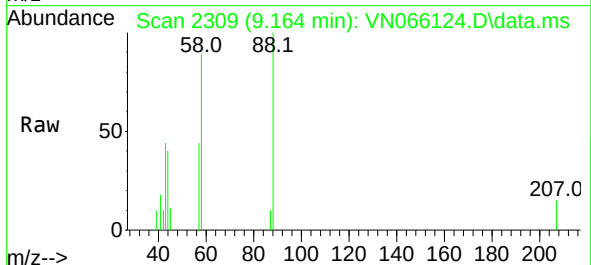
#40
Benzene
Concen: 14.24 ug/l
RT: 8.003 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VN066124.D
Acq: 3 Mar 2021 15:02



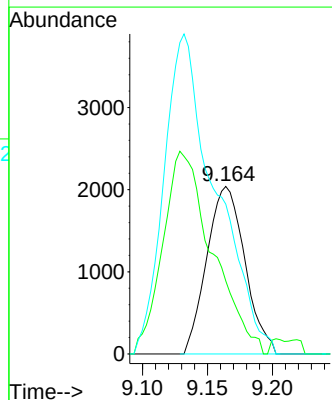
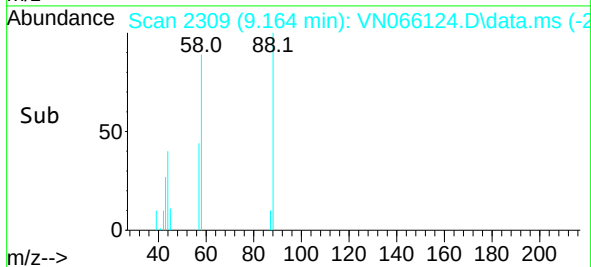
Tgt Ion: 78 Resp: 55855
Ion Ratio Lower Upper
78 100
77 25.3 19.0 28.4



#49
1,4-Dioxane
Concen: 265.52 ug/l
RT: 9.164 min Scan# 2309
Delta R.T. 0.000 min
Lab File: VN066124.D
Acq: 3 Mar 2021 15:02



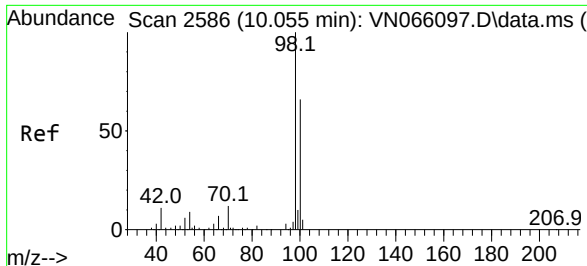
Tgt Ion: 88 Resp: 4153
Ion Ratio Lower Upper
88 100
43 0.0 24.7 37.1#
58 0.0 52.6 78.8#



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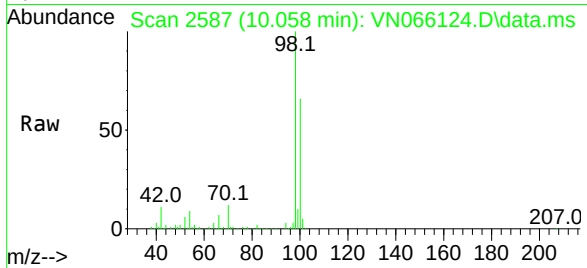
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#50
Toluene-d8
Concen: 50.57 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.003 min
Lab File: VN066124.D
Acq: 3 Mar 2021 15:02

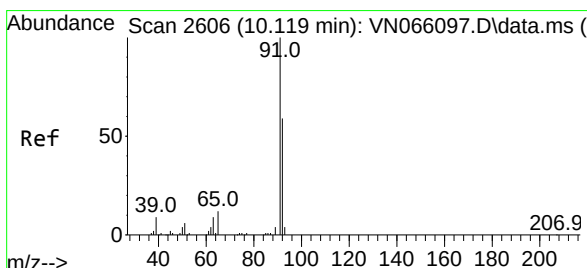
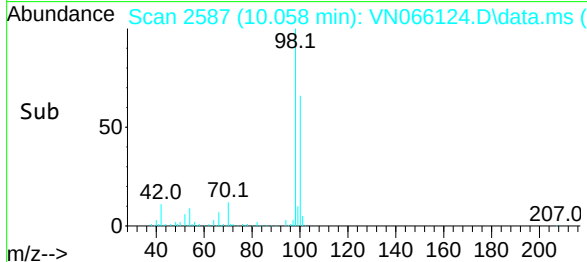
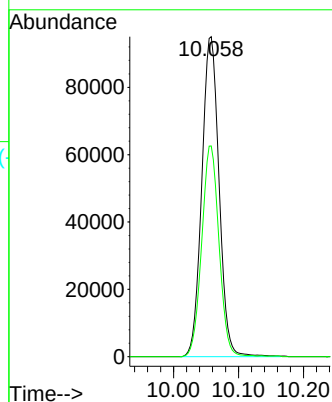
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Tgt Ion: 98 Resp: 176237
Ion Ratio Lower Upper
98 100
100 65.8 50.5 75.7

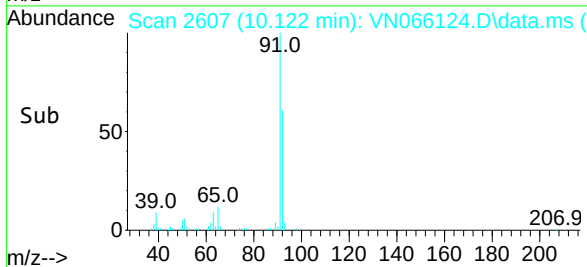
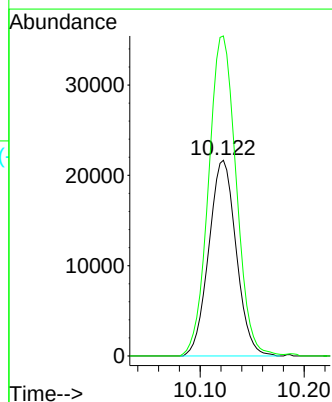
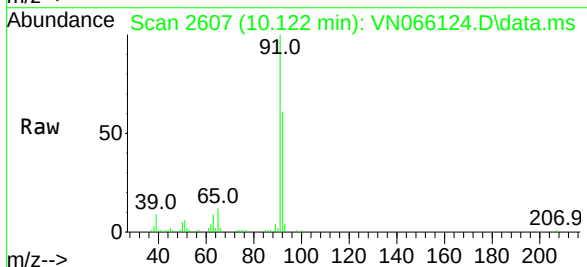
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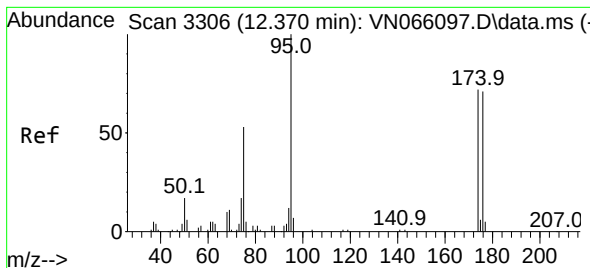
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#52
Toluene
Concen: 15.71 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.003 min
Lab File: VN066124.D
Acq: 3 Mar 2021 15:02

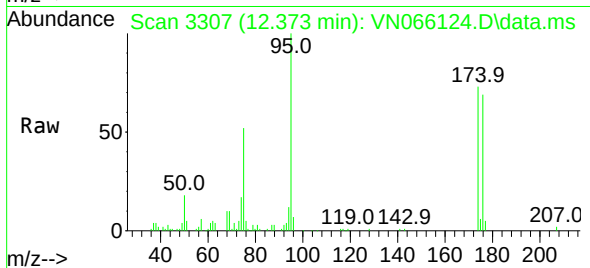
Tgt Ion: 92 Resp: 39631
Ion Ratio Lower Upper
92 100
91 165.6 140.7 211.1





#62
4-Bromofluorobenzene
Concen: 56.14 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066124.D
Acq: 3 Mar 2021 15:02

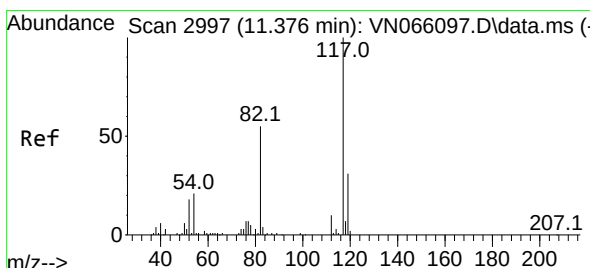
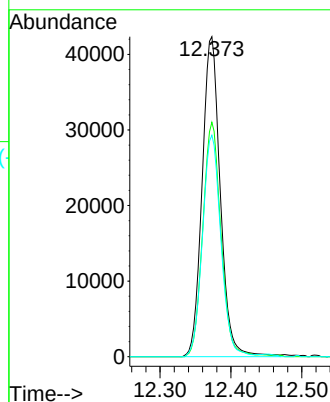
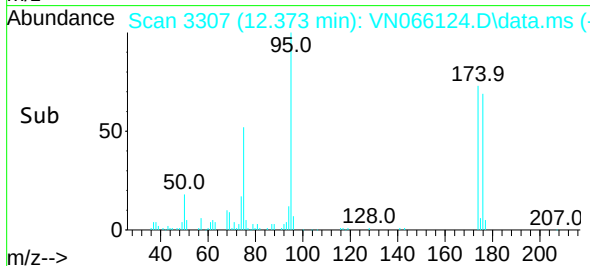
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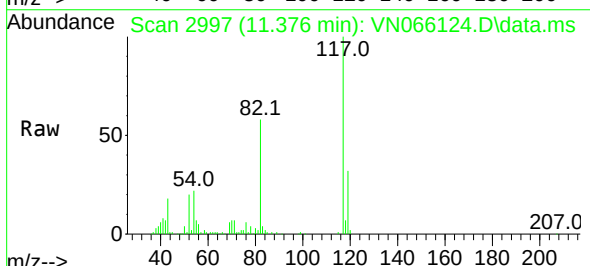
Tgt Ion: 95 Resp: 75343
Ion Ratio Lower Upper
95 100
174 73.3 0.0 169.0
176 69.8 0.0 162.4

Manual Integrations
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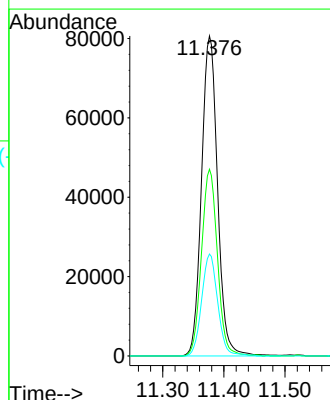
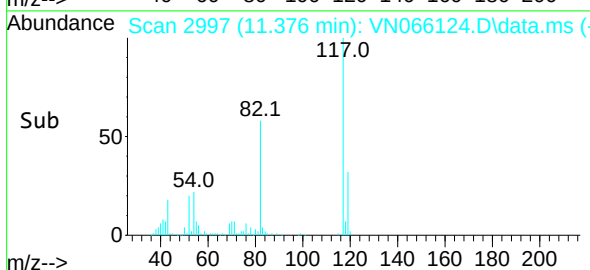
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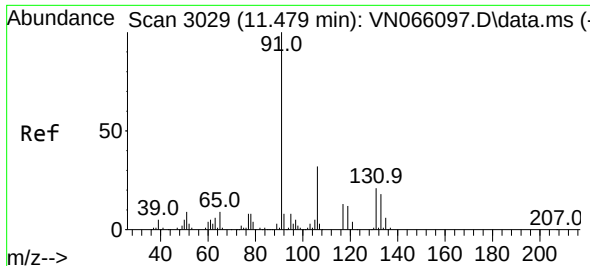


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066124.D
Acq: 3 Mar 2021 15:02



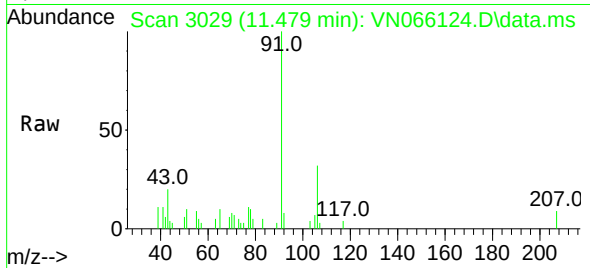
Tgt Ion: 117 Resp: 147085
Ion Ratio Lower Upper
117 100
82 58.3 43.7 65.5
119 31.9 26.1 39.1





#67
Ethyl Benzene
Concen: 1.87 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN066124.D
Acq: 3 Mar 2021 15:02

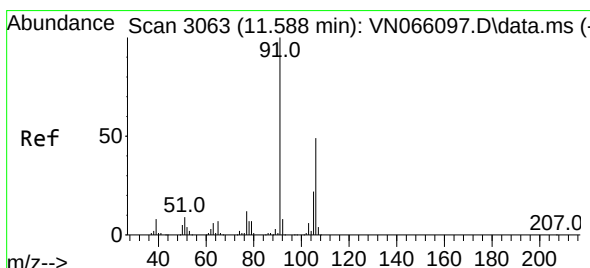
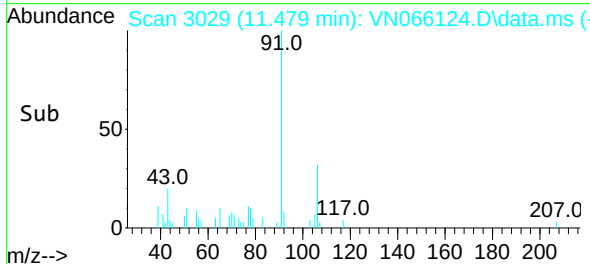
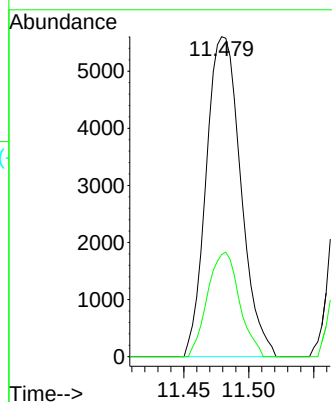
Instrument :
MSVOA_N
ClientSampled :
30769



Tgt Ion: 91 Resp: 10363
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3

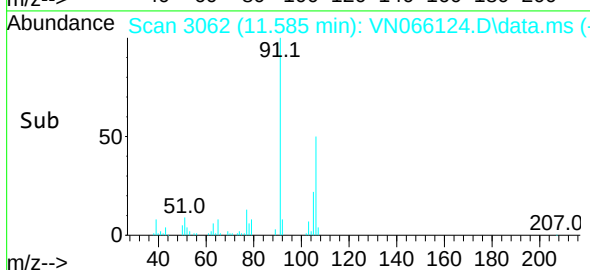
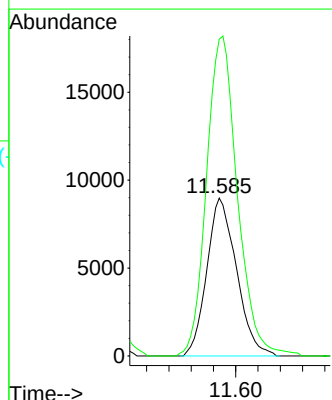
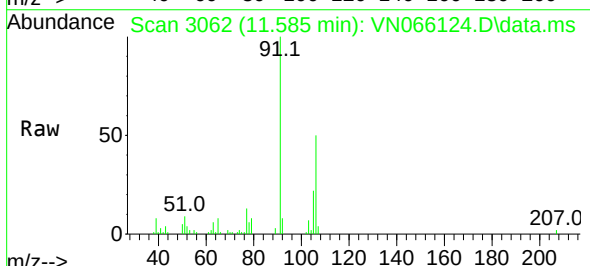
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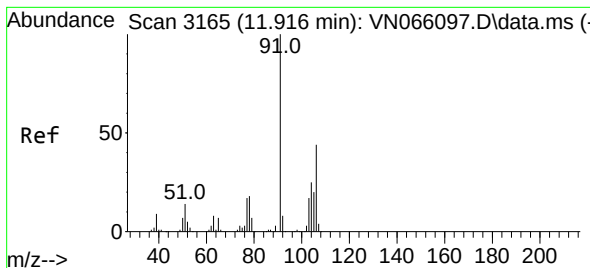
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#68
m/p-Xylenes
Concen: 7.78 ug/l
RT: 11.585 min Scan# 3062
Delta R.T. -0.003 min
Lab File: VN066124.D
Acq: 3 Mar 2021 15:02

Tgt Ion: 106 Resp: 16635
Ion Ratio Lower Upper
106 100
91 210.7 161.4 242.0





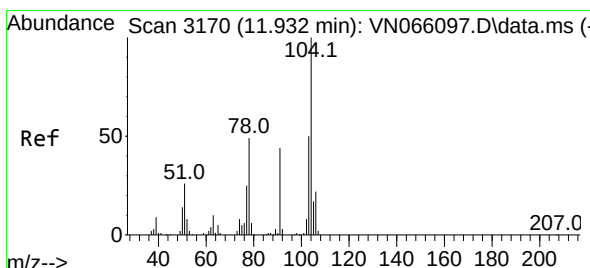
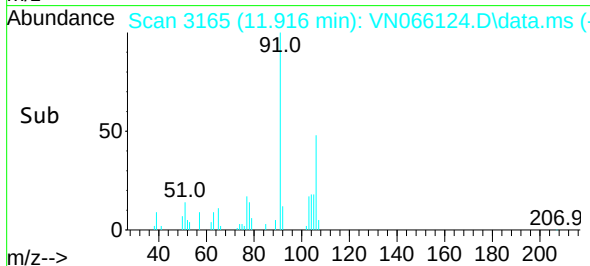
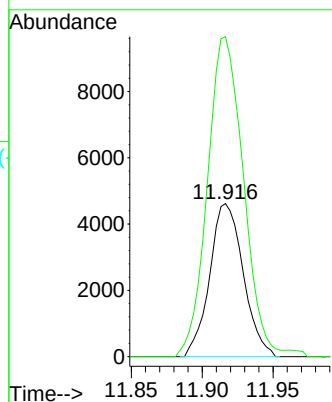
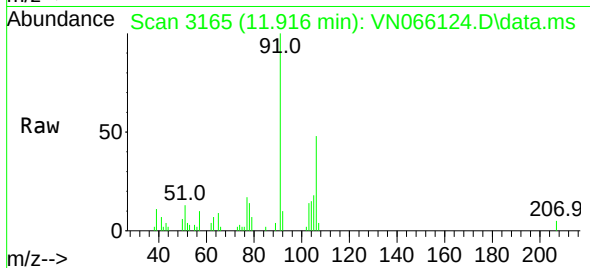
#69
o-Xylene
Concen: 3.64 ug/l
RT: 11.916 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VN066124.D
Acq: 3 Mar 2021 15:02

Tgt Ion:106 Resp: 7604
Ion Ratio Lower Upper
106 100
91 225.4 106.8 320.4

Instrument :
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30769

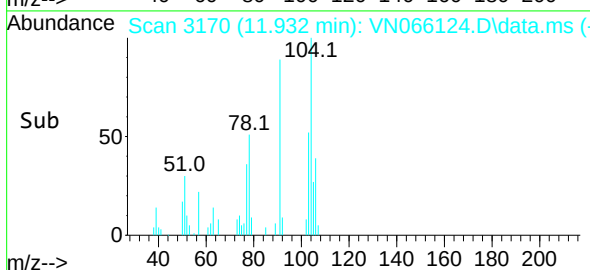
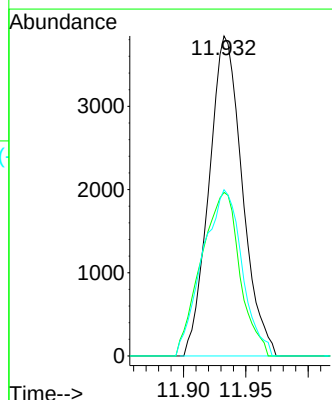
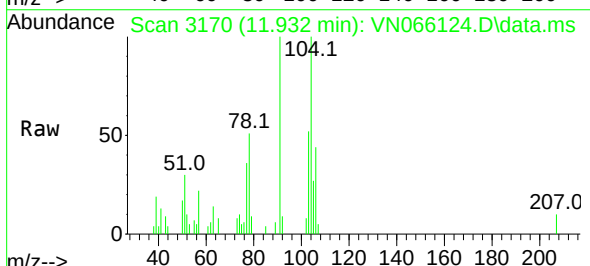
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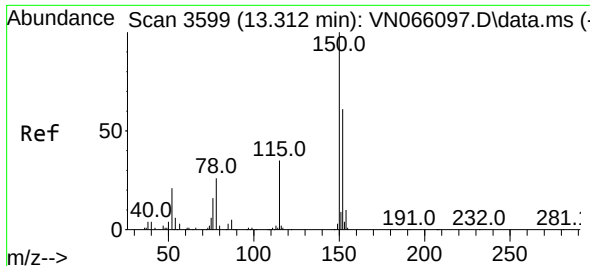
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#70
Styrene
Concen: 2.17 ug/l
RT: 11.932 min Scan# 3170
Delta R.T. 0.000 min
Lab File: VN066124.D
Acq: 3 Mar 2021 15:02

Tgt Ion:104 Resp: 7131
Ion Ratio Lower Upper
104 100
78 59.5 39.0 58.4#
103 61.7 44.5 66.7





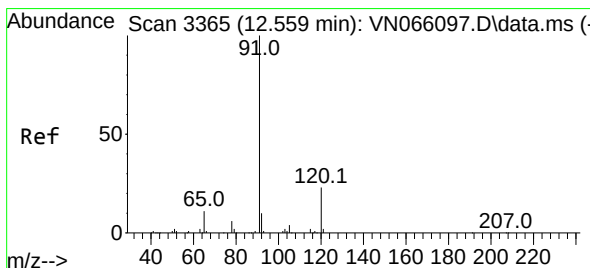
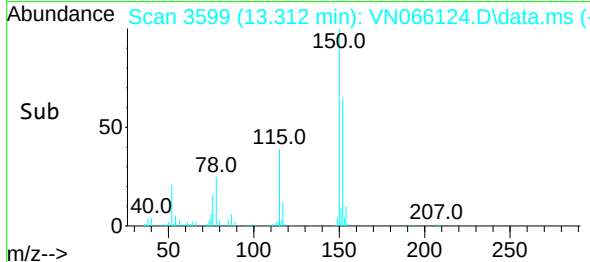
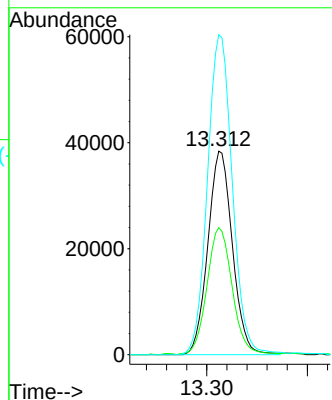
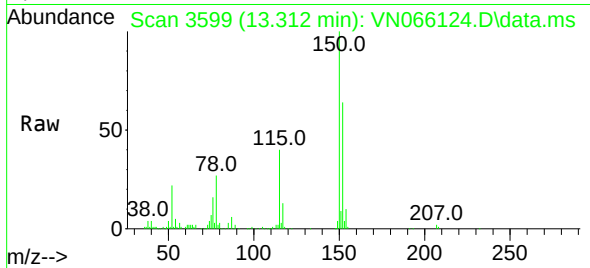
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. -0.000 min
Lab File: VN066124.D
Acq: 3 Mar 2021 15:02

Tgt Ion:152 Resp: 65147
Ion Ratio Lower Upper
152 100
115 64.1 28.5 85.6
150 159.0 0.0 347.6

Instrument :
MSVOA_N
ClientSampled :
30769

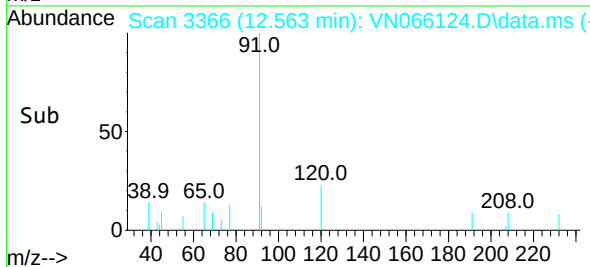
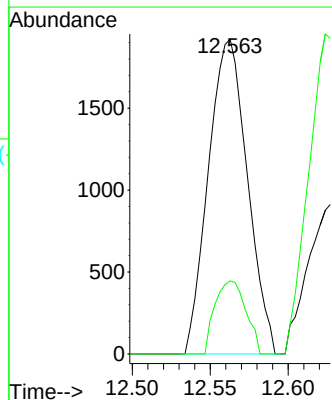
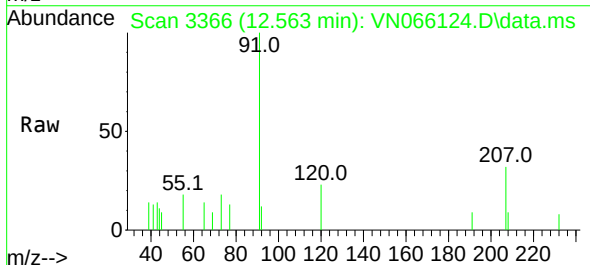
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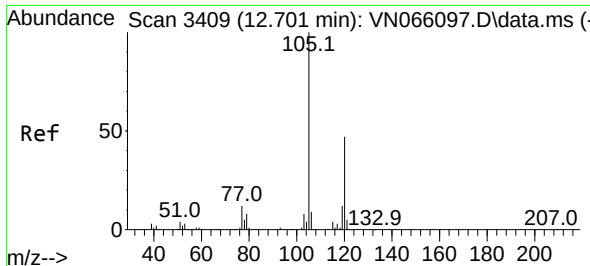
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#78
n-propylbenzene
Concen: 0.57 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. 0.004 min
Lab File: VN066124.D
Acq: 3 Mar 2021 15:02

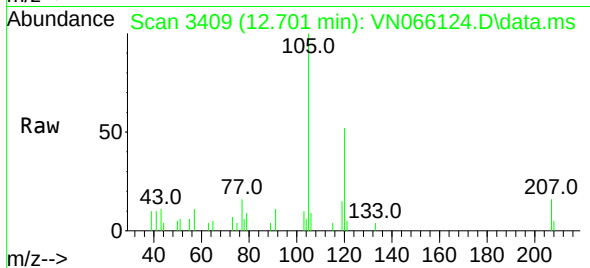
Tgt Ion: 91 Resp: 3335
Ion Ratio Lower Upper
91 100
120 18.4 11.8 35.3





#80
1,3,5-Trimethylbenzene
Concen: 1.42 ug/l
RT: 12.701 min Scan# 3409
Delta R.T. -0.000 min
Lab File: VN066124.D
Acq: 3 Mar 2021 15:02

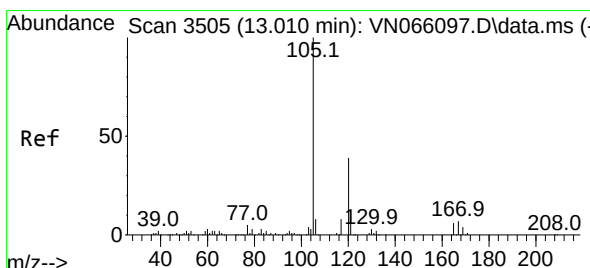
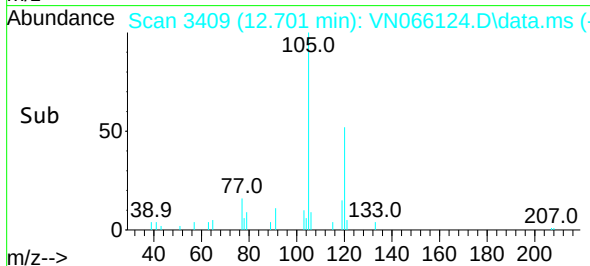
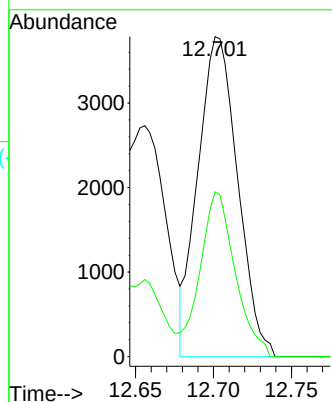
Instrument :
MSVOA_N
ClientSampled :
30769



Tgt Ion:105 Resp: 6709
Ion Ratio Lower Upper
105 100
120 45.1 24.3 72.8

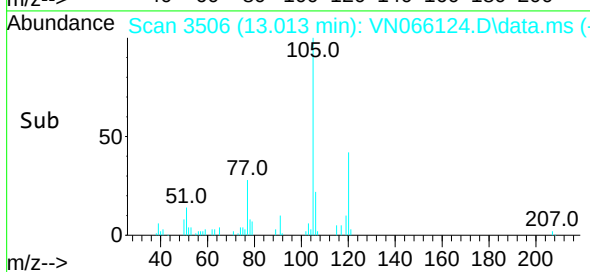
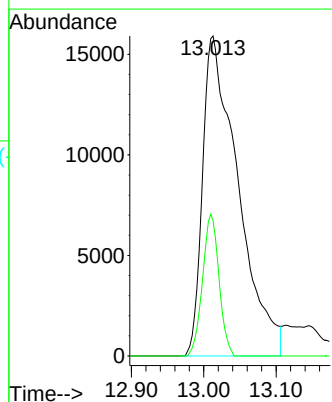
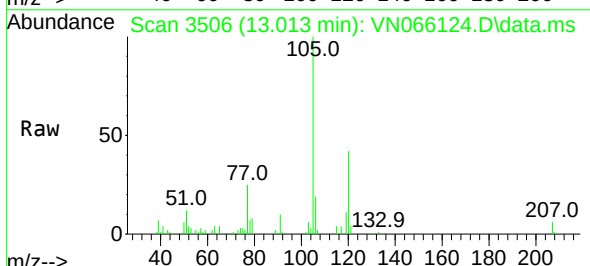
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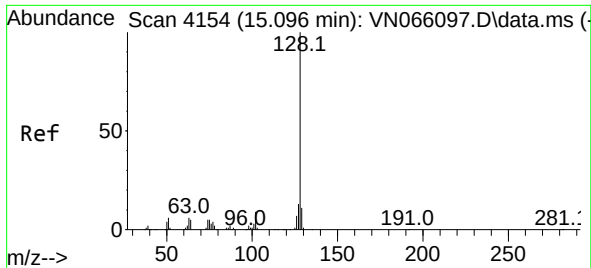
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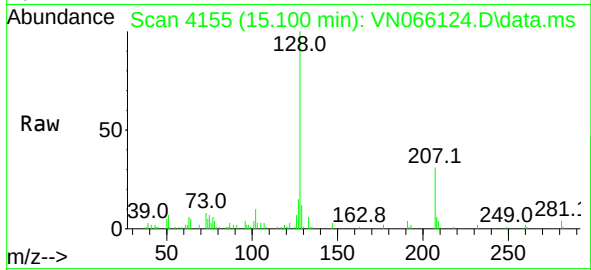
#84
1,2,4-Trimethylbenzene
Concen: 11.68 ug/l m
RT: 13.013 min Scan# 3506
Delta R.T. 0.003 min
Lab File: VN066124.D
Acq: 3 Mar 2021 15:02

Tgt Ion:105 Resp: 54016
Ion Ratio Lower Upper
105 100
120 3.1 22.4 67.0#

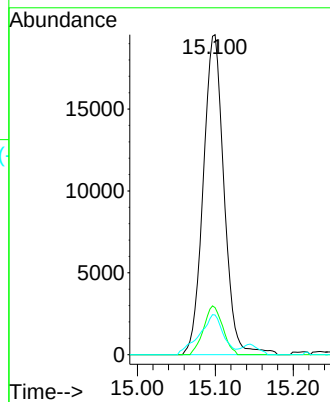
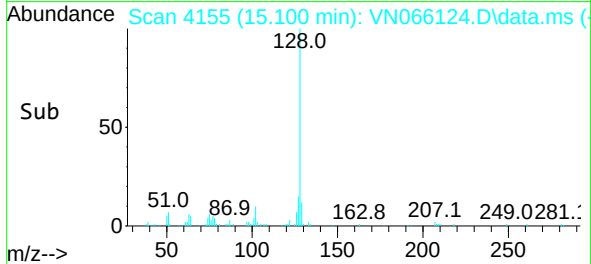




#95
Naphthalene
Concen: 9.96 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.004 min
Lab File: VN066124.D
Acq: 3 Mar 2021 15:02



Tgt Ion:128 Resp: 36173
Ion Ratio Lower Upper
128 100
127 14.0 10.2 15.2
129 14.3 8.6 13.0#



Instrument :
MSVOA_N
ClientSampleId :
30769

Manual Integrations
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