

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010821\
 Data File : VN065446.D
 Acq On : 8 Jan 2021 16:14
 Operator : JC/MD
 Sample : M1022-13DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30733DL

Manual Integrations
 APPROVED

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 1/11/2021 6:21:06 PM

Quant Time: Jan 08 22:48:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.630	168	294493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	484483	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	521620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	258936	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.994	65	169536	50.99	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	101.98%		
35) Dibromofluoromethane	7.556	113	146058	49.97	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.94%		
50) Toluene-d8	10.061	98	600412	54.81	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	109.62%		
62) 4-Bromofluorobenzene	12.376	95	253683	57.68	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	115.36%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.769	59	7655m	14.07	ug/l	
40) Benzene	8.007	78	1440128	109.89	ug/l	93
52) Toluene	10.126	92	770811	93.32	ug/l	99
67) Ethyl Benzene	11.482	91	218161	11.40	ug/l	99
68) m/p-Xylenes	11.592	106	304876	42.30	ug/l	100
69) o-Xylene	11.920	106	255634	36.53	ug/l	98
70) Styrene	11.936	104	536322	45.94	ug/l	98
73) Isopropylbenzene	12.222	105	5896	0.30	ug/l	100
78) n-propylbenzene	12.566	91	6633	0.30	ug/l	93
80) 1,3,5-Trimethylbenzene	12.707	105	50959	3.03	ug/l	99
84) 1,2,4-Trimethylbenzene	13.013	105	141077	8.62	ug/l	98
95) Naphthalene	15.103	128	4053744	285.11	ug/l	98

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

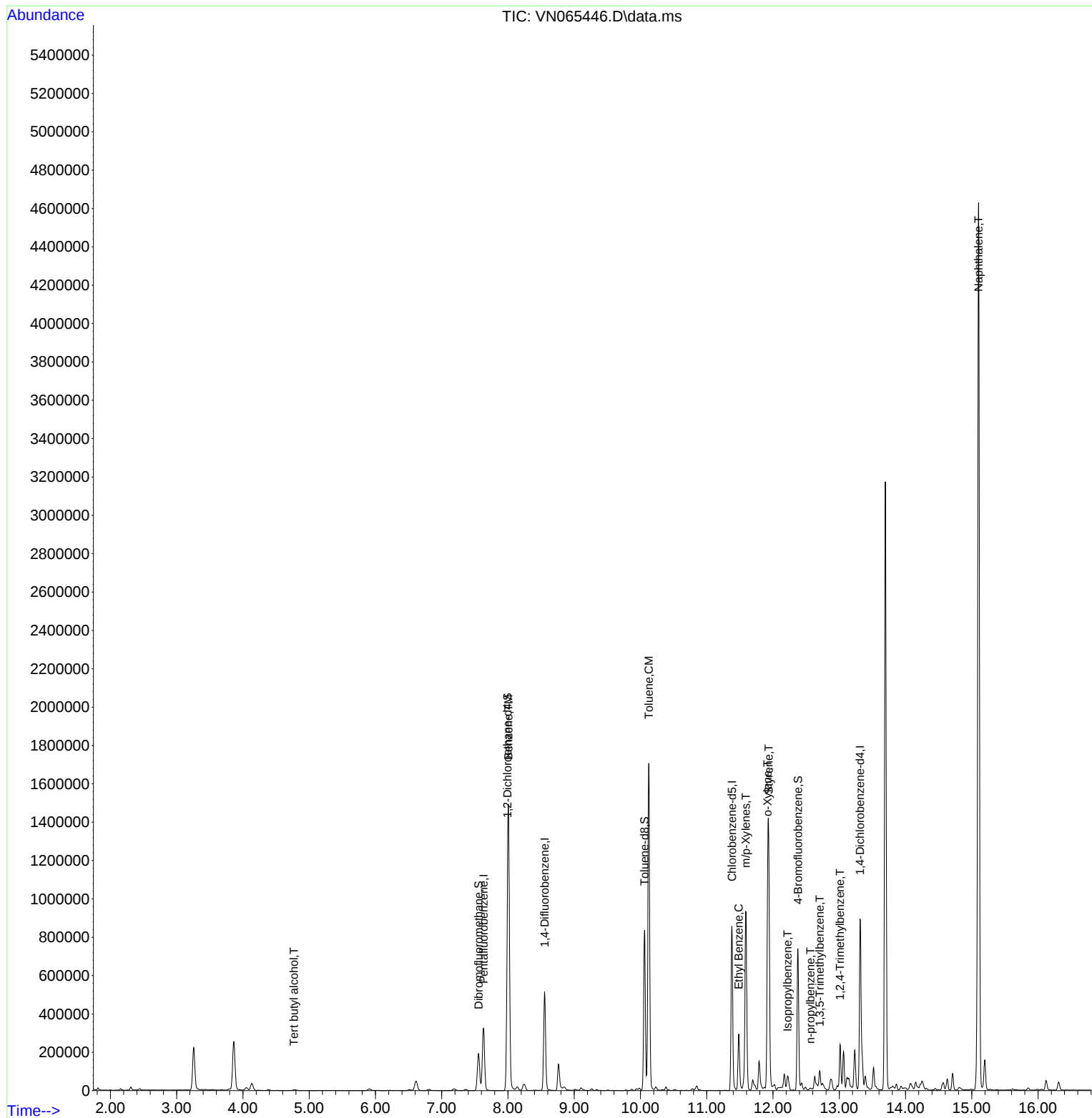
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010821\
Data File : VN065446.D
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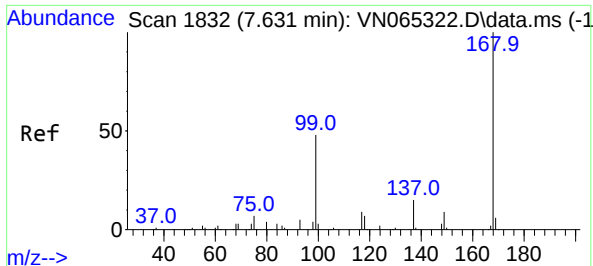
Instrument :
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Quant Time: Jan 08 22:48:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





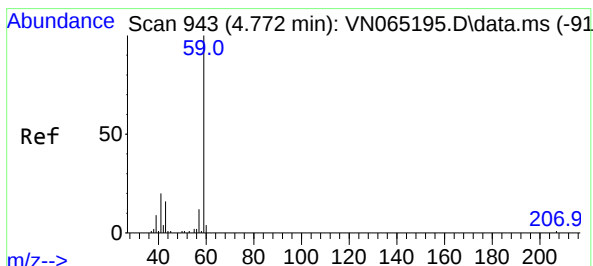
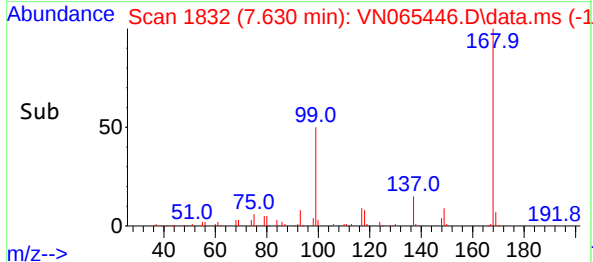
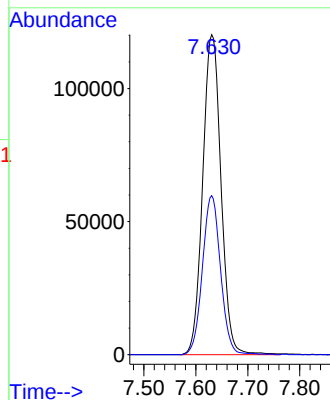
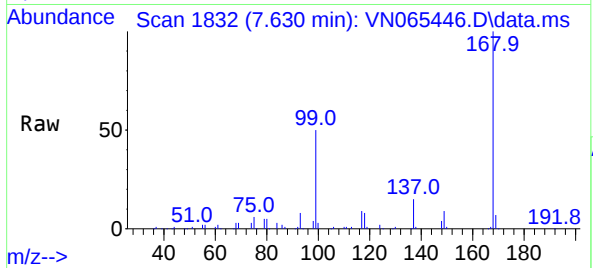
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065446.D
Acq: 8 Jan 2021 16:14

Tgt Ion:168 Resp: 294493
Ion Ratio Lower Upper
168 100
99 49.7 43.0 64.4

Instrument :
MSVOA_N
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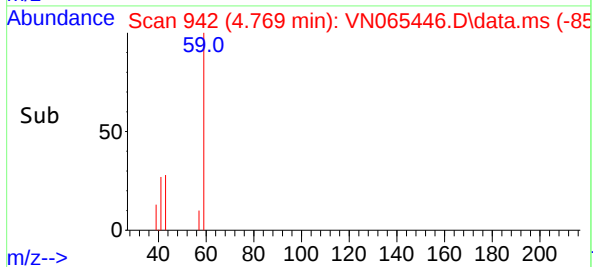
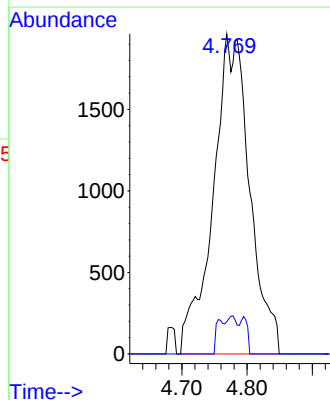
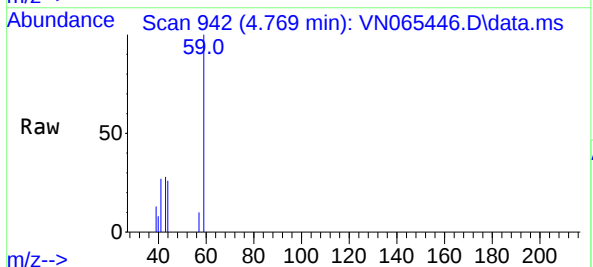
Manual Integrations
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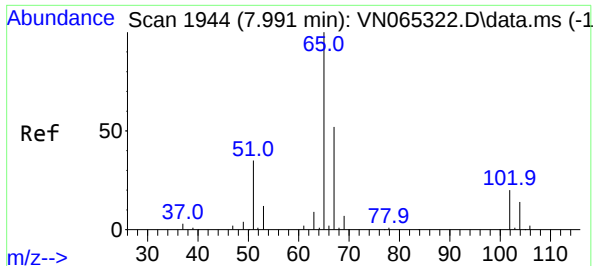
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#11
Tert butyl alcohol
Concen: 14.07 ug/l m
RT: 4.769 min Scan# 942
Delta R.T. -0.003 min
Lab File: VN065446.D
Acq: 8 Jan 2021 16:14

Tgt Ion: 59 Resp: 7655
Ion Ratio Lower Upper
59 100
57 2.5 7.9 11.9#





#33

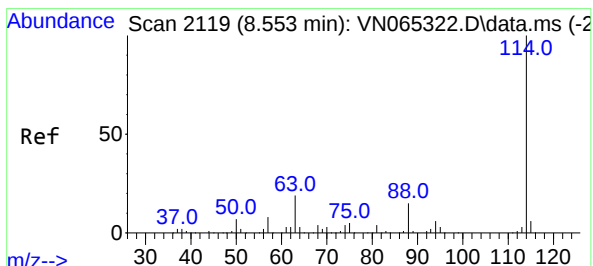
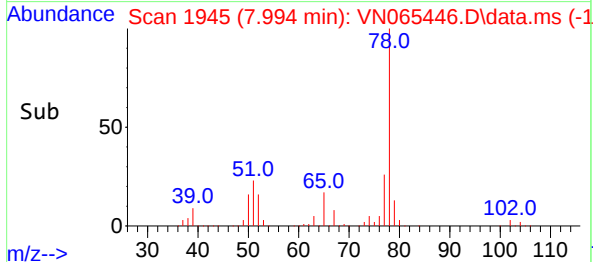
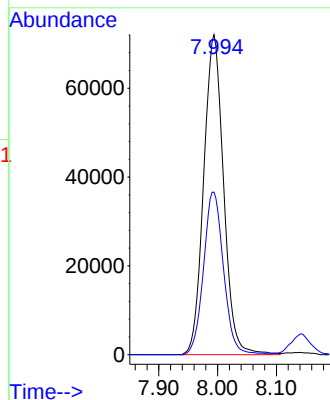
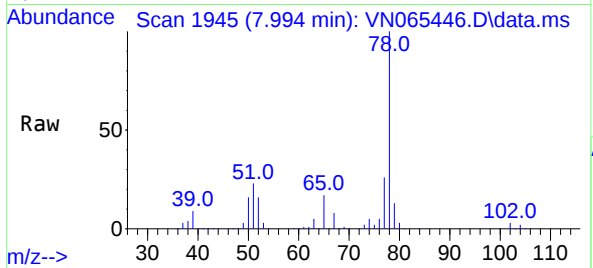
1,2-Dichloroethane-d4
Concen: 50.99 ug/l
RT: 7.994 min Scan# 1945
Delta R.T. 0.003 min
Lab File: VN065446.D
Acq: 8 Jan 2021 16:14

Tgt Ion: 65 Resp: 169536
Ion Ratio Lower Upper
65 100
67 51.0 0.0 108.2

Instrument :
MSVOA_N
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Manual Integrations
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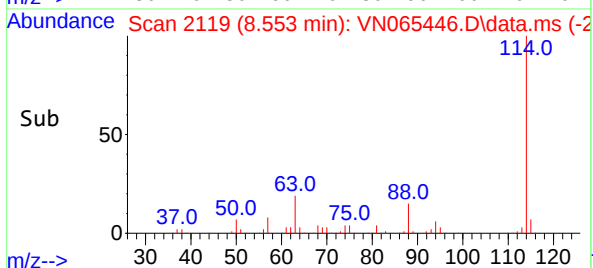
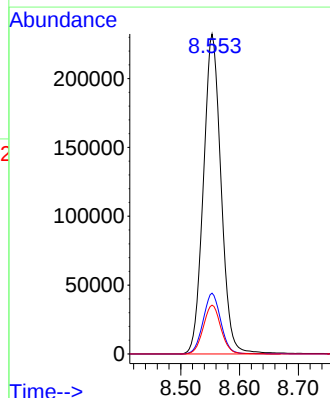
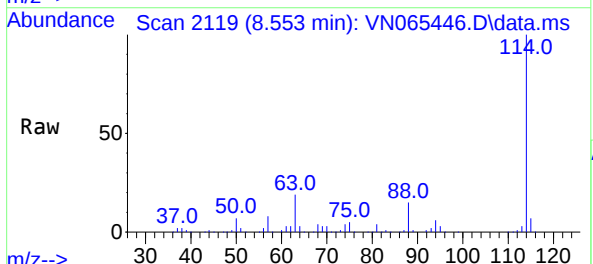
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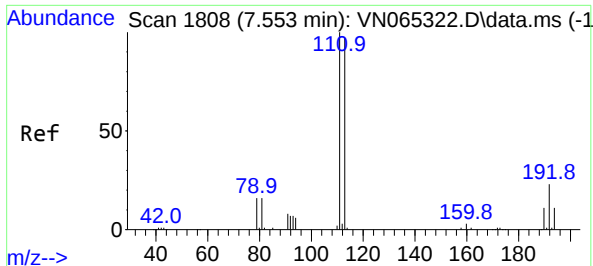


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065446.D
Acq: 8 Jan 2021 16:14

Tgt Ion: 114 Resp: 484483
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.6
88 15.2 0.0 32.6





#35

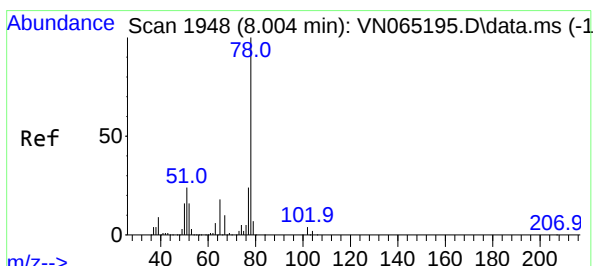
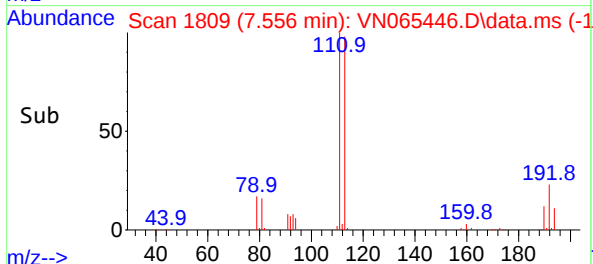
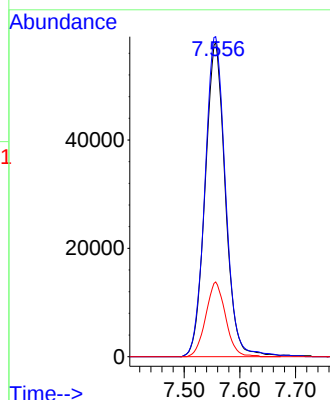
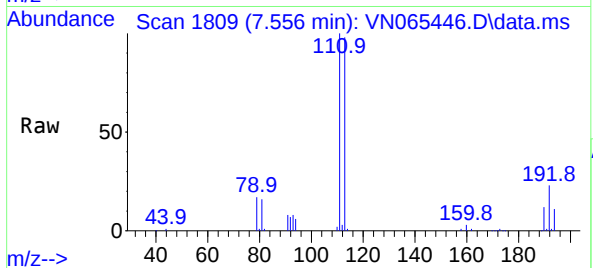
Dibromofluoromethane
Concen: 49.97 ug/l
RT: 7.556 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN065446.D
Acq: 8 Jan 2021 16:14

Tgt Ion: 113 Resp: 146058
Ion Ratio Lower Upper
113 100
111 104.2 81.6 122.4
192 23.4 16.2 24.2

Instrument :
MSVOA_N
ClientSampleId :
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Manual Integrations
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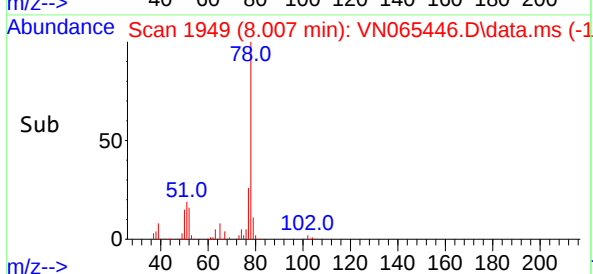
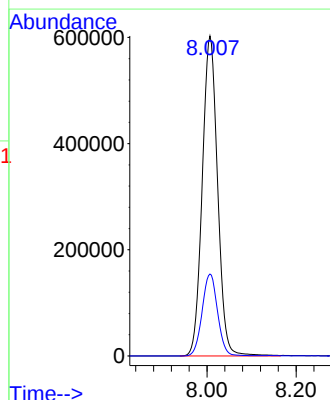
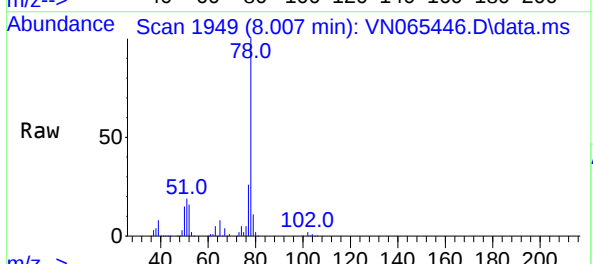
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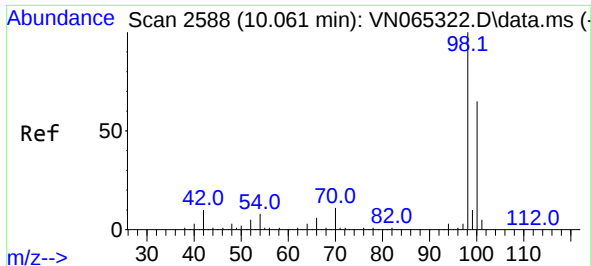


#40

Benzene
Concen: 109.89 ug/l
RT: 8.007 min Scan# 1949
Delta R.T. 0.003 min
Lab File: VN065446.D
Acq: 8 Jan 2021 16:14

Tgt Ion: 78 Resp: 1440128
Ion Ratio Lower Upper
78 100
77 25.6 17.9 26.9





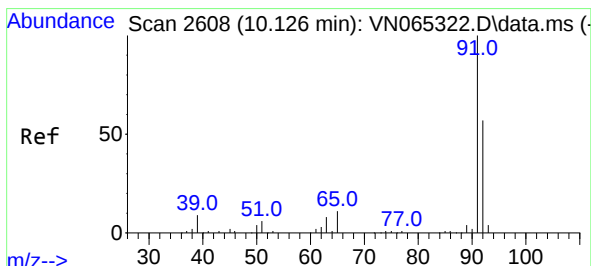
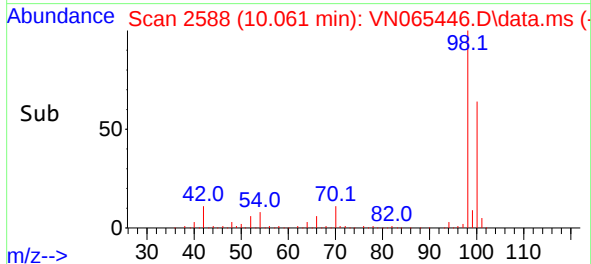
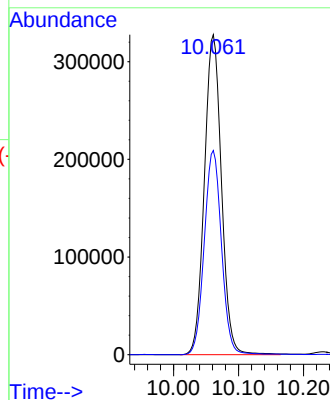
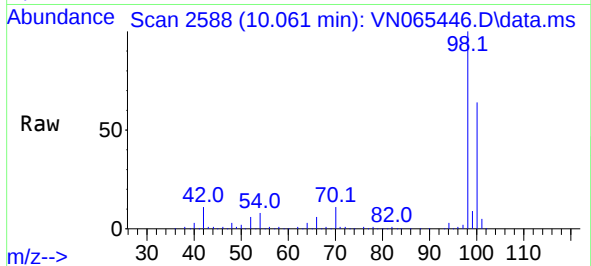
#50
Toluene-d8
Concen: 54.81 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065446.D
Acq: 8 Jan 2021 16:14

Tgt Ion: 98 Resp: 600412
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5

Instrument :
MSVOA_N
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30733DL

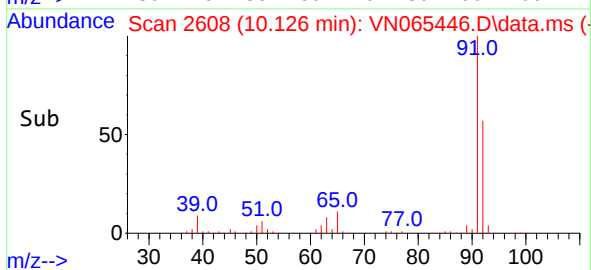
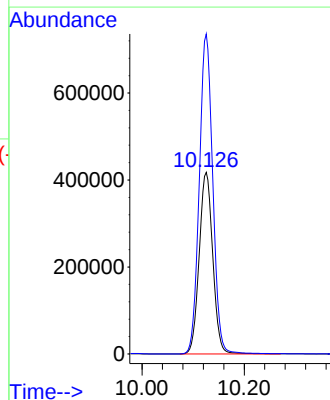
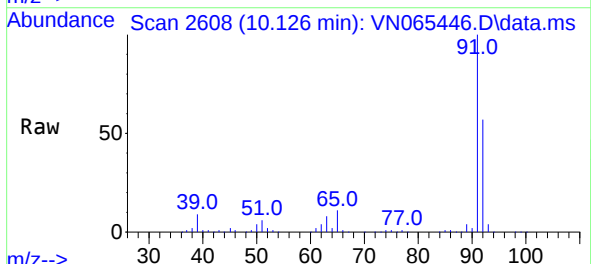
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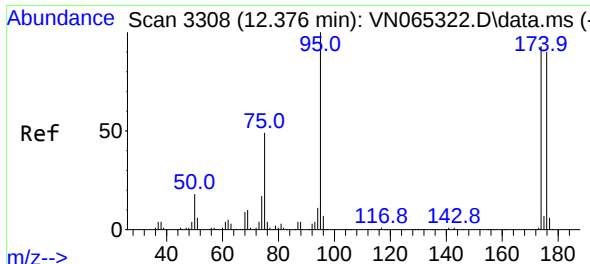
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#52
Toluene
Concen: 93.32 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. -0.000 min
Lab File: VN065446.D
Acq: 8 Jan 2021 16:14

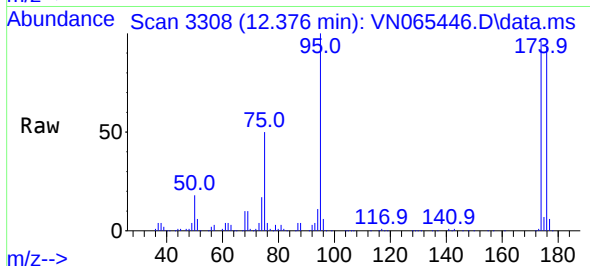
Tgt Ion: 92 Resp: 770811
Ion Ratio Lower Upper
92 100
91 175.0 139.1 208.7





#62
4-Bromofluorobenzene
Concen: 57.68 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065446.D
Acq: 8 Jan 2021 16:14

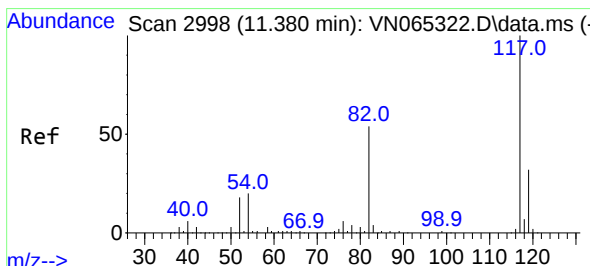
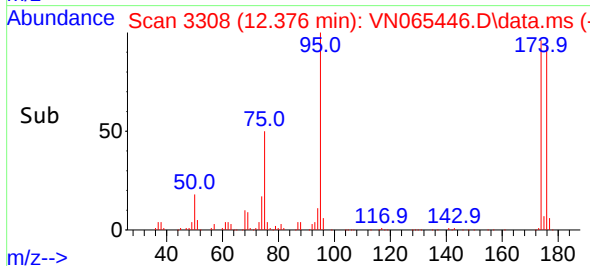
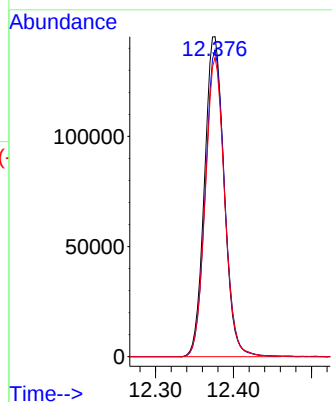
Instrument :
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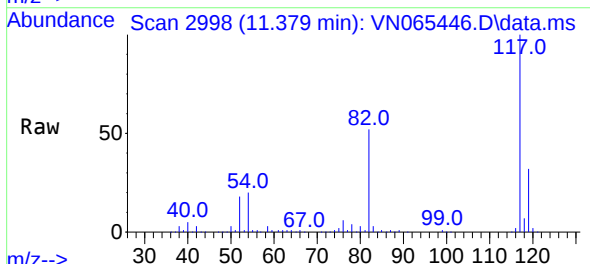
Tgt Ion: 95 Resp: 253683
Ion Ratio Lower Upper
95 100
174 94.4 0.0 160.4
176 92.0 0.0 158.4

Manual Integrations
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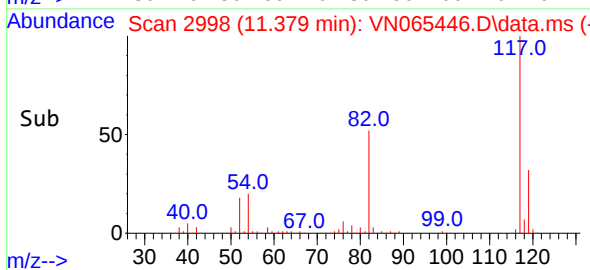
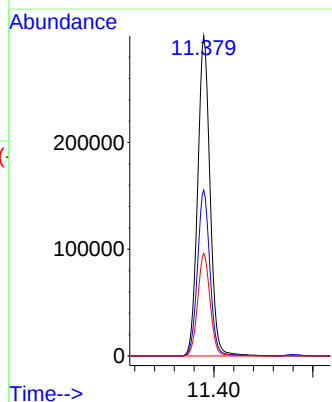
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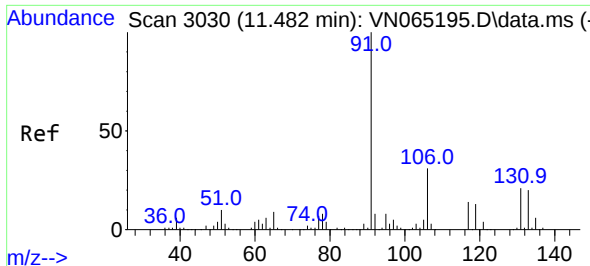


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065446.D
Acq: 8 Jan 2021 16:14

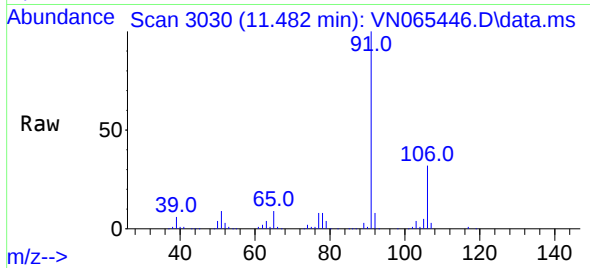


Tgt Ion: 117 Resp: 521620
Ion Ratio Lower Upper
117 100
82 51.9 44.2 66.2
119 32.1 25.8 38.6

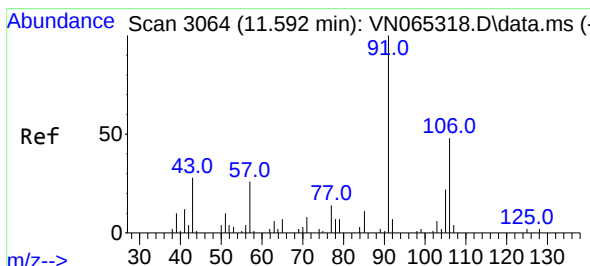
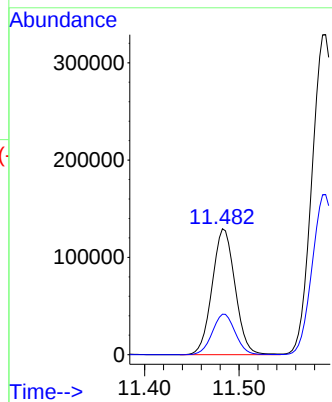
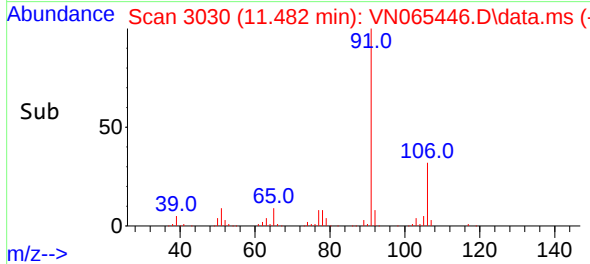




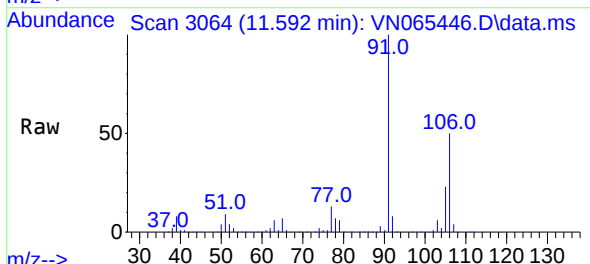
#67
Ethyl Benzene
Concen: 11.40 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VN065446.D
Acq: 8 Jan 2021 16:14



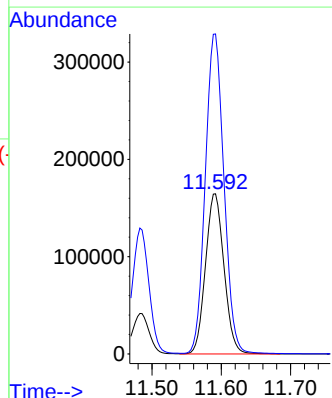
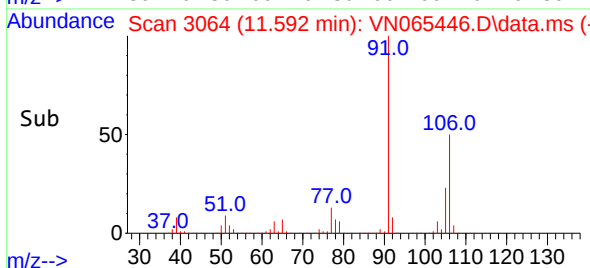
Tgt Ion: 91 Resp: 218161
Ion Ratio Lower Upper
91 100
106 32.2 25.2 37.8



#68
m/p-Xylenes
Concen: 42.30 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. -0.000 min
Lab File: VN065446.D
Acq: 8 Jan 2021 16:14



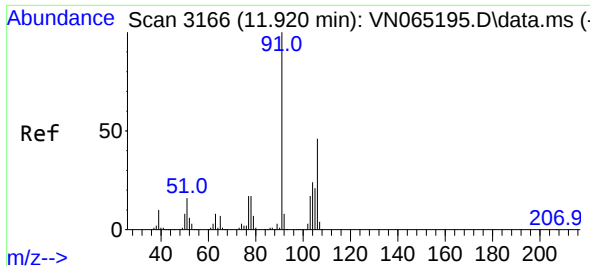
Tgt Ion: 106 Resp: 304876
Ion Ratio Lower Upper
106 100
91 201.0 161.0 241.4



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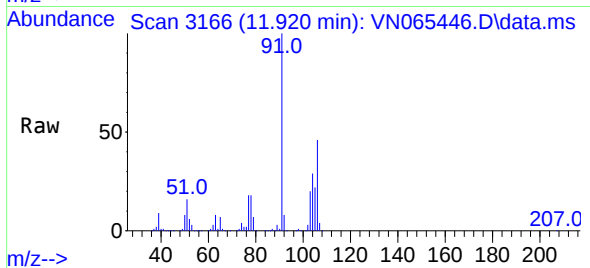
Manual Integrations
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#69
o-Xylene
Concen: 36.53 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. -0.000 min
Lab File: VN065446.D
Acq: 8 Jan 2021 16:14

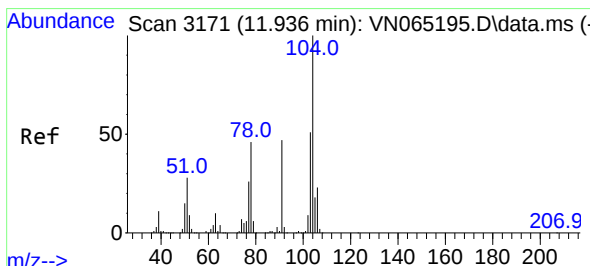
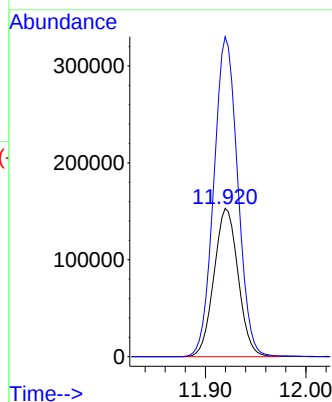
Instrument :
MSVOA_N
ClientSampled :
30733DL



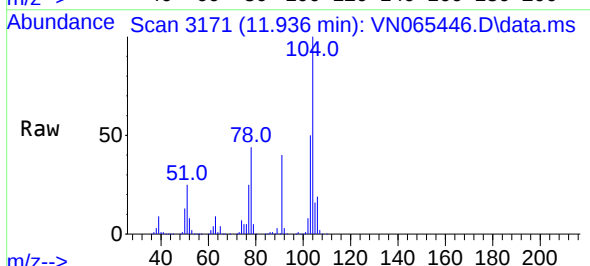
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Ion Ratio Lower Upper
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91 213.7 105.5 316.5

Manual Integrations
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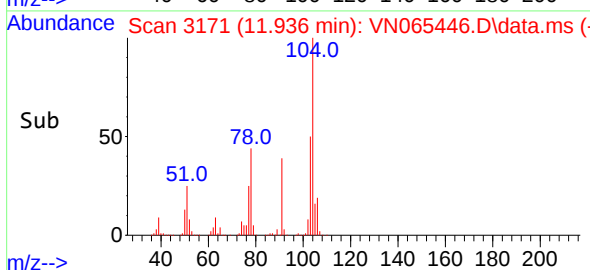
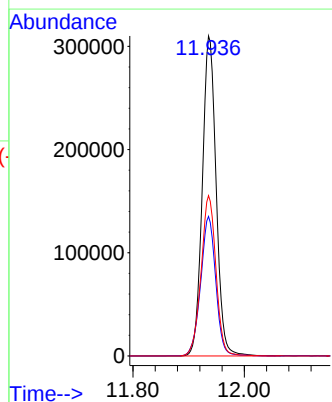
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1/11/2021 6:21:06 PM

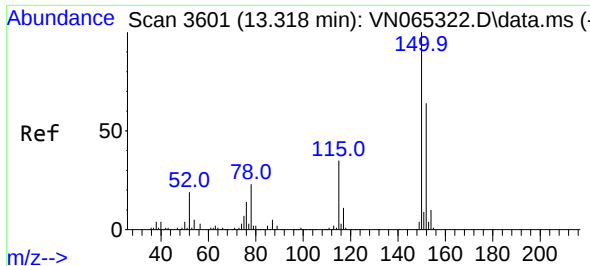


#70
Styrene
Concen: 45.94 ug/l
RT: 11.936 min Scan# 3171
Delta R.T. -0.000 min
Lab File: VN065446.D
Acq: 8 Jan 2021 16:14



Tgt Ion:104 Resp: 536322
Ion Ratio Lower Upper
104 100
78 47.4 39.0 58.6
103 53.9 44.3 66.5





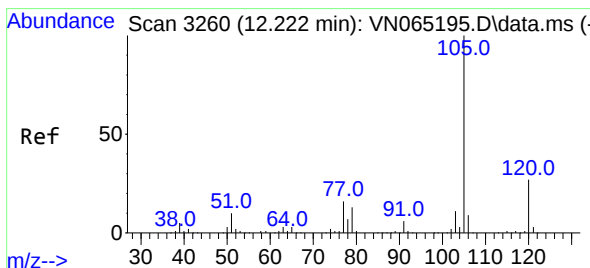
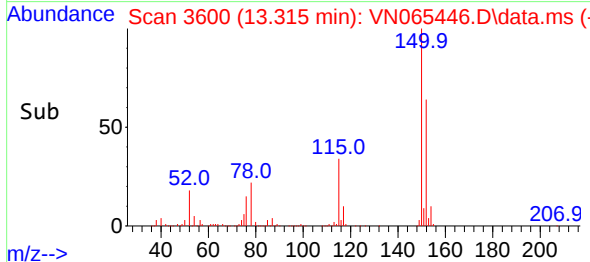
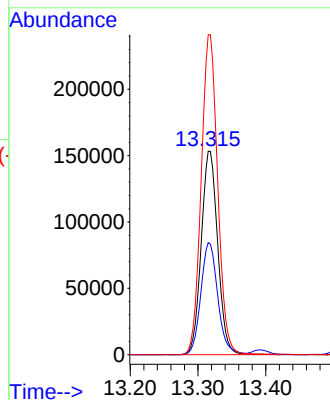
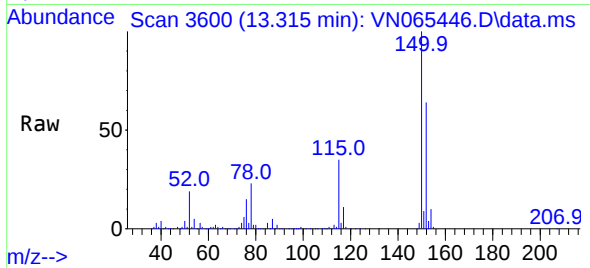
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. -0.003 min
Lab File: VN065446.D
Acq: 8 Jan 2021 16:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	29.7	89.1
150	157.3	0.0	350.6

Instrument :
MSVOA_N
ClientSampleId :
30733DL

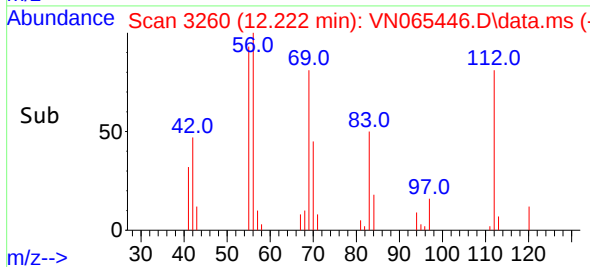
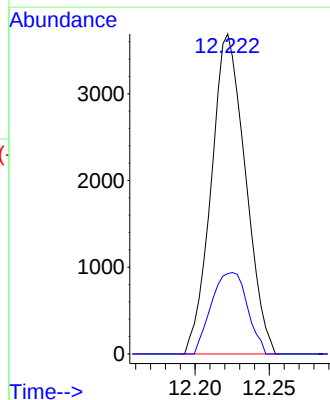
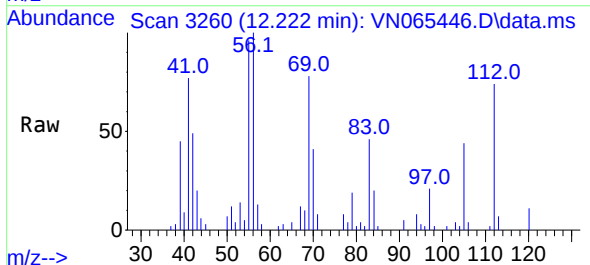
Manual Integrations
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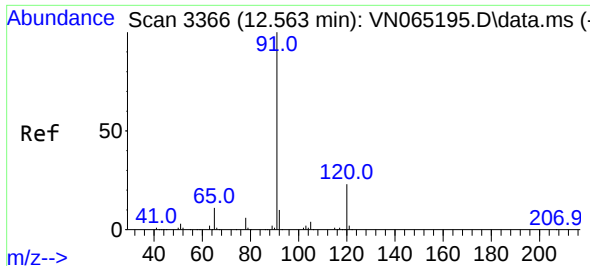
MMDadoda
1/11/2021 6:21:06 PM



#73
Isopropylbenzene
Concen: 0.30 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. -0.000 min
Lab File: VN065446.D
Acq: 8 Jan 2021 16:14

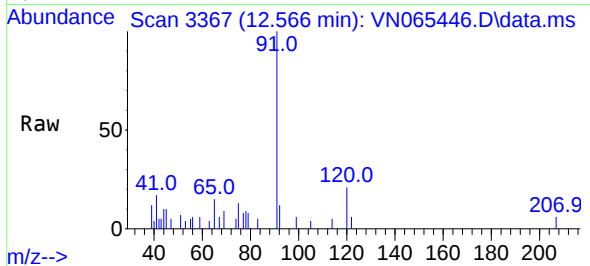
Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.3	39.9





#78
n-propylbenzene
Concen: 0.30 ug/l
RT: 12.566 min Scan# 3367
Delta R.T. 0.003 min
Lab File: VN065446.D
Acq: 8 Jan 2021 16:14

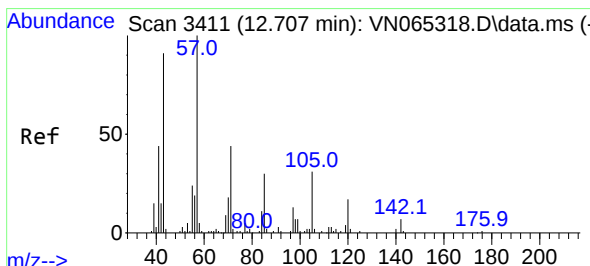
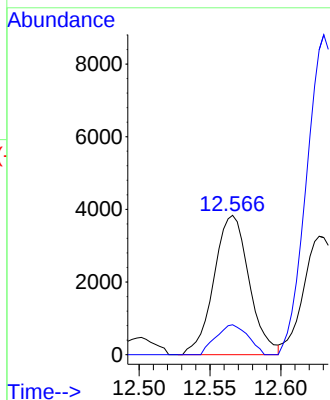
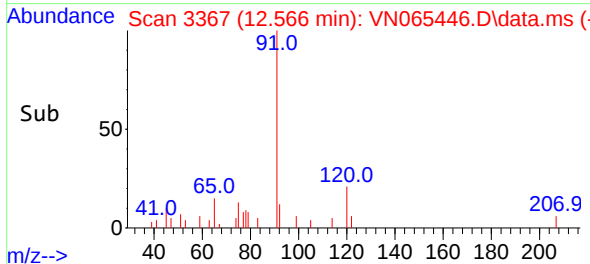
Instrument :
MSVOA_N
ClientSampleId :
30733DL



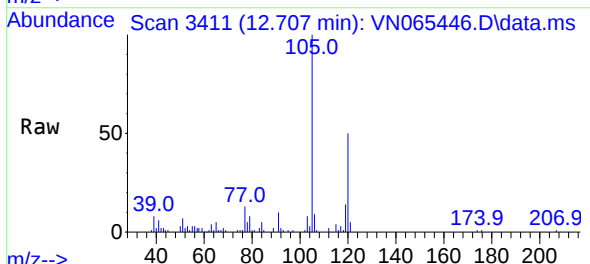
Tgt Ion: 91 Resp: 6633
Ion Ratio Lower Upper
91 100
120 19.5 11.6 34.7

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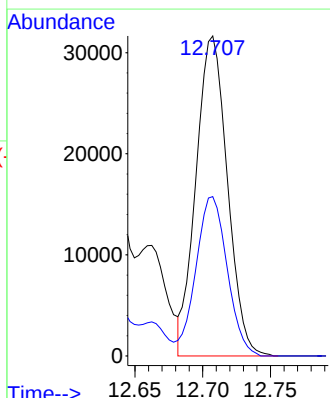
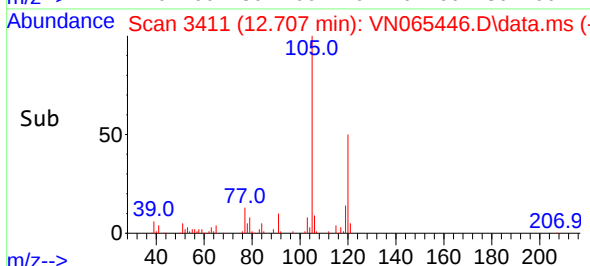
MMDadoda
1/11/2021 6:21:06 PM

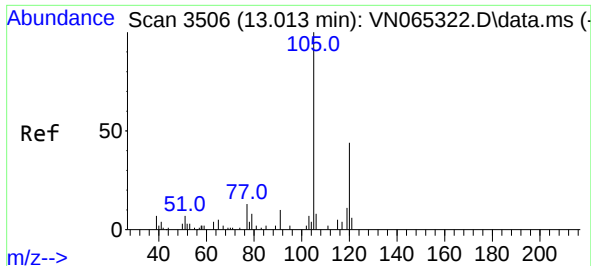


#80
1,3,5-Trimethylbenzene
Concen: 3.03 ug/l
RT: 12.707 min Scan# 3411
Delta R.T. -0.001 min
Lab File: VN065446.D
Acq: 8 Jan 2021 16:14



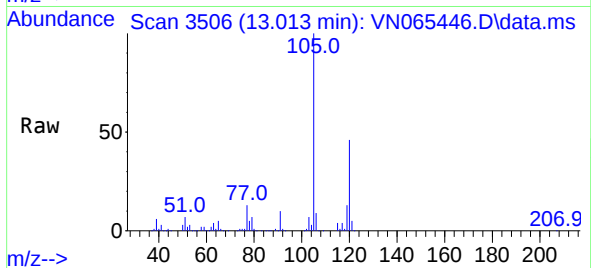
Tgt Ion: 105 Resp: 50959
Ion Ratio Lower Upper
105 100
120 49.9 24.6 73.6





#84
1,2,4-Trimethylbenzene
Concen: 8.62 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. -0.000 min
Lab File: VN065446.D
Acq: 8 Jan 2021 16:14

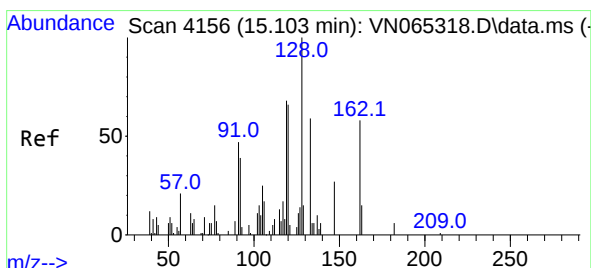
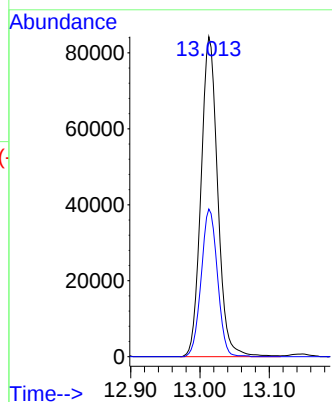
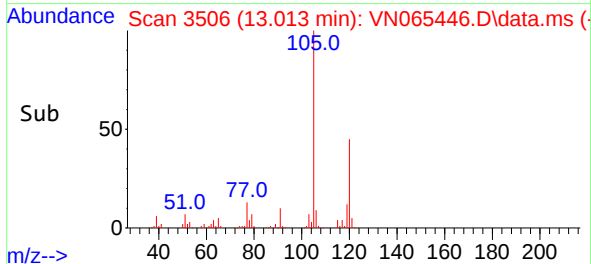
Instrument :
MSVOA_N
ClientSampled :
30733DL



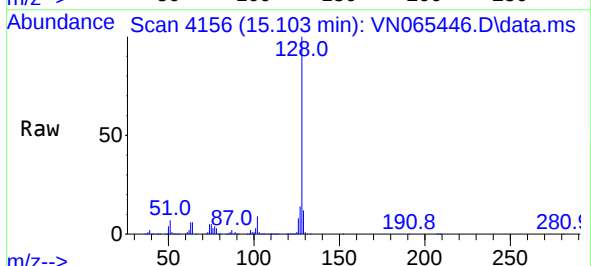
Tgt Ion:105 Resp: 141077
Ion Ratio Lower Upper
105 100
120 44.8 23.1 69.2

Manual Integrations
APPROVED

MMDadoda
1/11/2021 6:21:06 PM



#95
Naphthalene
Concen: 285.11 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.007 min
Lab File: VN065446.D
Acq: 8 Jan 2021 16:14



Tgt Ion:128 Resp: 4053744
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 11.6 8.7 13.1

