

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010821\
 Data File : VN065444.D
 Acq On : 8 Jan 2021 15:25
 Operator : JC/MD
 Sample : M1022-12DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30732DL

Manual Integrations
 APPROVED

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 1/11/2021 6:21:04 PM

Quant Time: Jan 08 22:47:55 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	7.627	168	288547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	472758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	513640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	264608	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	162228	49.80	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.60%			
35) Dibromofluoromethane	7.553	113	143658	50.37	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.74%			
50) Toluene-d8	10.058	98	595516	55.71	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 111.42%			
62) 4-Bromofluorobenzene	12.376	95	255099	59.28	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 118.56%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.788	59	12693m	23.81	ug/l	
16) Acetone	3.791	43	77922	48.32	ug/l	99
18) Methyl Acetate	4.293	43	10231	3.50	ug/l	95
25) 2-Butanone	6.807	43	14830	8.11	ug/l	98
37) Ethyl Acetate	6.897	43	3920m	0.92	ug/l	
40) Benzene	8.004	78	774589	60.57	ug/l	96
51) 4-Methyl-2-Pentanone	9.958	43	5647	1.37	ug/l	92
52) Toluene	10.126	92	377053	46.78	ug/l	99
67) Ethyl Benzene	11.482	91	156930	8.33	ug/l	100
68) m/p-Xylenes	11.589	106	242137	34.12	ug/l	100
69) o-Xylene	11.920	106	245485	35.63	ug/l	98
70) Styrene	11.936	104	265134	23.06	ug/l	94
73) Isopropylbenzene	12.222	105	10573	0.52	ug/l	93
78) n-propylbenzene	12.566	91	12584	0.55	ug/l	97
80) 1,3,5-Trimethylbenzene	12.708	105	119052	6.93	ug/l	99
84) 1,2,4-Trimethylbenzene	13.013	105	263610	15.75	ug/l	98
95) Naphthalene	15.103	128	4086281	281.28	ug/l	98

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

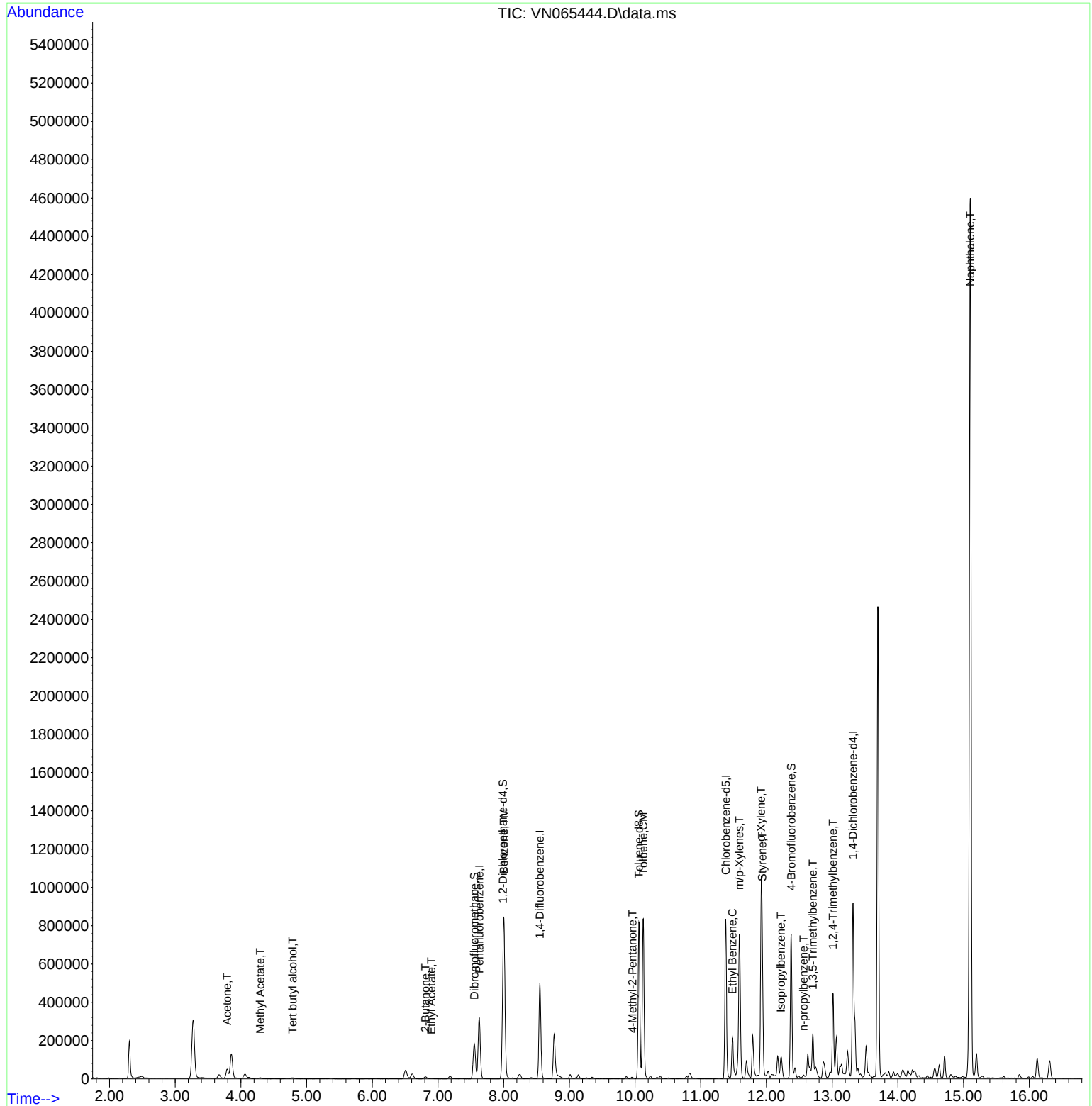
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010821\
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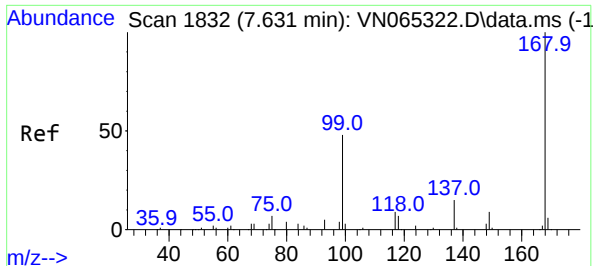
Instrument :
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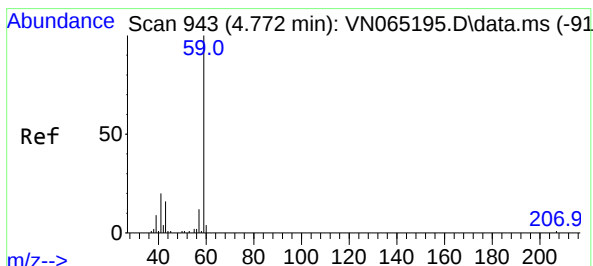
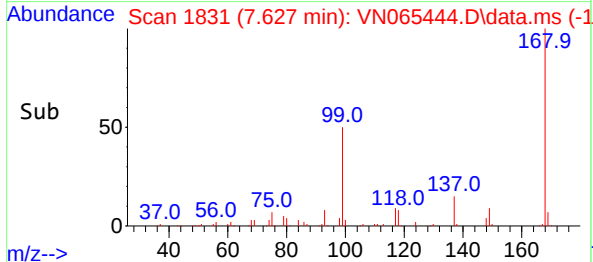
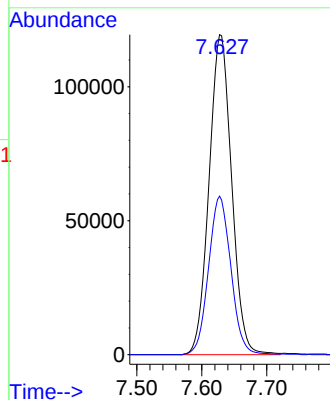
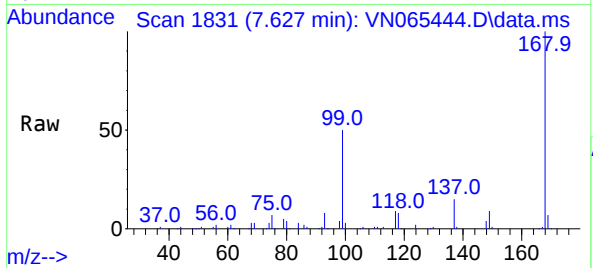
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065444.D
Acq: 8 Jan 2021 15:25

Tgt Ion:168 Resp: 288547
Ion Ratio Lower Upper
168 100
99 49.6 43.0 64.4

Instrument :
MSVOA_N
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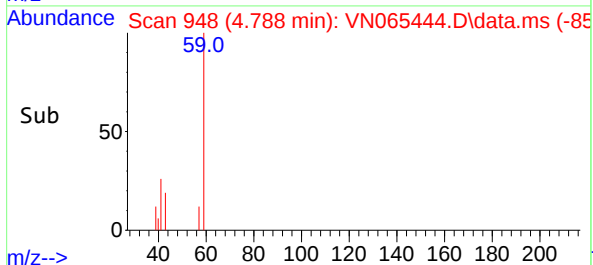
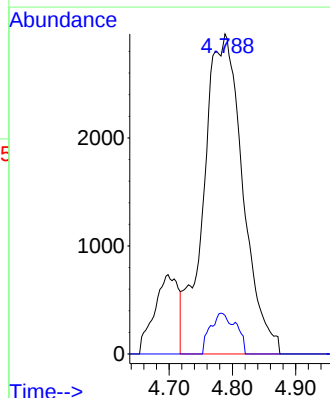
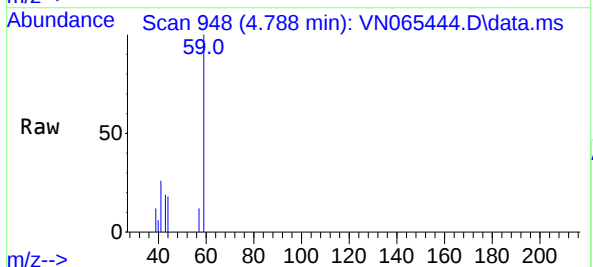
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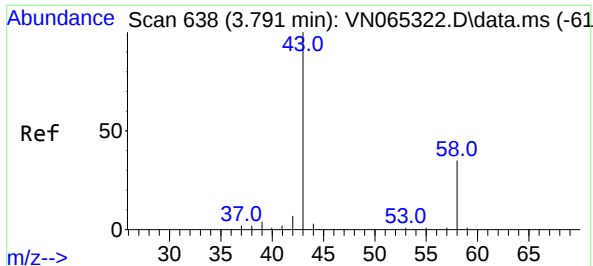
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#11
Tert butyl alcohol
Concen: 23.81 ug/l m
RT: 4.788 min Scan# 948
Delta R.T. 0.016 min
Lab File: VN065444.D
Acq: 8 Jan 2021 15:25

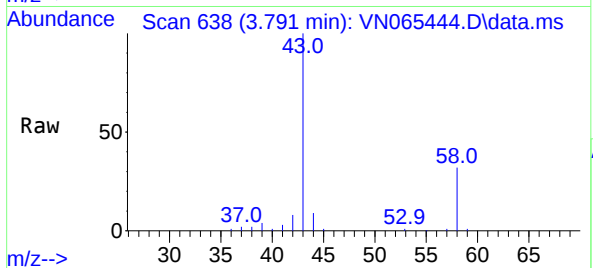
Tgt Ion: 59 Resp: 12693
Ion Ratio Lower Upper
59 100
57 6.2 7.9 11.9#





#16
Acetone
Concen: 48.32 ug/l
RT: 3.791 min Scan# 638
Delta R.T. 0.006 min
Lab File: VN065444.D
Acq: 8 Jan 2021 15:25

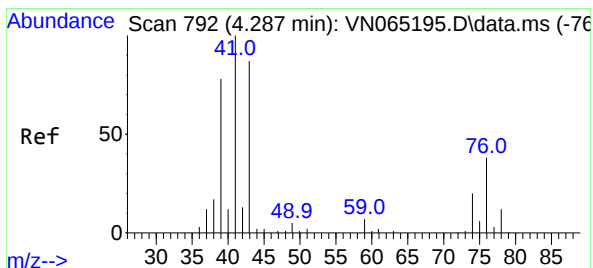
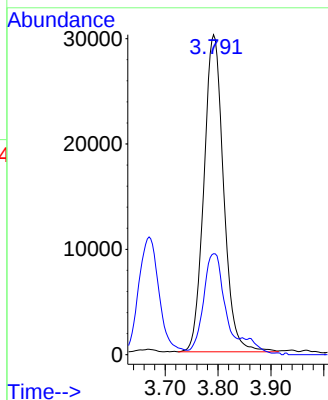
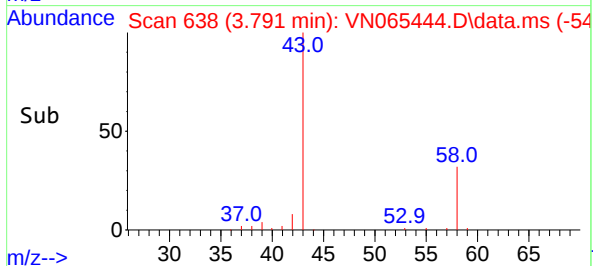
Instrument :
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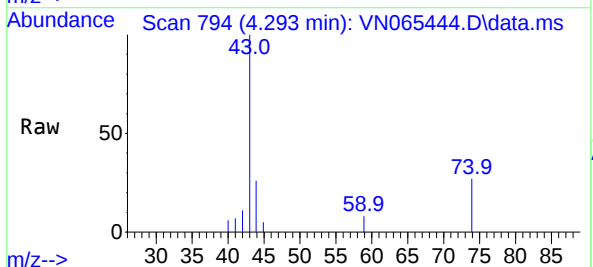
Tgt Ion: 43 Resp: 77922
Ion Ratio Lower Upper
43 100
58 31.3 25.7 38.5

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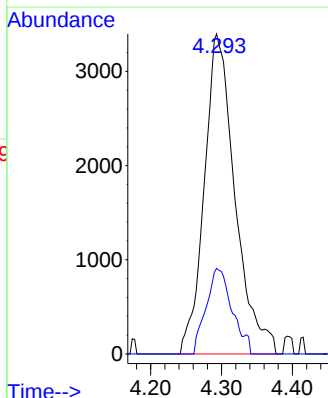
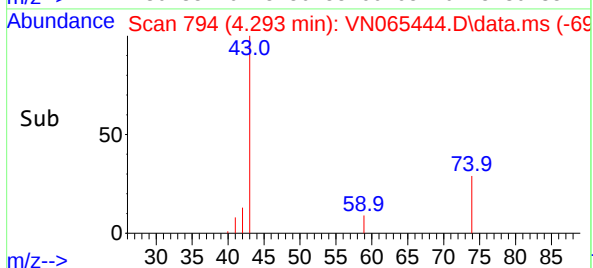
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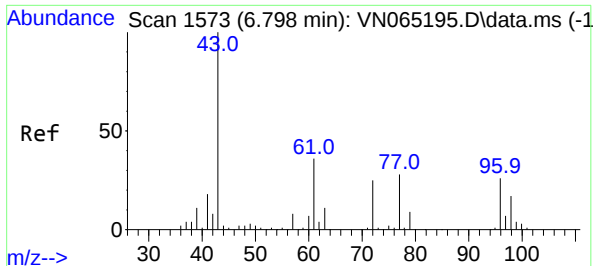


#18
Methyl Acetate
Concen: 3.50 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.006 min
Lab File: VN065444.D
Acq: 8 Jan 2021 15:25



Tgt Ion: 43 Resp: 10231
Ion Ratio Lower Upper
43 100
74 22.5 20.2 30.2





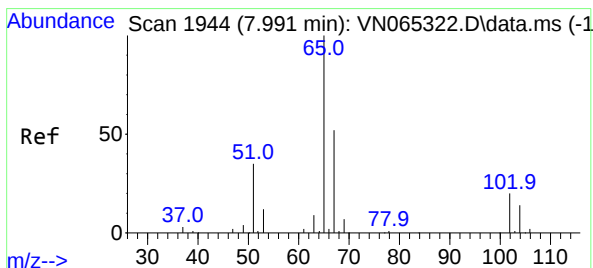
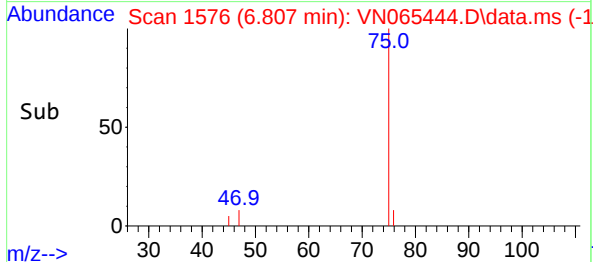
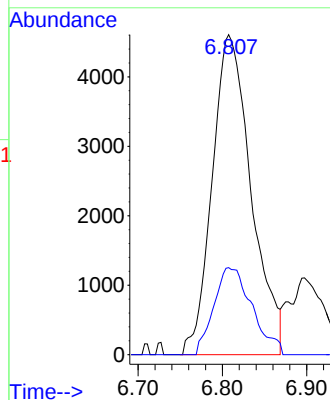
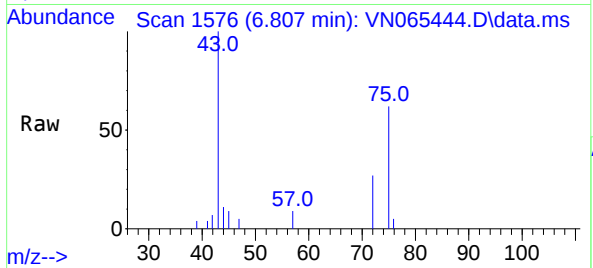
#25
2-Butanone
Concen: 8.11 ug/l
RT: 6.807 min Scan# 1576
Delta R.T. 0.009 min
Lab File: VN065444.D
Acq: 8 Jan 2021 15:25

Tgt Ion: 43 Resp: 14830
Ion Ratio Lower Upper
43 100
72 27.2 21.0 31.6

Instrument :
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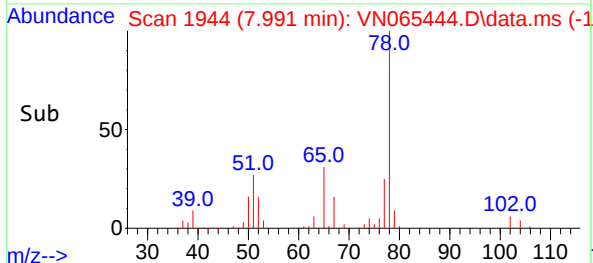
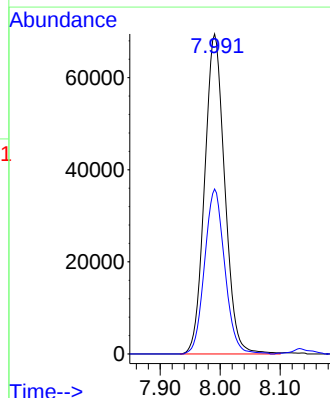
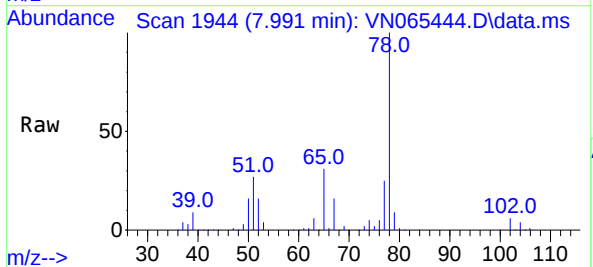
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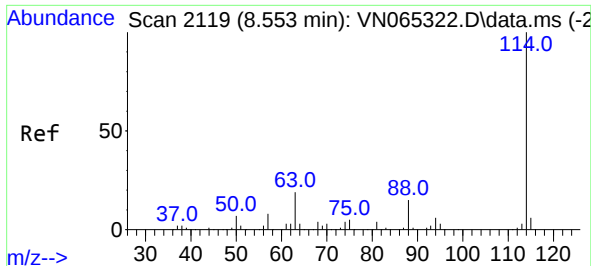
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#33
1,2-Dichloroethane-d4
Concen: 49.80 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065444.D
Acq: 8 Jan 2021 15:25

Tgt Ion: 65 Resp: 162228
Ion Ratio Lower Upper
65 100
67 51.7 0.0 108.2





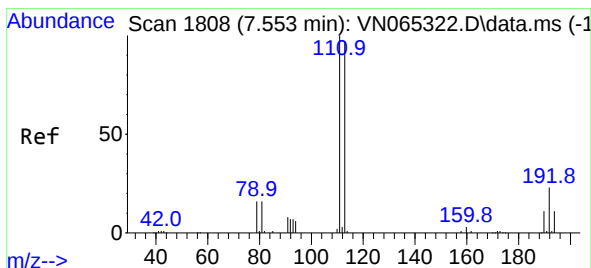
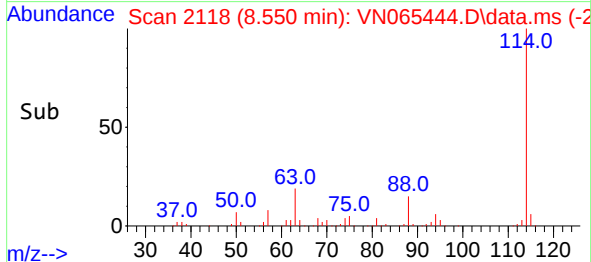
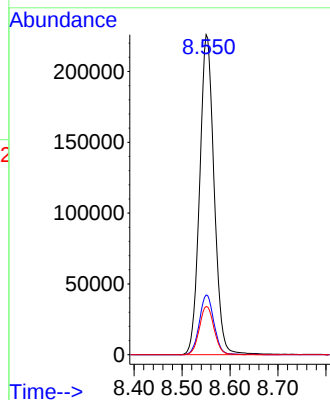
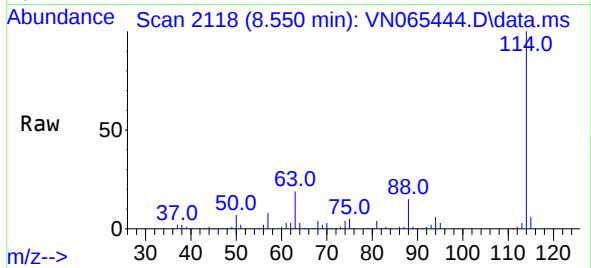
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065444.D
Acq: 8 Jan 2021 15:25

Tgt Ion:114 Resp: 472758
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.6
88 15.1 0.0 32.6

Instrument :
MSVOA_N
ClientSampled :
30732DL

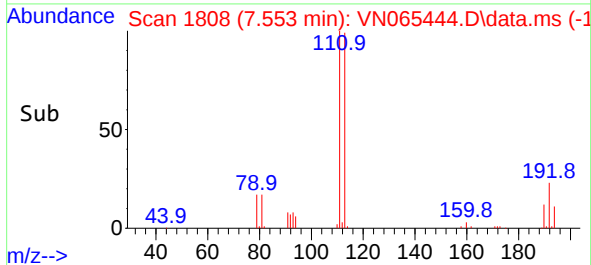
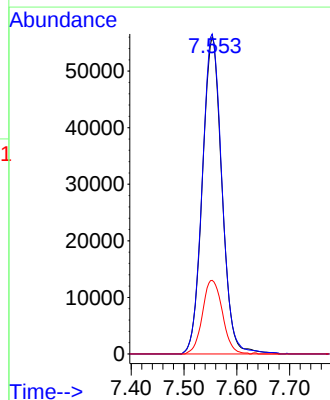
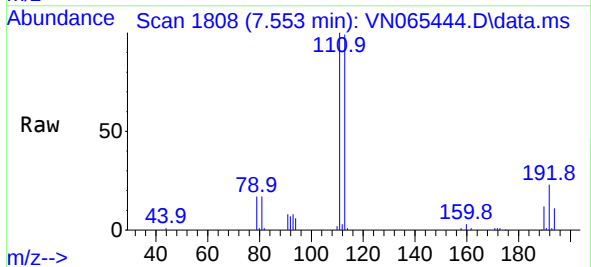
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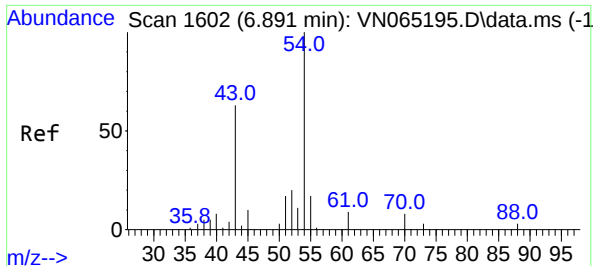
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#35
Dibromofluoromethane
Concen: 50.37 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065444.D
Acq: 8 Jan 2021 15:25

Tgt Ion:113 Resp: 143658
Ion Ratio Lower Upper
113 100
111 101.6 81.6 122.4
192 23.8 16.2 24.2





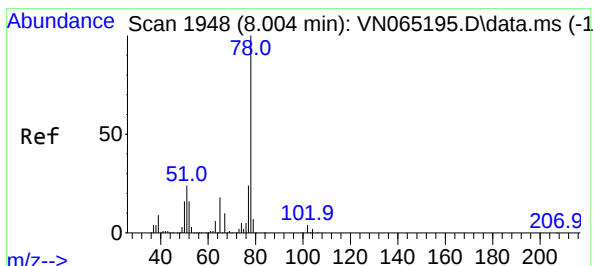
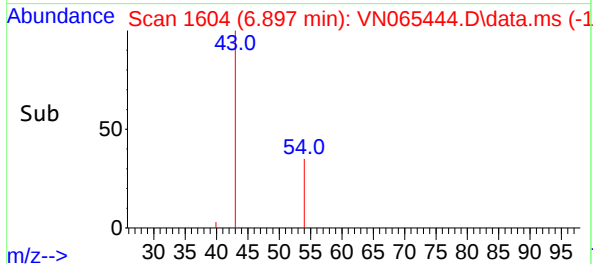
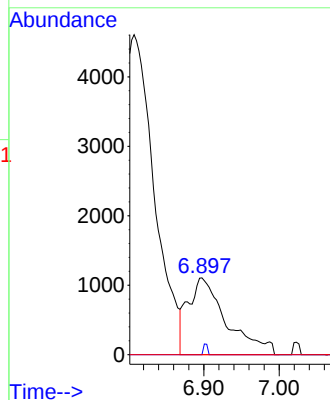
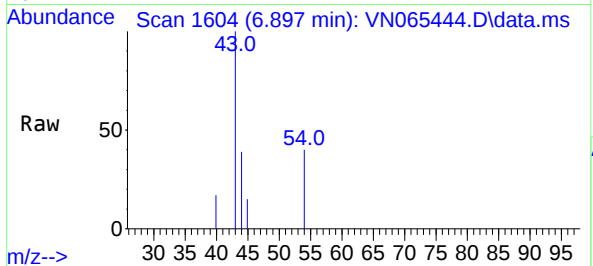
#37
Ethyl Acetate
Concen: 0.92 ug/l m
RT: 6.897 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VN065444.D
Acq: 8 Jan 2021 15:25

Tgt Ion: 43 Resp: 3920
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 8.8 13.2#

Instrument :
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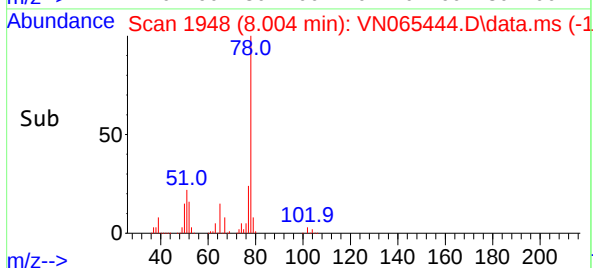
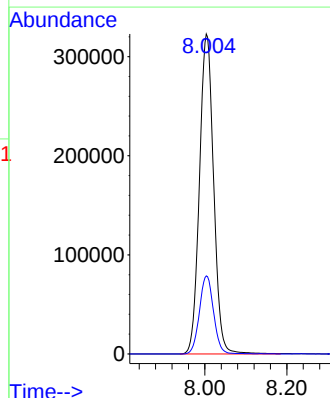
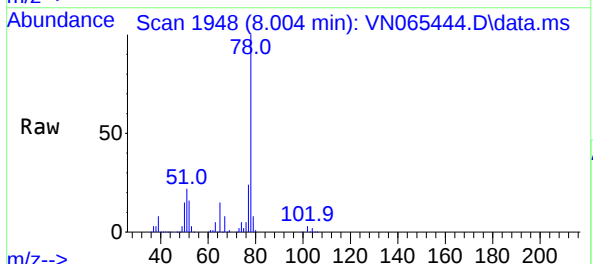
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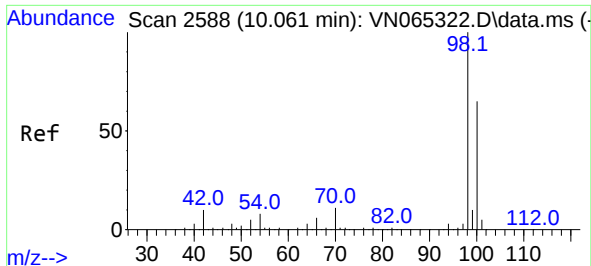
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#40
Benzene
Concen: 60.57 ug/l
RT: 8.004 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VN065444.D
Acq: 8 Jan 2021 15:25

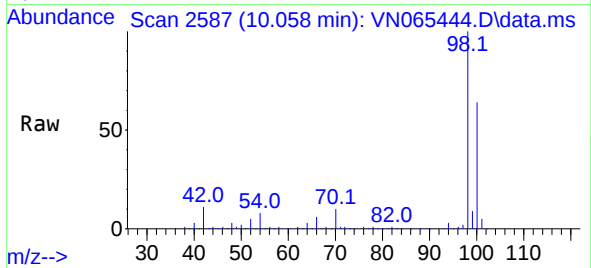
Tgt Ion: 78 Resp: 774589
Ion Ratio Lower Upper
78 100
77 24.4 17.9 26.9





#50
Toluene-d8
Concen: 55.71 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065444.D
Acq: 8 Jan 2021 15:25

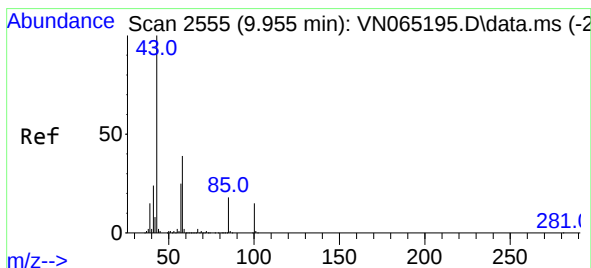
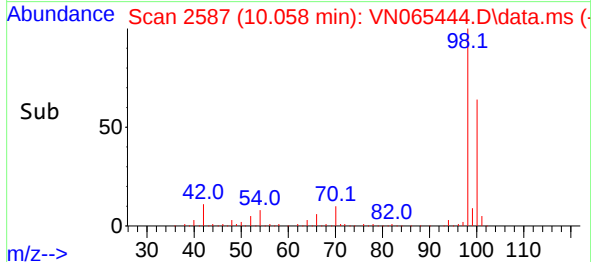
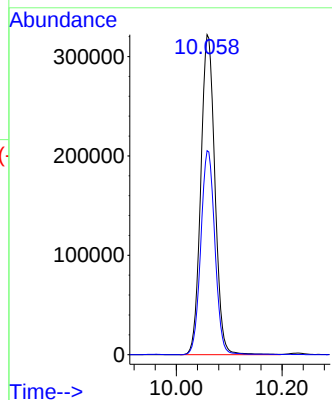
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Tgt Ion: 98 Resp: 595516
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5

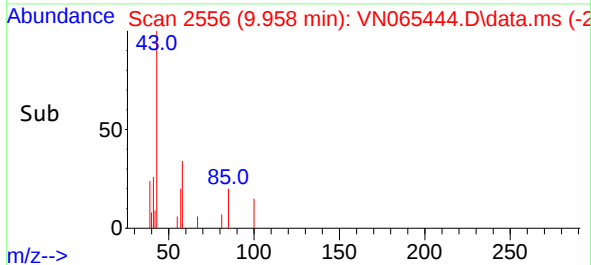
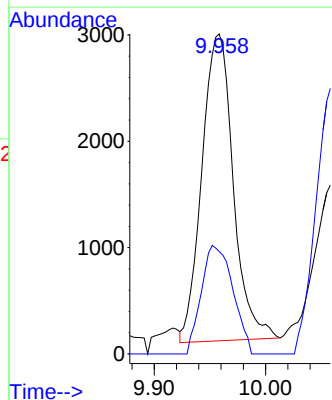
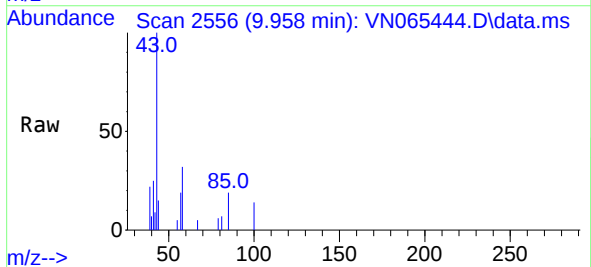
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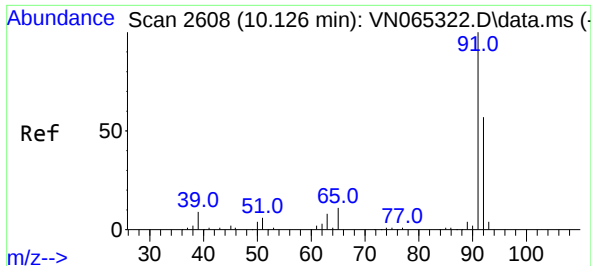
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#51
4-Methyl-2-Pentanone
Concen: 1.37 ug/l
RT: 9.958 min Scan# 2556
Delta R.T. 0.003 min
Lab File: VN065444.D
Acq: 8 Jan 2021 15:25

Tgt Ion: 43 Resp: 5647
Ion Ratio Lower Upper
43 100
58 35.6 32.4 48.6





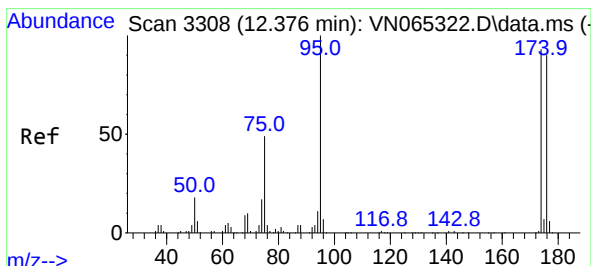
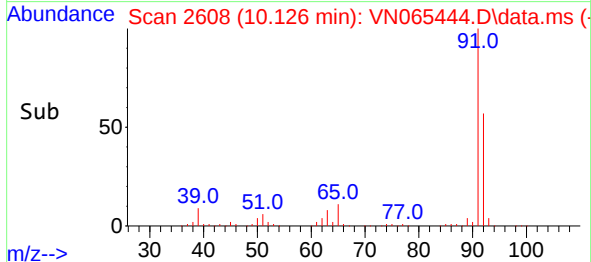
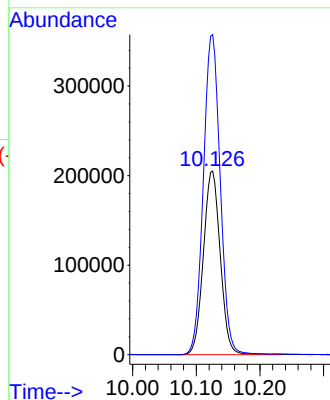
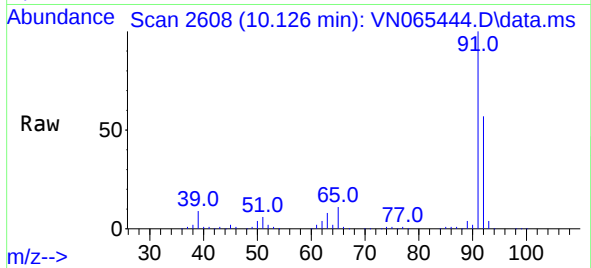
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Toluene
Concen: 46.78 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. -0.000 min
Lab File: VN065444.D
Acq: 8 Jan 2021 15:25

Tgt Ion: 92 Resp: 377053
Ion Ratio Lower Upper
92 100
91 175.0 139.1 208.7

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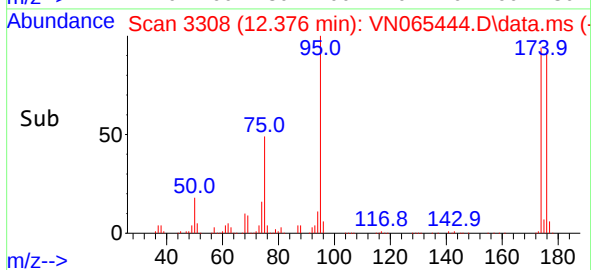
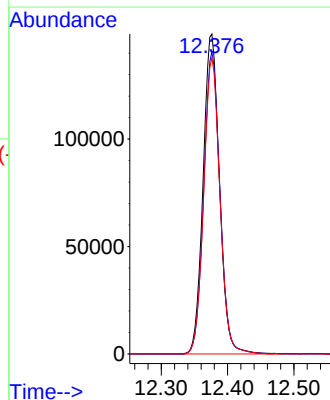
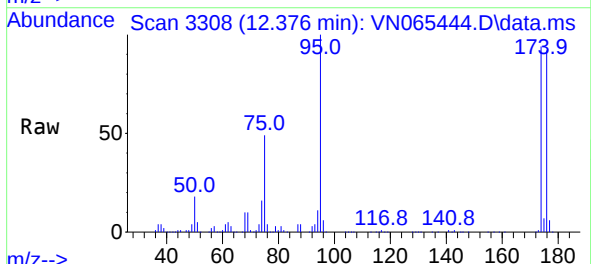
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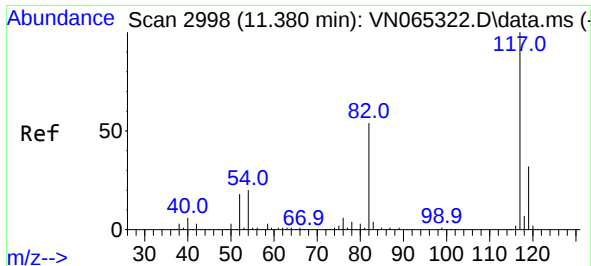
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#62
4-Bromofluorobenzene
Concen: 59.28 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065444.D
Acq: 8 Jan 2021 15:25

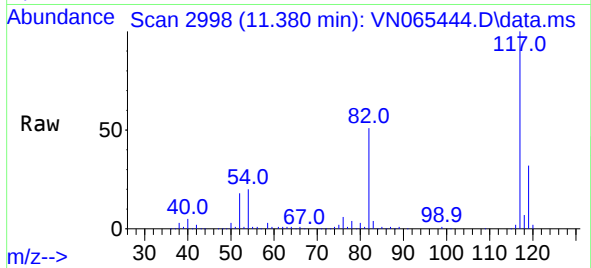
Tgt Ion: 95 Resp: 255099
Ion Ratio Lower Upper
95 100
174 93.7 0.0 160.4
176 91.5 0.0 158.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065444.D
Acq: 8 Jan 2021 15:25

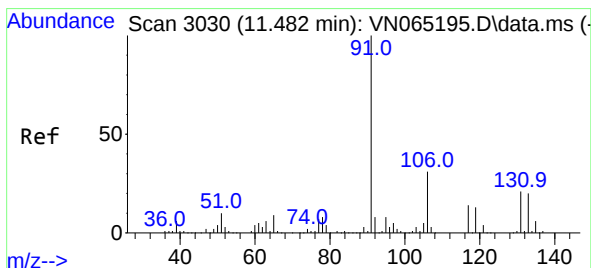
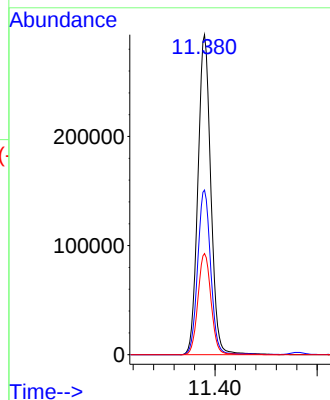
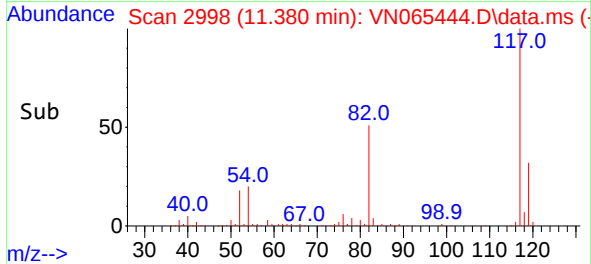
Instrument :
MSVOA_N
ClientSampled :
30732DL



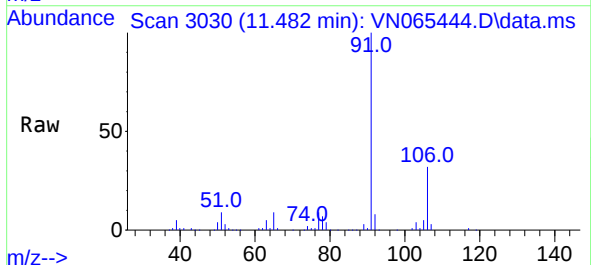
Tgt Ion:117 Resp: 513640
Ion Ratio Lower Upper
117 100
82 51.5 44.2 66.2
119 31.6 25.8 38.6

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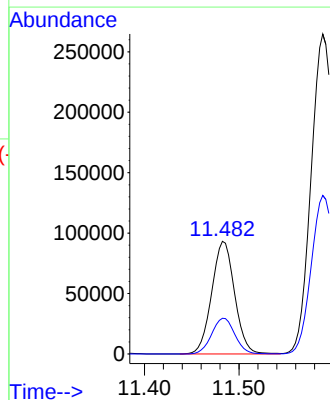
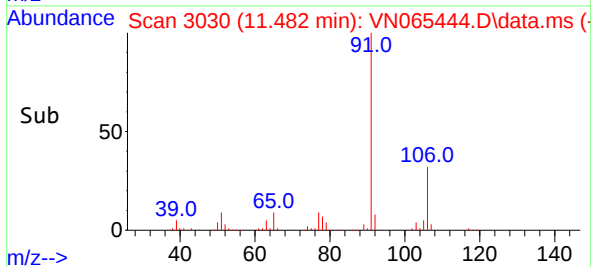
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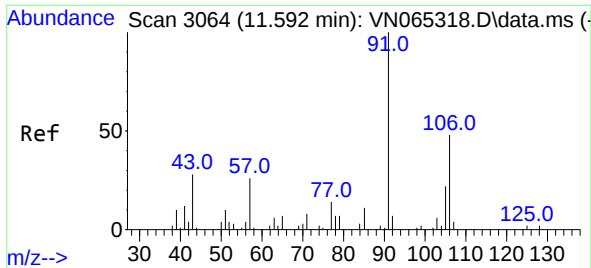


#67
Ethyl Benzene
Concen: 8.33 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VN065444.D
Acq: 8 Jan 2021 15:25



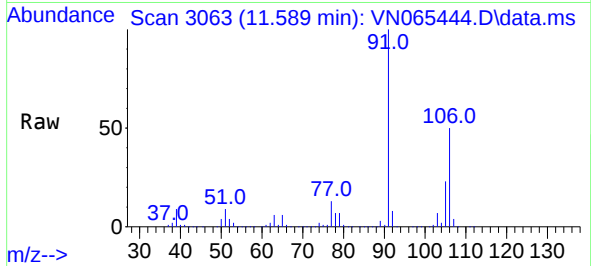
Tgt Ion: 91 Resp: 156930
Ion Ratio Lower Upper
91 100
106 31.7 25.2 37.8





#68
m/p-Xylenes
Concen: 34.12 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.003 min
Lab File: VN065444.D
Acq: 8 Jan 2021 15:25

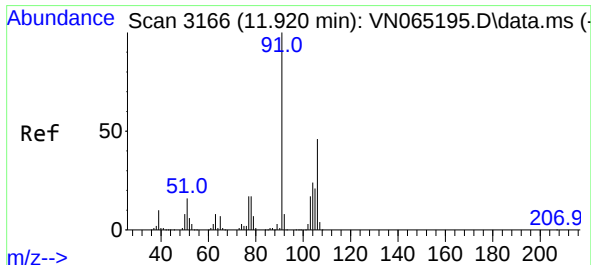
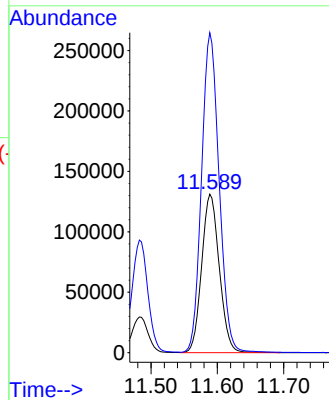
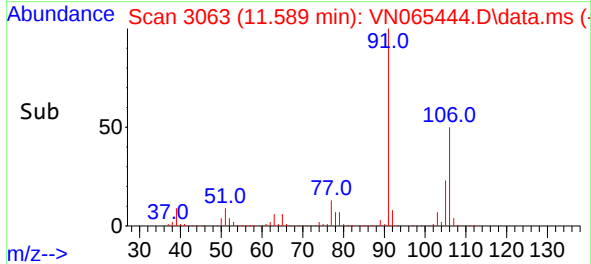
Instrument :
MSVOA_N
ClientSampleId :
30732DL



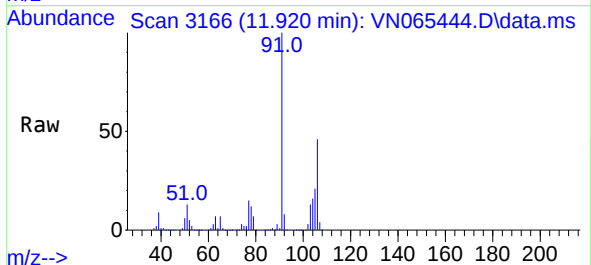
Tgt Ion:106 Resp: 242137
Ion Ratio Lower Upper
106 100
91 200.5 161.0 241.4

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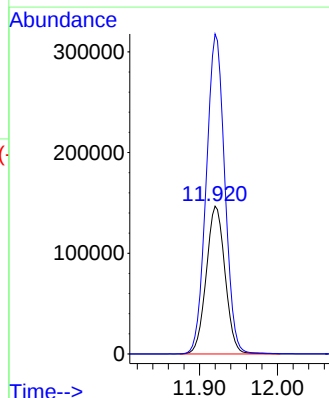
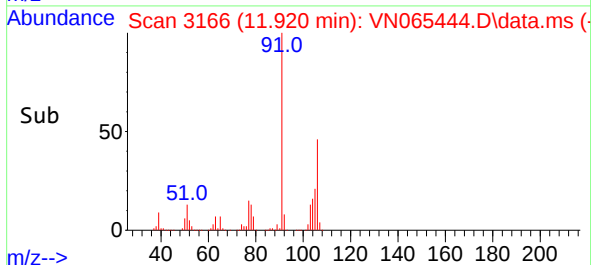
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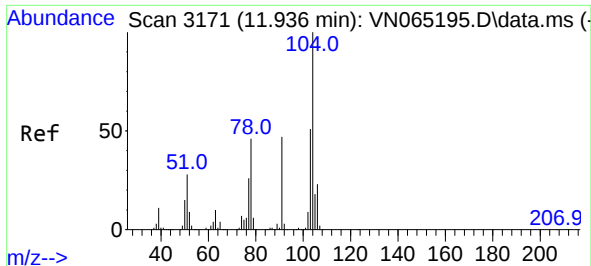


#69
o-Xylene
Concen: 35.63 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. -0.000 min
Lab File: VN065444.D
Acq: 8 Jan 2021 15:25



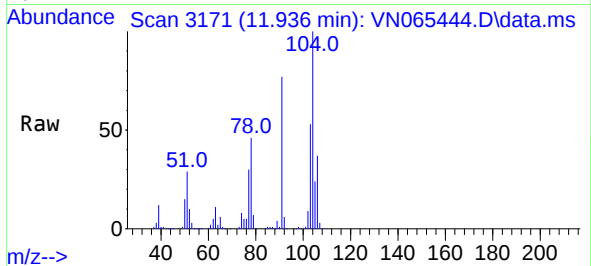
Tgt Ion:106 Resp: 245485
Ion Ratio Lower Upper
106 100
91 214.1 105.5 316.5





#70
Styrene
Concen: 23.06 ug/l
RT: 11.936 min Scan# 3171
Delta R.T. -0.000 min
Lab File: VN065444.D
Acq: 8 Jan 2021 15:25

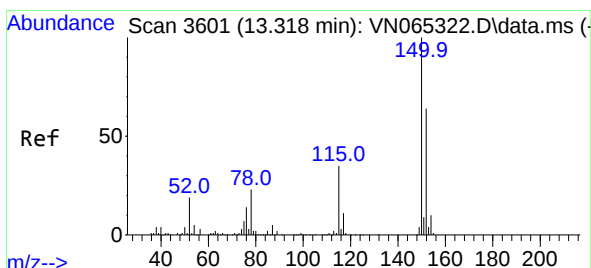
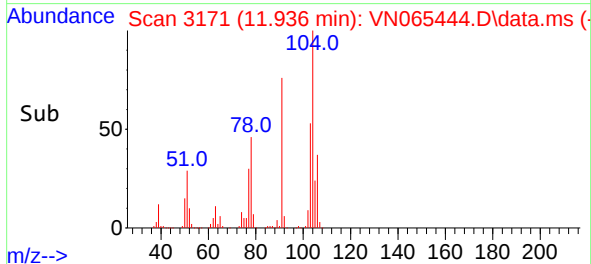
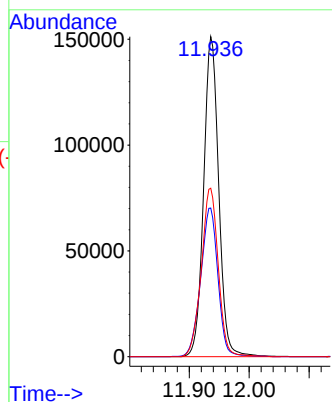
Instrument :
MSVOA_N
ClientSampleId :
30732DL



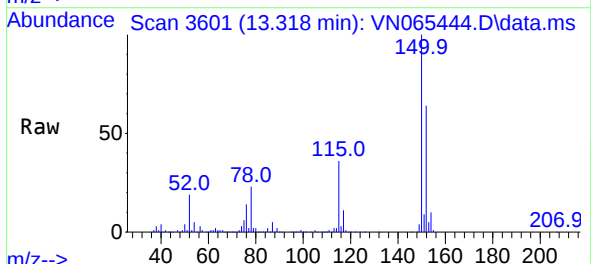
Tgt Ion:104 Resp: 265134
Ion Ratio Lower Upper
104 100
78 53.2 39.0 58.6
103 59.2 44.3 66.5

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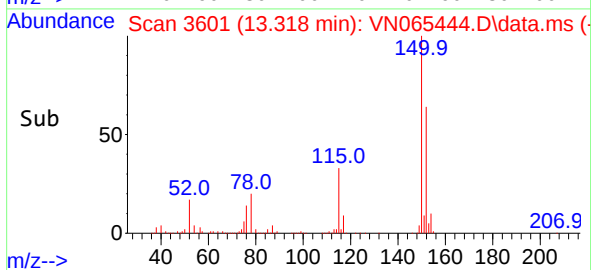
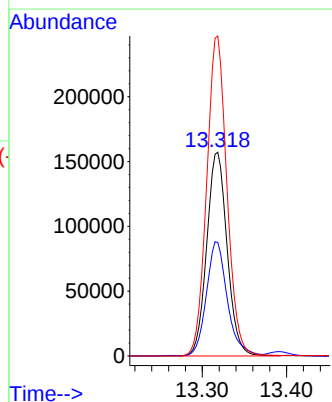
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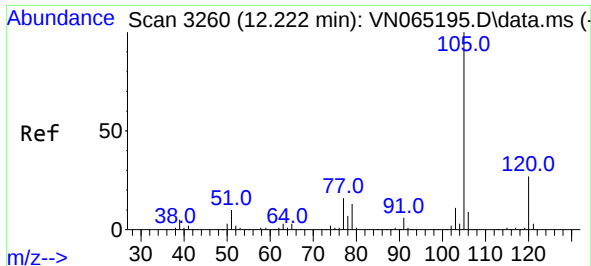


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065444.D
Acq: 8 Jan 2021 15:25



Tgt Ion:152 Resp: 264608
Ion Ratio Lower Upper
152 100
115 57.2 29.7 89.1
150 155.9 0.0 350.6





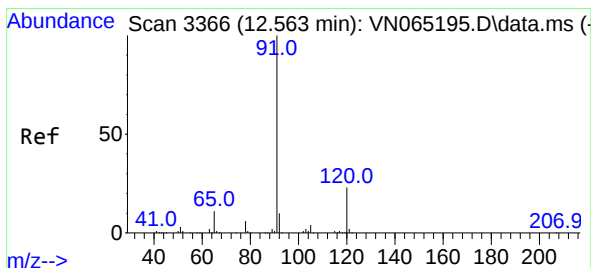
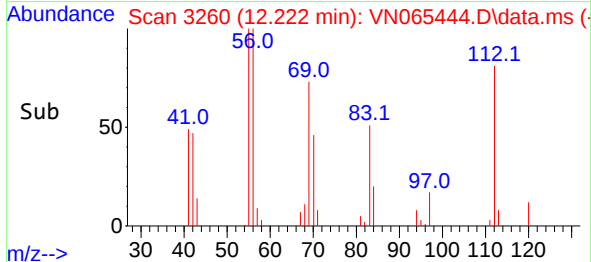
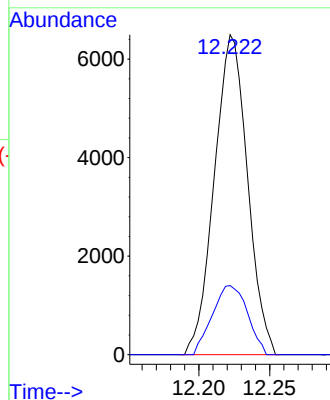
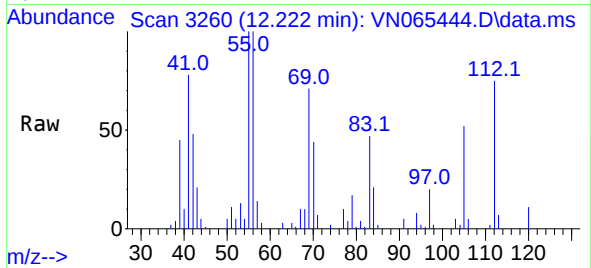
#73
Isopropylbenzene
Concen: 0.52 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. 0.000 min
Lab File: VN065444.D
Acq: 8 Jan 2021 15:25

Tgt Ion: 105 Resp: 10573
Ion Ratio Lower Upper
105 100
120 22.8 13.3 39.9

Instrument :
MSVOA_N
ClientSampled :
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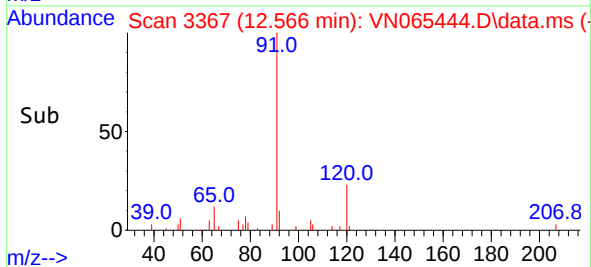
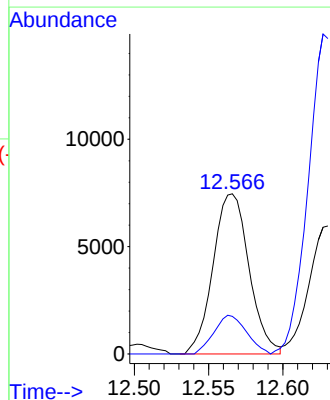
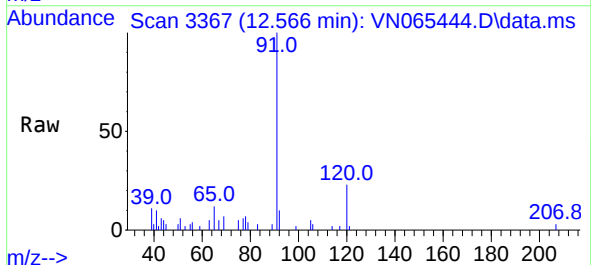
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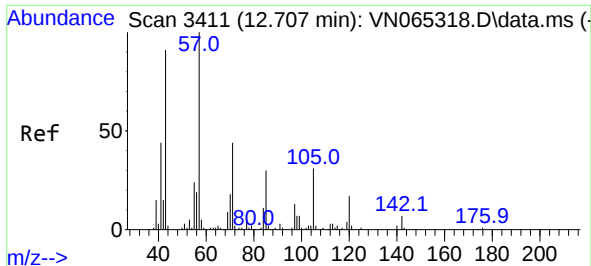
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#78
n-propylbenzene
Concen: 0.55 ug/l
RT: 12.566 min Scan# 3367
Delta R.T. 0.003 min
Lab File: VN065444.D
Acq: 8 Jan 2021 15:25

Tgt Ion: 91 Resp: 12584
Ion Ratio Lower Upper
91 100
120 21.8 11.6 34.7





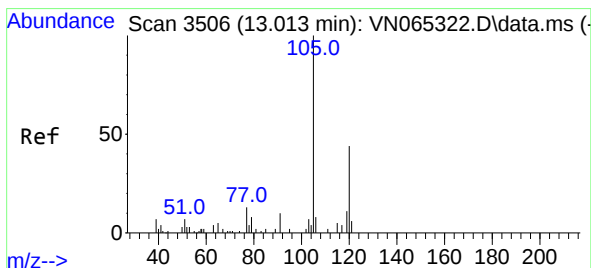
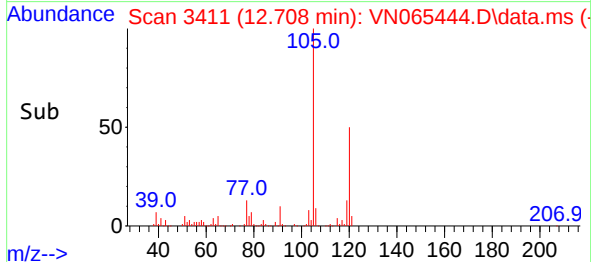
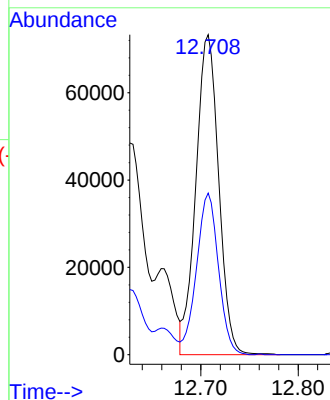
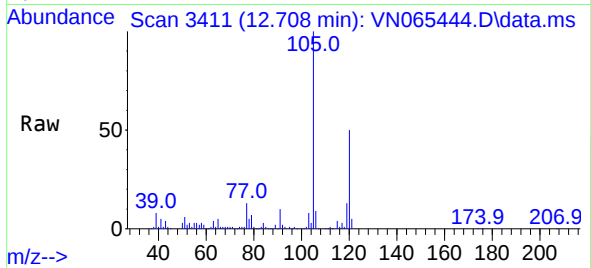
#80
1,3,5-Trimethylbenzene
Concen: 6.93 ug/l
RT: 12.708 min Scan# 3411
Delta R.T. -0.000 min
Lab File: VN065444.D
Acq: 8 Jan 2021 15:25

Tgt Ion:105 Resp: 119052
Ion Ratio Lower Upper
105 100
120 48.6 24.6 73.6

Instrument :
MSVOA_N
ClientSampleId :
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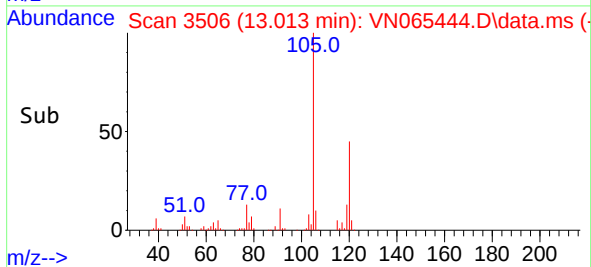
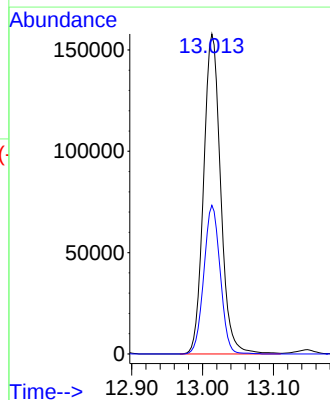
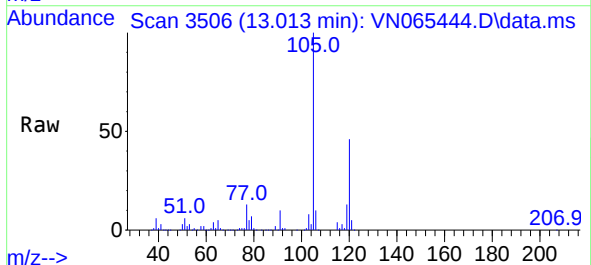
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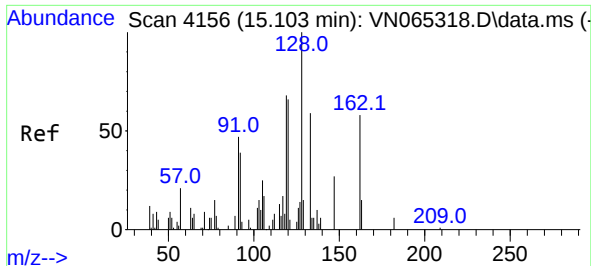
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#84
1,2,4-Trimethylbenzene
Concen: 15.75 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. -0.000 min
Lab File: VN065444.D
Acq: 8 Jan 2021 15:25

Tgt Ion:105 Resp: 263610
Ion Ratio Lower Upper
105 100
120 44.5 23.1 69.2





#95
Naphthalene
Concen: 281.28 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.007 min
Lab File: VN065444.D
Acq: 8 Jan 2021 15:25

Tgt Ion:128 Resp: 4086281

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	11.6	8.7	13.1

Instrument :
MSVOA_N
ClientSampleId :
30732DL

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