

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
 Data File : VN065630.D
 Acq On : 27 Jan 2021 15:23
 Operator : JC/MD
 Sample : M1190-04DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41054DL

Manual Integrations
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 1/28/2021 2:14:05 PM

Quant Time: Jan 28 02:14:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	212495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	367552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	326812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	135871	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	135175	48.35	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.70%		
35) Dibromofluoromethane	7.550	113	108170	49.66	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.32%		
50) Toluene-d8	10.058	98	460154	53.75	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.50%		
62) 4-Bromofluorobenzene	12.373	95	160984	52.22	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.44%		
Target Compounds					Qvalue	
16) Acetone	3.782	43	25484	23.42	ug/l	96
19) Methyl tert-butyl Ether	5.004	73	5714	0.66	ug/l #	82
22) Diisopropyl ether	5.917	45	4978	0.51	ug/l #	81
25) 2-Butanone	6.804	43	3655	2.14	ug/l #	89
39) Methylcyclohexane	9.048	83	3439	0.76	ug/l	91
40) Benzene	8.000	78	102618	9.08	ug/l	100
52) Toluene	10.122	92	557335	83.30	ug/l	99
67) Ethyl Benzene	11.482	91	263327	20.50	ug/l	98
68) m/p-Xylenes	11.588	106	399592	85.94	ug/l	95
69) o-Xylene	11.916	106	223831	49.68	ug/l	94
73) Isopropylbenzene	12.219	105	27450	2.31	ug/l	99
78) n-propylbenzene	12.563	91	105831	7.55	ug/l	96
80) 1,3,5-Trimethylbenzene	12.704	105	160757	15.87	ug/l	98
84) 1,2,4-Trimethylbenzene	13.010	105	686087	67.91	ug/l	99
85) sec-Butylbenzene	13.141	105	11573m	1.01	ug/l	
86) p-Isopropyltoluene	13.260	119	7882	0.78	ug/l	95
89) n-Butylbenzene	13.585	91	14628	1.62	ug/l #	60
95) Naphthalene	15.100	128	167163	21.13	ug/l	99

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

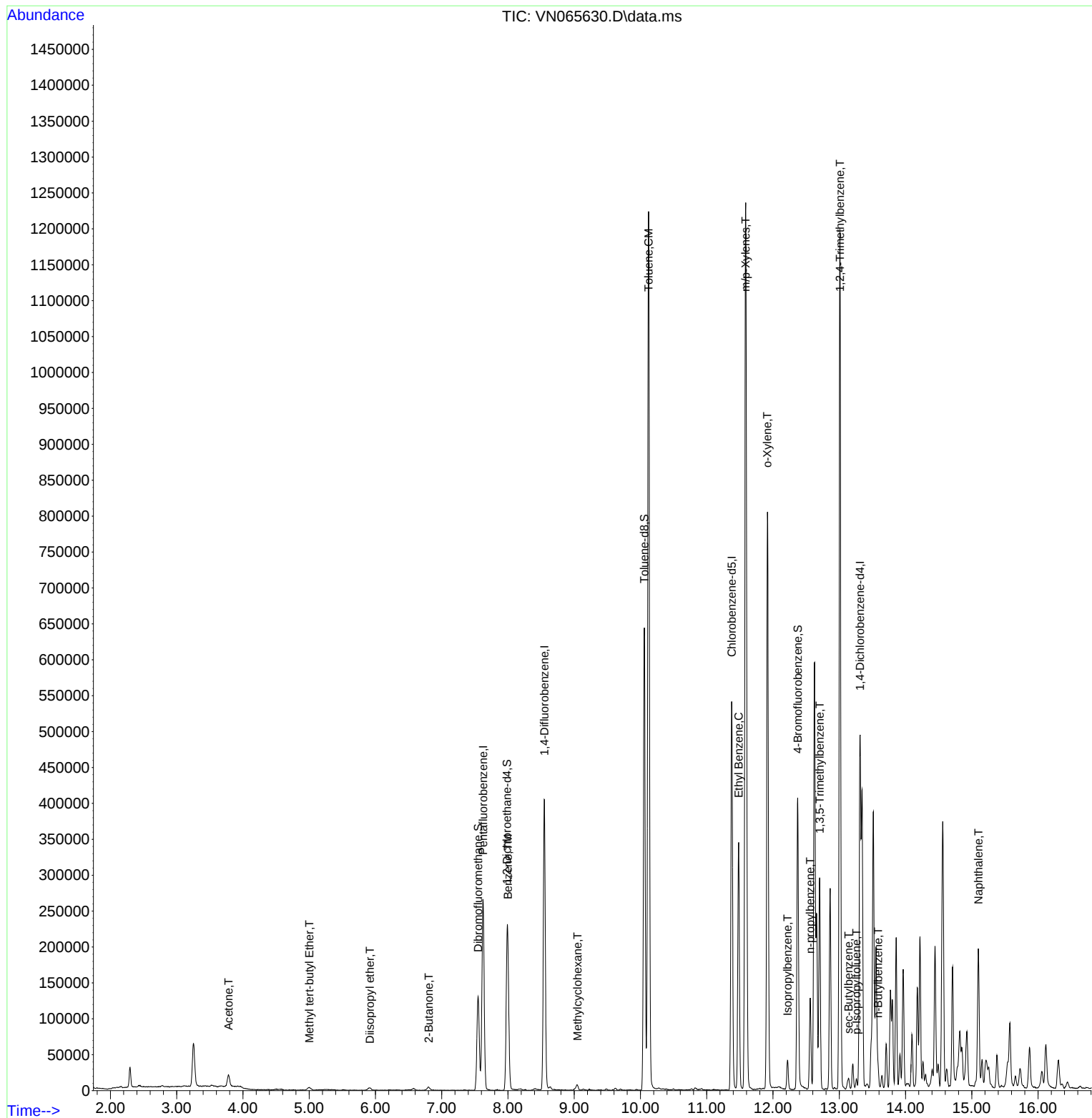
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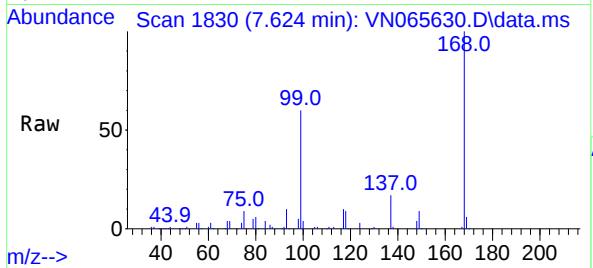
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Quant Time: Jan 28 02:14:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

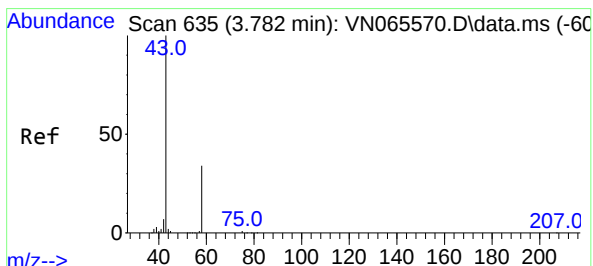
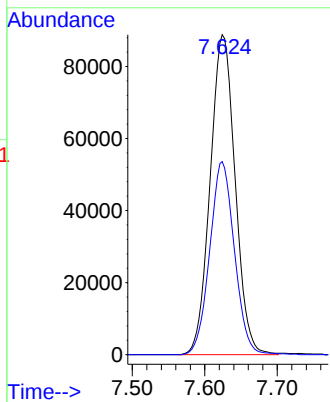
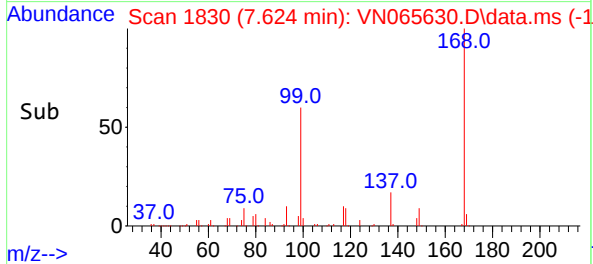




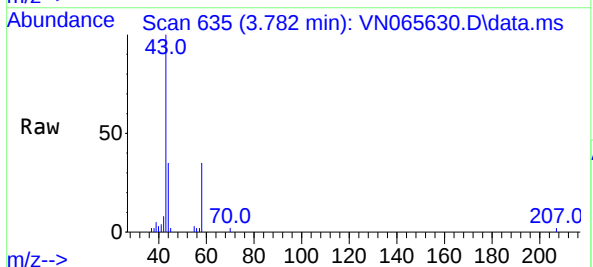
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065630.D
Acq: 27 Jan 2021 15:23



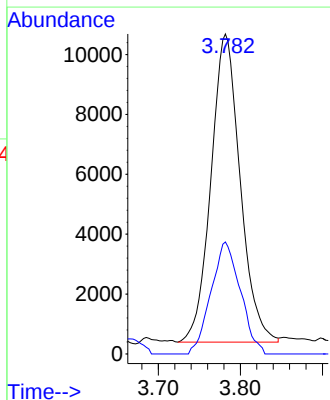
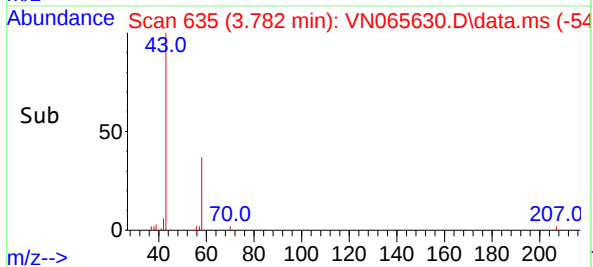
Tgt Ion: 168 Resp: 212495
Ion Ratio Lower Upper
168 100
99 60.4 42.6 63.8



#16
Acetone
Concen: 23.42 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065630.D
Acq: 27 Jan 2021 15:23



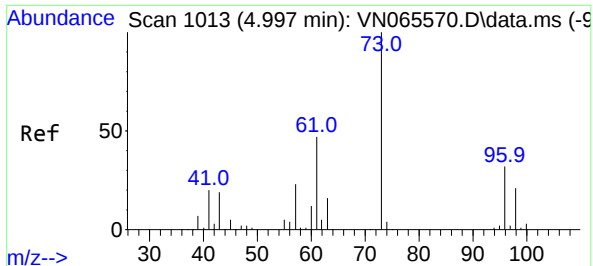
Tgt Ion: 43 Resp: 25484
Ion Ratio Lower Upper
43 100
58 36.3 27.0 40.6



Instrument :
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ClientSampled :
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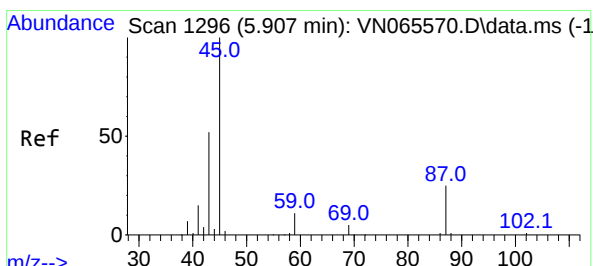
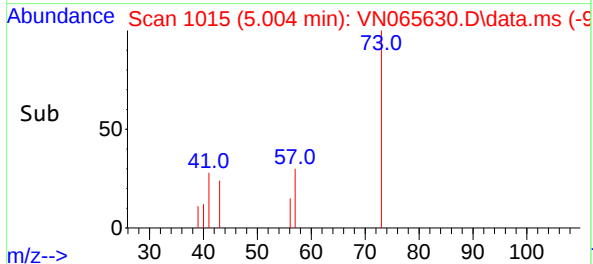
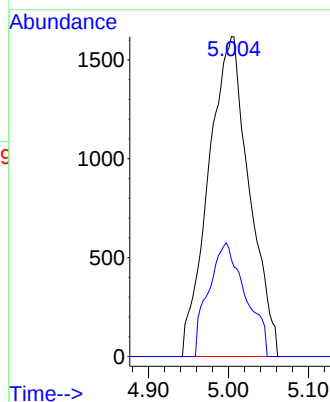
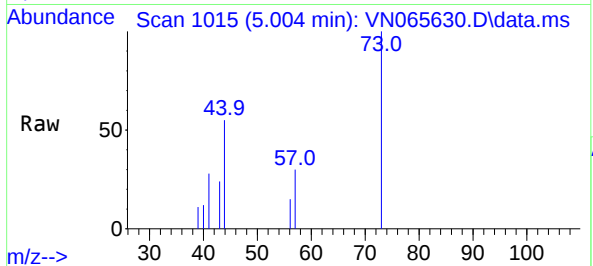
#19
Methyl tert-butyl Ether
Concen: 0.66 ug/l
RT: 5.004 min Scan# 1015
Delta R.T. 0.007 min
Lab File: VN065630.D
Acq: 27 Jan 2021 15:23

Tgt Ion: 73 Resp: 5714
Ion Ratio Lower Upper
73 100
57 30.3 17.3 25.9#

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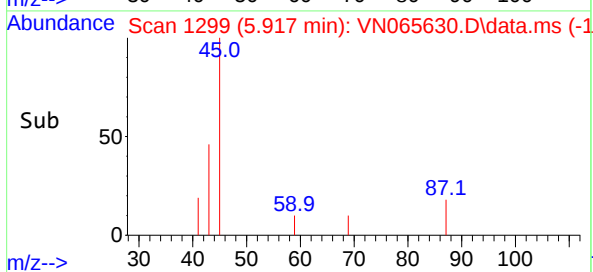
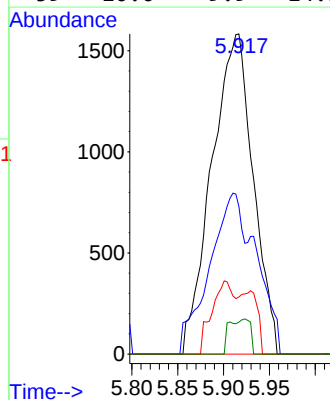
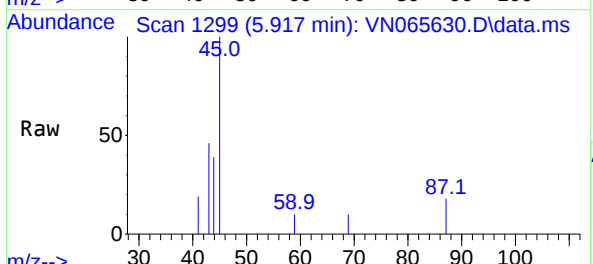
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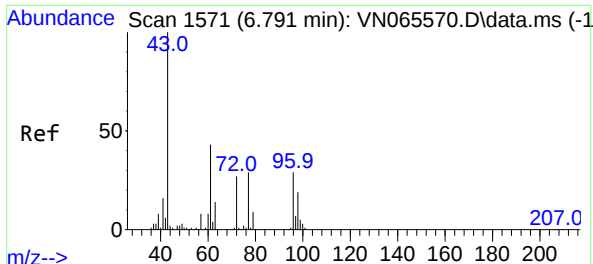
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#22
Diisopropyl ether
Concen: 0.51 ug/l
RT: 5.917 min Scan# 1299
Delta R.T. 0.010 min
Lab File: VN065630.D
Acq: 27 Jan 2021 15:23

Tgt Ion: 45 Resp: 4978
Ion Ratio Lower Upper
45 100
43 46.1 48.9 73.3#
87 17.8 23.7 35.5#
59 10.0 9.9 14.9





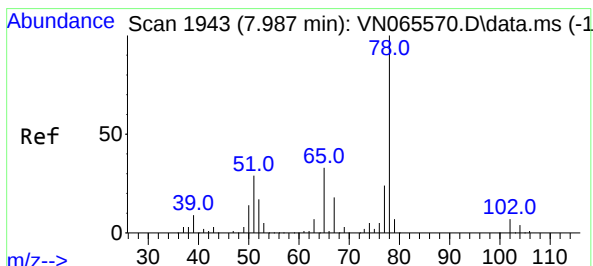
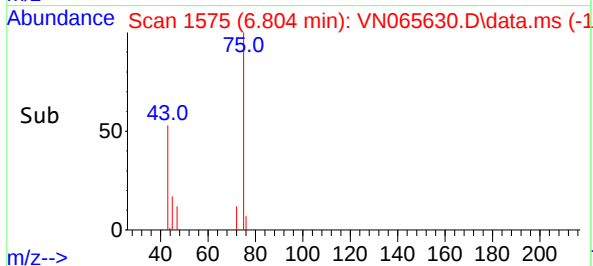
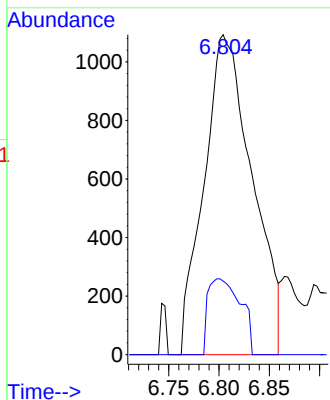
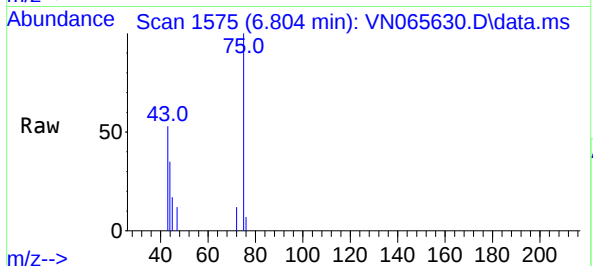
#25
2-Butanone
Concen: 2.14 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.013 min
Lab File: VN065630.D
Acq: 27 Jan 2021 15:23

Tgt Ion: 43 Resp: 3655
Ion Ratio Lower Upper
43 100
72 23.0 23.1 34.7#

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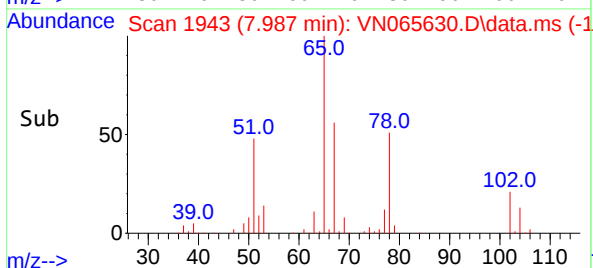
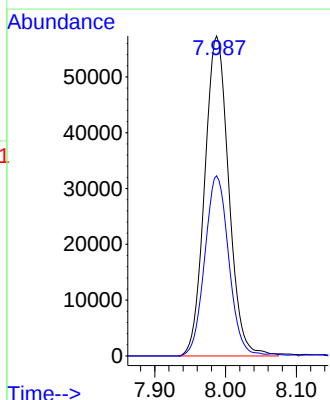
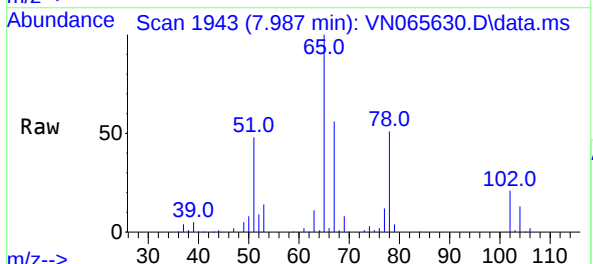
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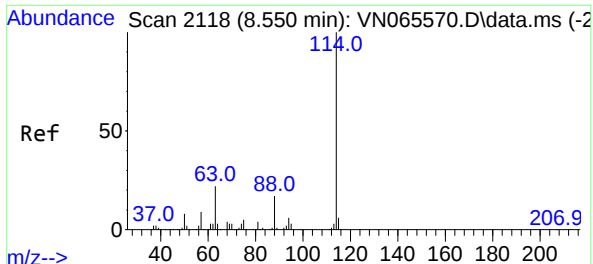
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#33
1,2-Dichloroethane-d4
Concen: 48.35 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065630.D
Acq: 27 Jan 2021 15:23

Tgt Ion: 65 Resp: 135175
Ion Ratio Lower Upper
65 100
67 56.2 0.0 107.2





#34

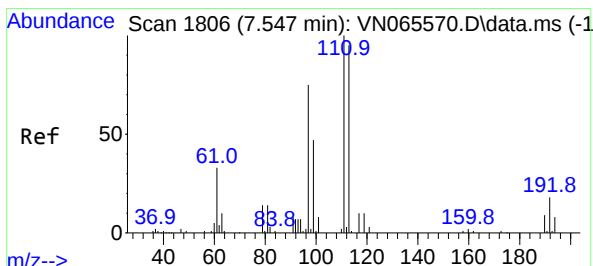
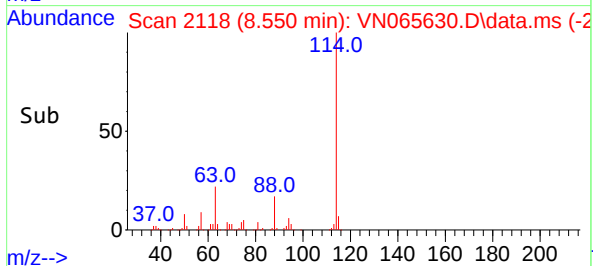
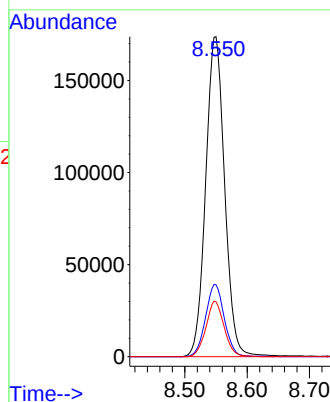
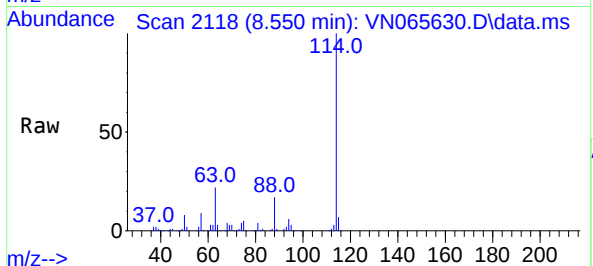
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065630.D
Acq: 27 Jan 2021 15:23

Tgt Ion:114 Resp: 367552
Ion Ratio Lower Upper
114 100
63 22.5 0.0 38.6
88 17.1 0.0 30.6

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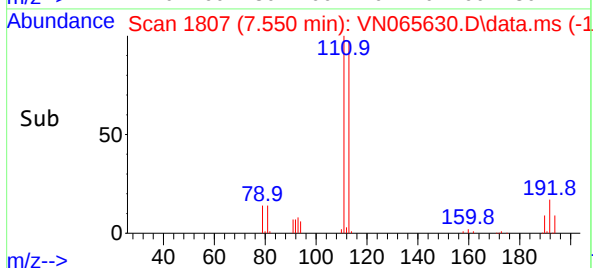
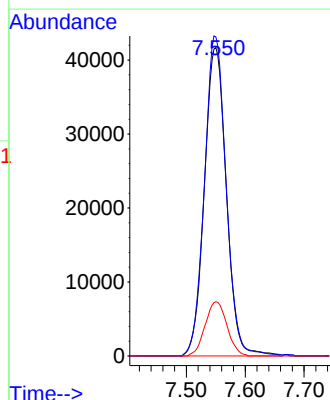
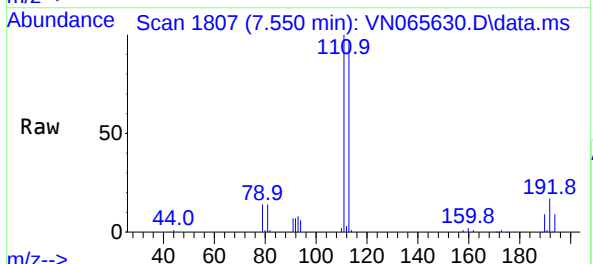
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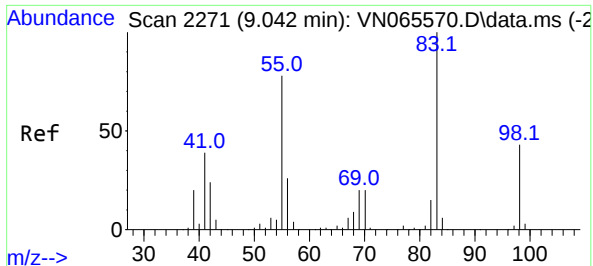


#35

Dibromofluoromethane
Concen: 49.66 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065630.D
Acq: 27 Jan 2021 15:23

Tgt Ion:113 Resp: 108170
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 17.5 15.4 23.0





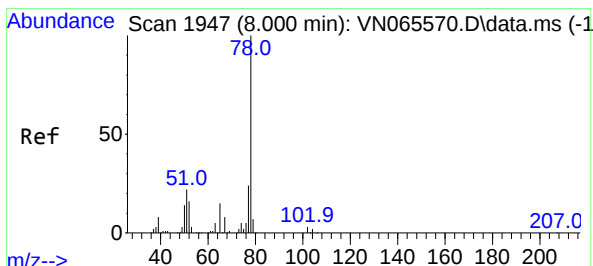
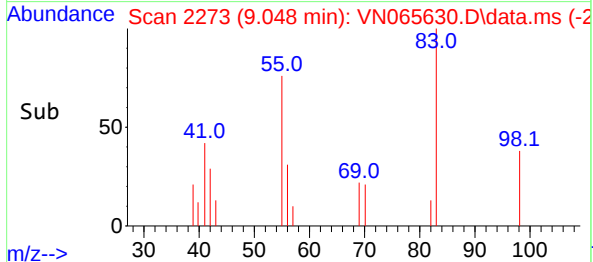
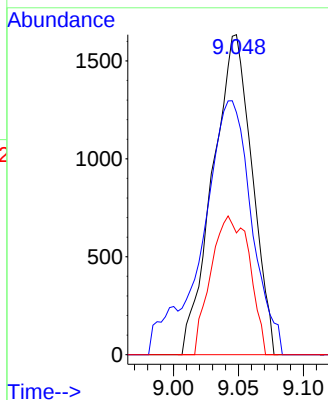
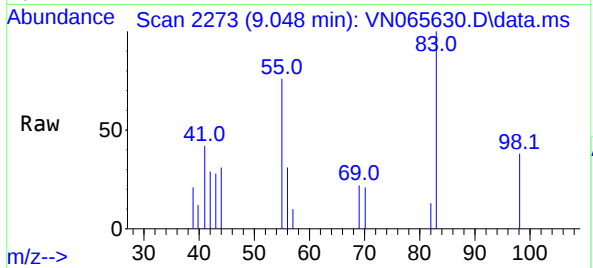
#39
Methylcyclohexane
Concen: 0.76 ug/l
RT: 9.048 min Scan# 2273
Delta R.T. 0.006 min
Lab File: VN065630.D
Acq: 27 Jan 2021 15:23

Tgt Ion: 83	Resp: 3439
Ion Ratio	Lower Upper
83 100	
55 66.3	58.9 88.3
98 38.1	35.9 53.9

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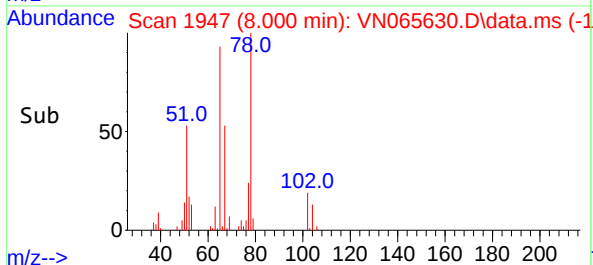
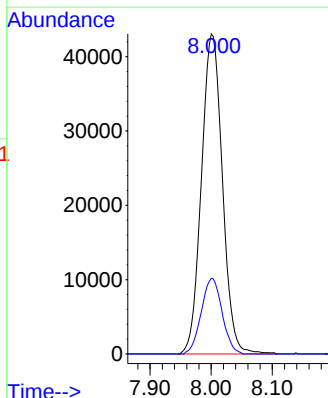
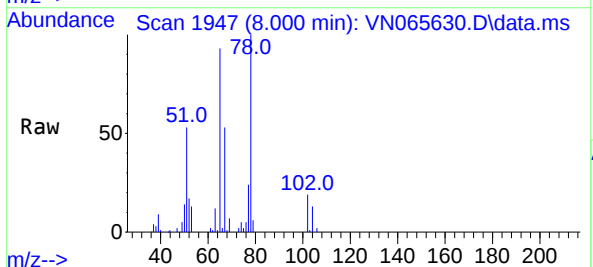
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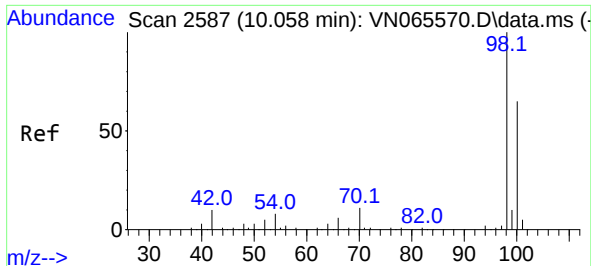
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#40
Benzene
Concen: 9.08 ug/l
RT: 8.000 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VN065630.D
Acq: 27 Jan 2021 15:23

Tgt Ion: 78	Resp: 102618
Ion Ratio	Lower Upper
78 100	
77 23.6	19.0 28.4





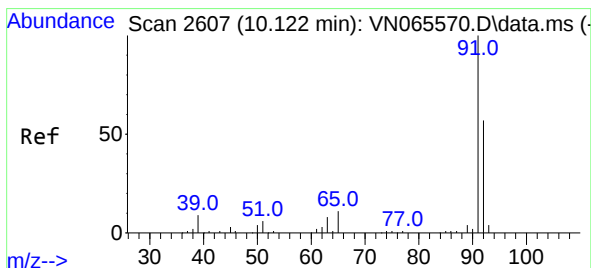
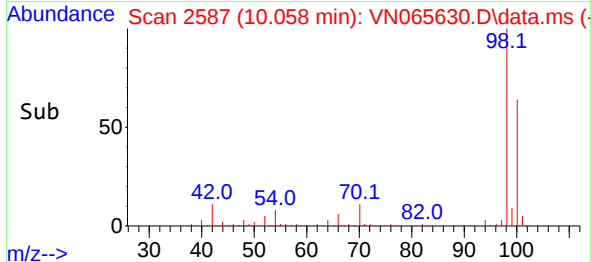
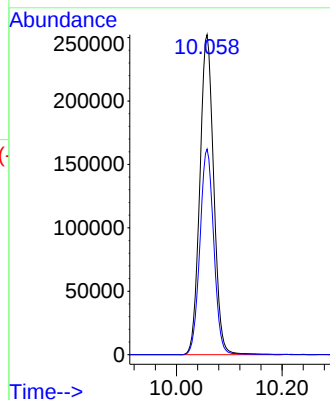
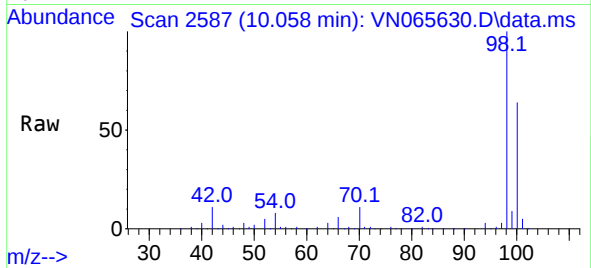
#50
Toluene-d8
Concen: 53.75 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065630.D
Acq: 27 Jan 2021 15:23

Tgt Ion: 98 Resp: 460154
Ion Ratio Lower Upper
98 100
100 64.3 50.5 75.7

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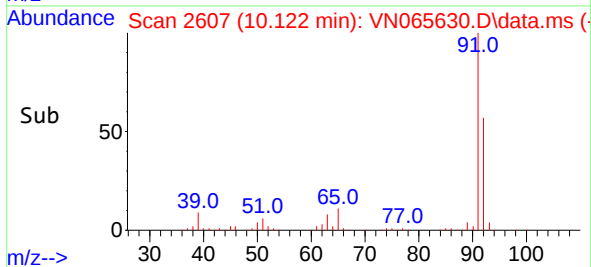
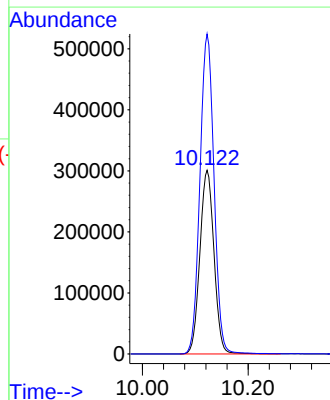
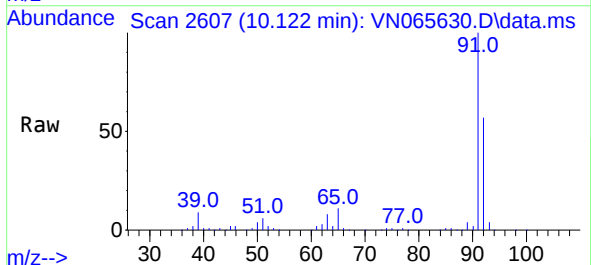
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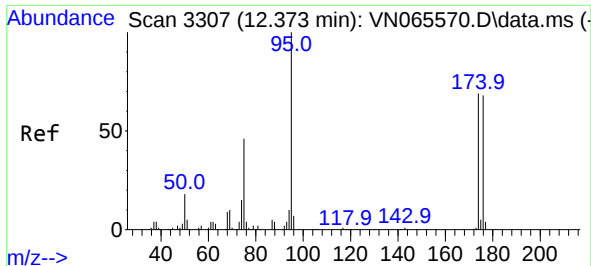
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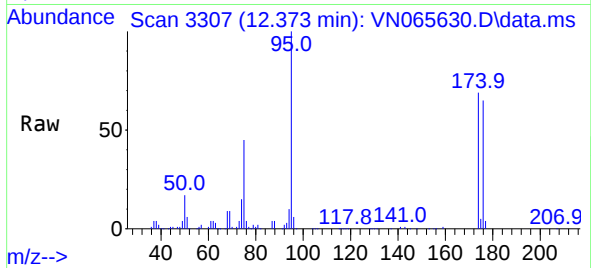
#52
Toluene
Concen: 83.30 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065630.D
Acq: 27 Jan 2021 15:23

Tgt Ion: 92 Resp: 557335
Ion Ratio Lower Upper
92 100
91 174.0 140.7 211.1

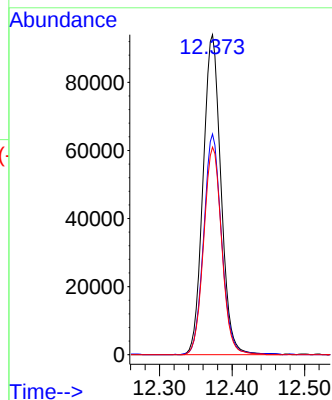
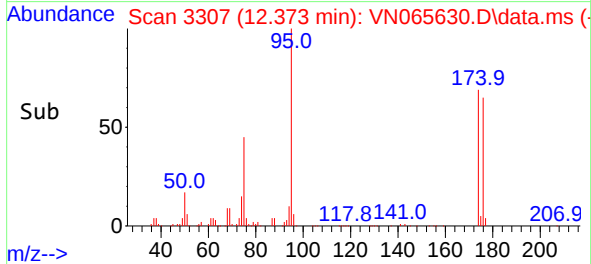




#62
4-Bromofluorobenzene
Concen: 52.22 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065630.D
Acq: 27 Jan 2021 15:23



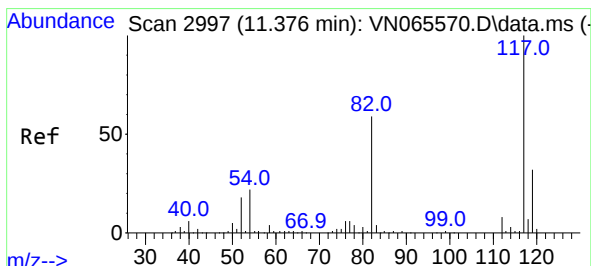
Tgt Ion: 95 Resp: 160984
Ion Ratio Lower Upper
95 100
174 68.9 0.0 169.0
176 65.4 0.0 162.4



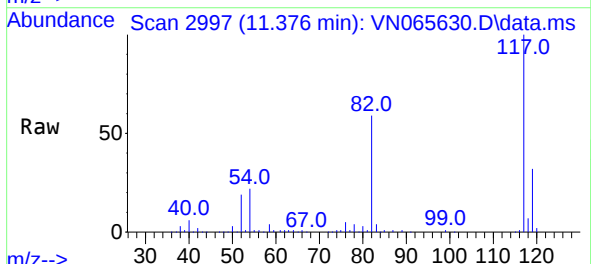
Instrument :
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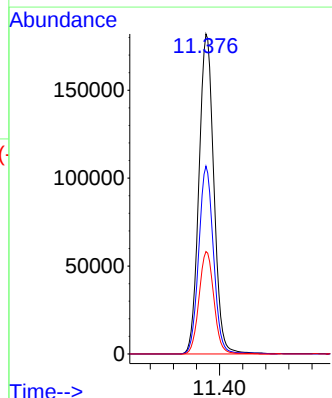
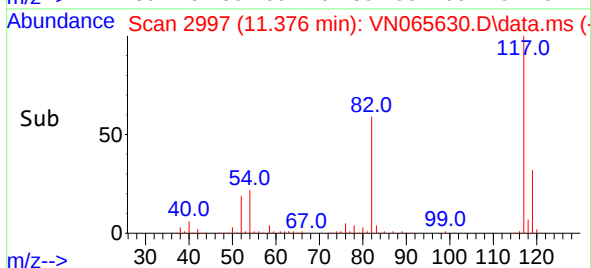
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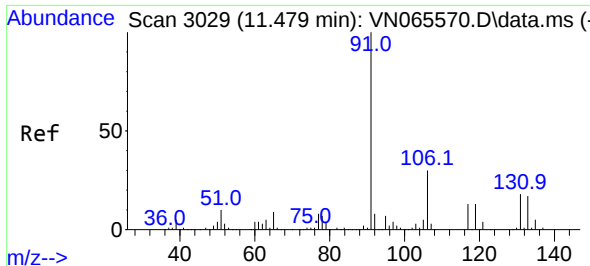


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065630.D
Acq: 27 Jan 2021 15:23



Tgt Ion: 117 Resp: 326812
Ion Ratio Lower Upper
117 100
82 58.7 43.7 65.5
119 32.0 26.1 39.1





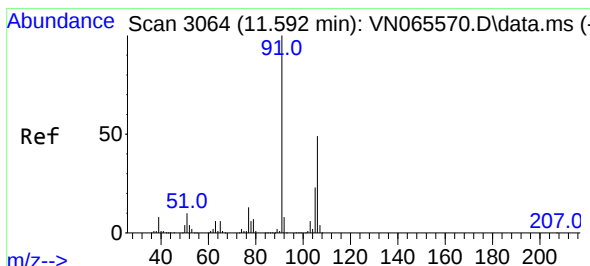
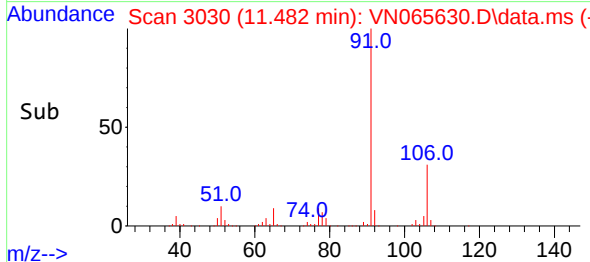
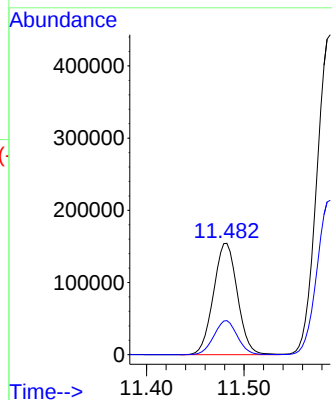
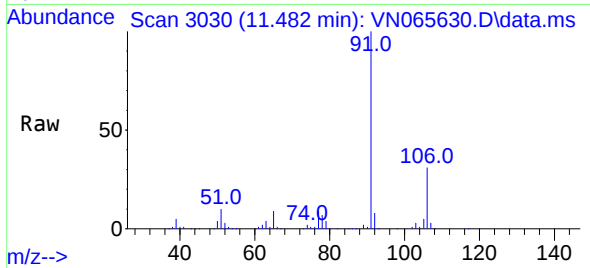
#67
Ethyl Benzene
Concen: 20.50 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.003 min
Lab File: VN065630.D
Acq: 27 Jan 2021 15:23

Tgt Ion: 91 Resp: 263327
Ion Ratio Lower Upper
91 100
106 30.6 25.5 38.3

Instrument :
MSVOA_N
ClientSampled :
41054DL

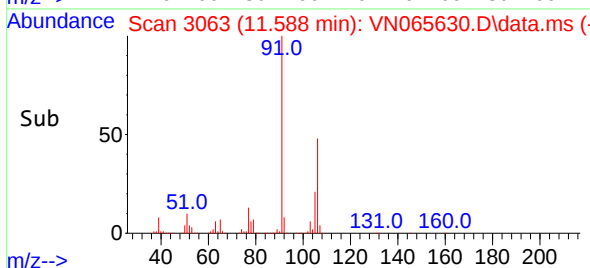
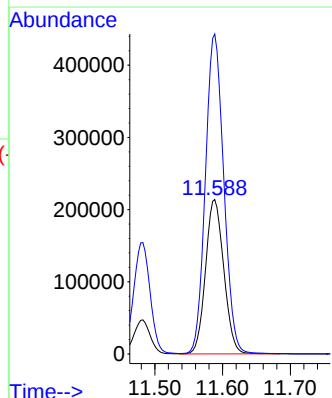
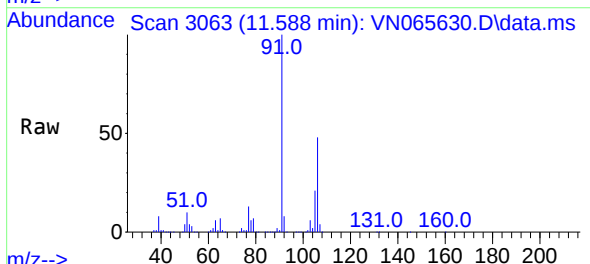
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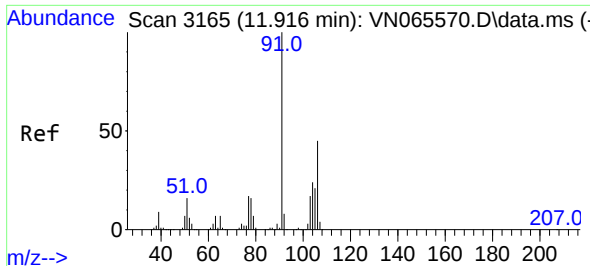
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#68
m/p-Xylenes
Concen: 85.94 ug/l
RT: 11.588 min Scan# 3063
Delta R.T. -0.004 min
Lab File: VN065630.D
Acq: 27 Jan 2021 15:23

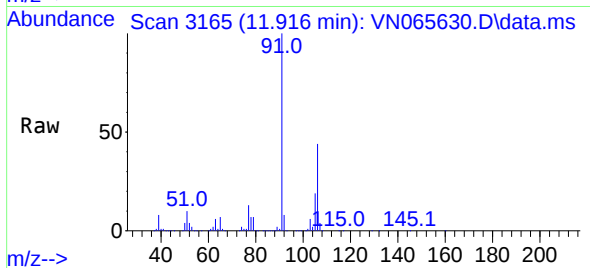
Tgt Ion: 106 Resp: 399592
Ion Ratio Lower Upper
106 100
91 208.8 161.4 242.0





#69
o-Xylene
Concen: 49.68 ug/l
RT: 11.916 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VN065630.D
Acq: 27 Jan 2021 15:23

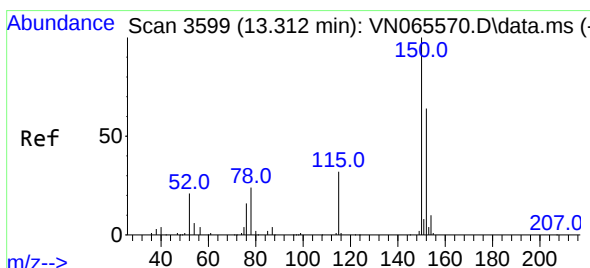
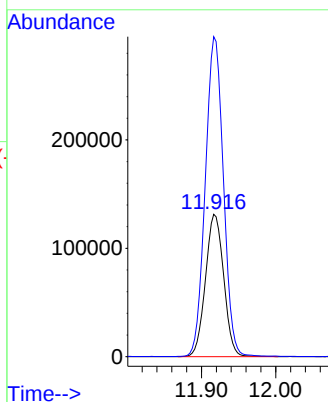
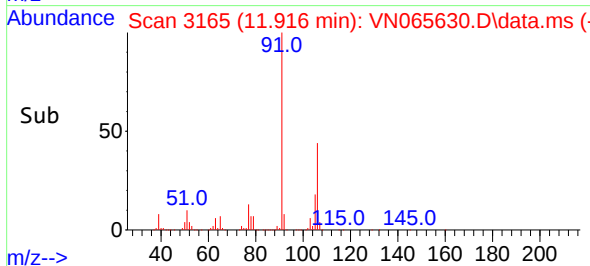
Instrument :
MSVOA_N
ClientSampled :
41054DL



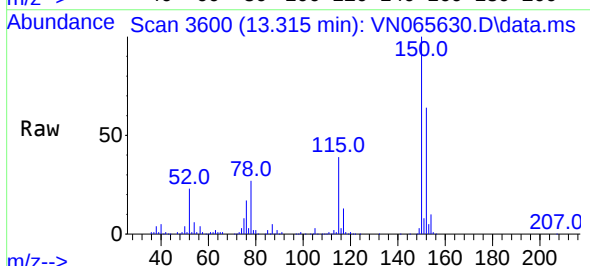
Tgt Ion:106 Resp: 223831
Ion Ratio Lower Upper
106 100
91 222.7 106.8 320.4

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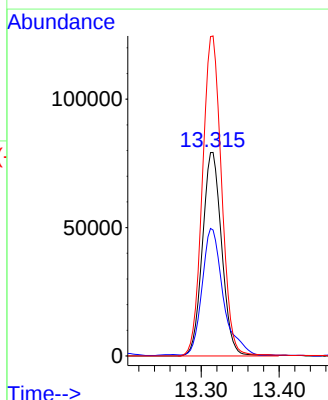
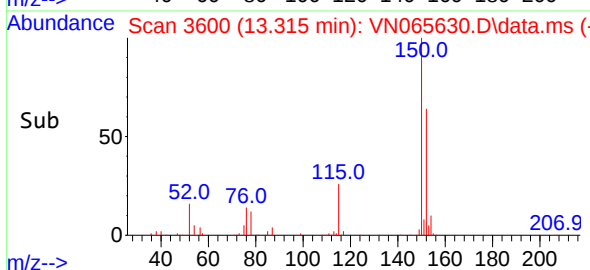
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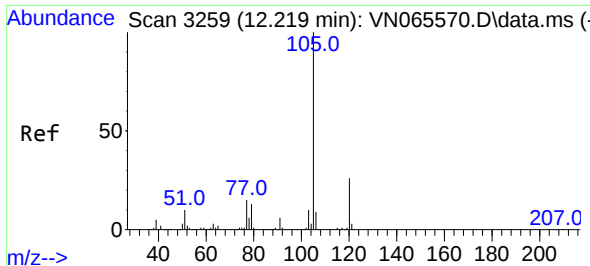


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065630.D
Acq: 27 Jan 2021 15:23



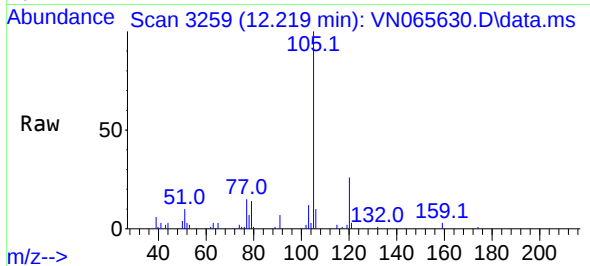
Tgt Ion:152 Resp: 135871
Ion Ratio Lower Upper
152 100
115 67.8 28.5 85.6
150 156.6 0.0 347.6





#73
Isopropylbenzene
Concen: 2.31 ug/l
RT: 12.219 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VN065630.D
Acq: 27 Jan 2021 15:23

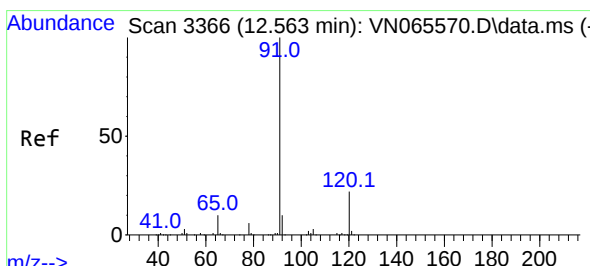
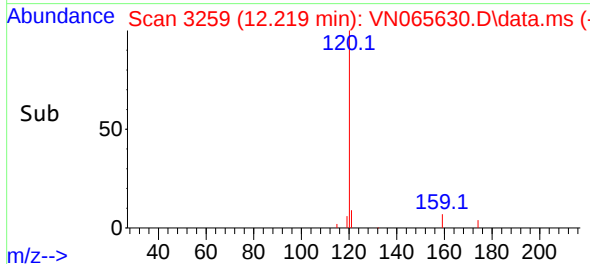
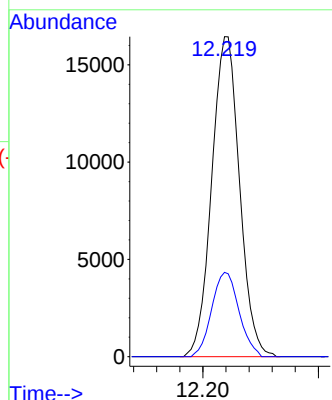
Instrument :
MSVOA_N
ClientSampled :
41054DL



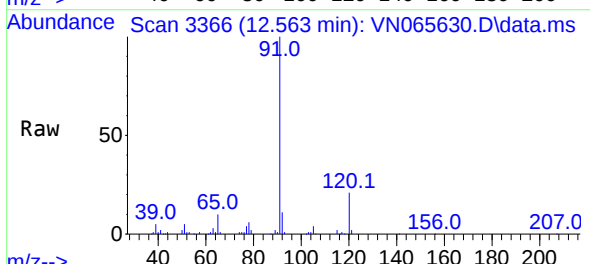
Tgt Ion:105 Resp: 27450
Ion Ratio Lower Upper
105 100
120 25.9 13.3 39.9

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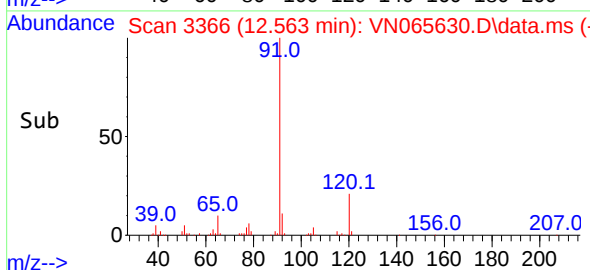
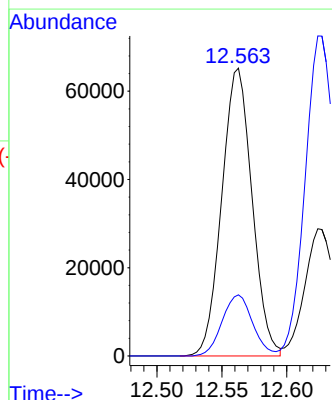
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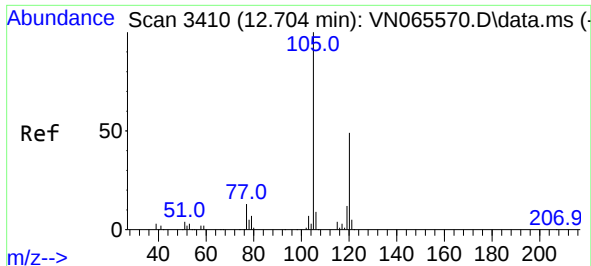


#78
n-propylbenzene
Concen: 7.55 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. -0.000 min
Lab File: VN065630.D
Acq: 27 Jan 2021 15:23



Tgt Ion: 91 Resp: 105831
Ion Ratio Lower Upper
91 100
120 21.4 11.8 35.3





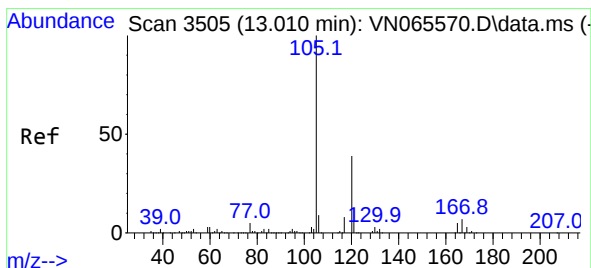
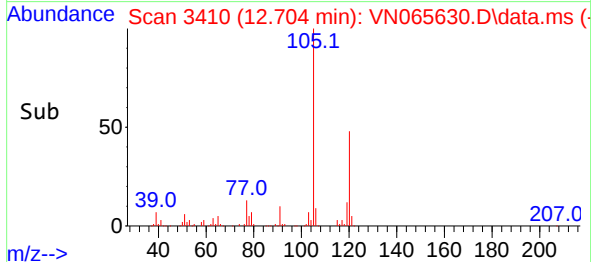
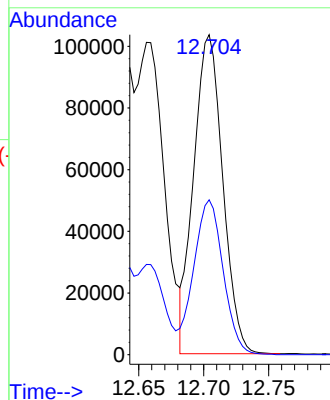
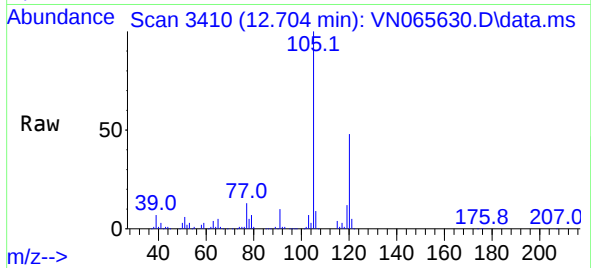
#80
1,3,5-Trimethylbenzene
Concen: 15.87 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065630.D
Acq: 27 Jan 2021 15:23

Tgt Ion:105 Resp: 160757
Ion Ratio Lower Upper
105 100
120 49.7 24.3 72.8

Instrument :
MSVOA_N
ClientSampled :
41054DL

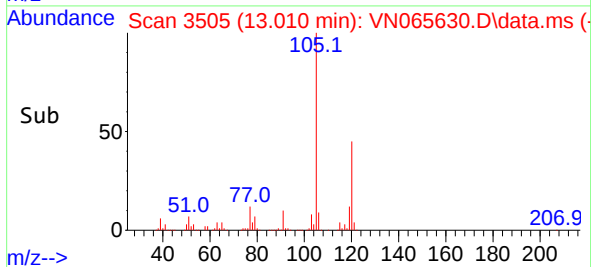
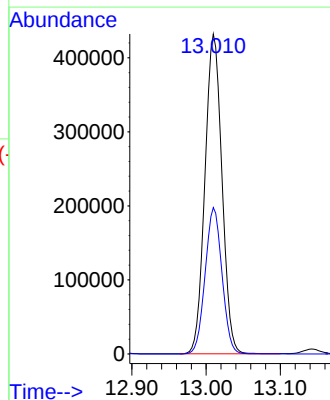
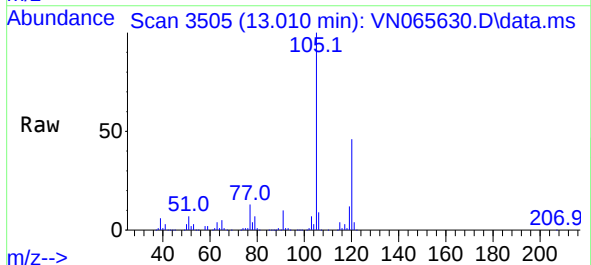
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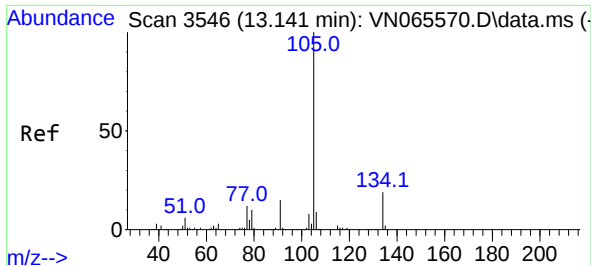
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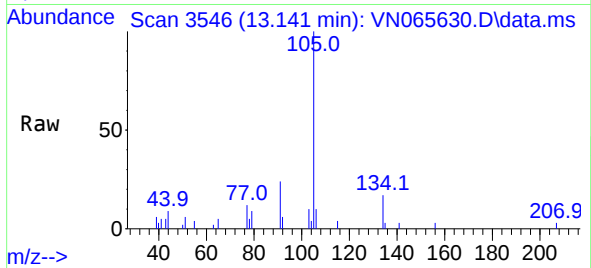
#84
1,2,4-Trimethylbenzene
Concen: 67.91 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN065630.D
Acq: 27 Jan 2021 15:23

Tgt Ion:105 Resp: 686087
Ion Ratio Lower Upper
105 100
120 45.2 22.4 67.0

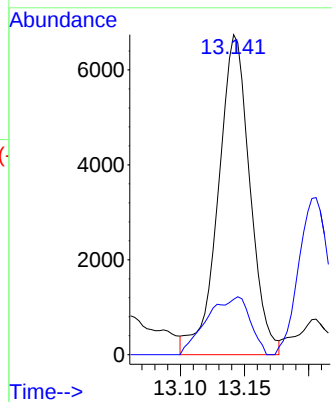
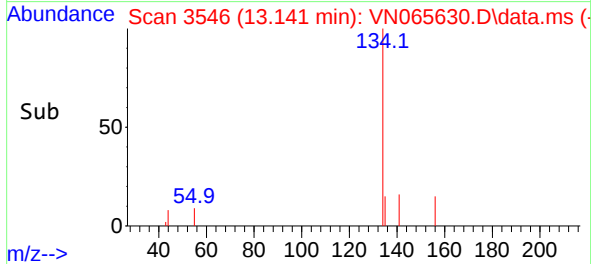




#85
sec-Butylbenzene
Concen: 1.01 ug/l m
RT: 13.141 min Scan# 3546
Delta R.T. 0.000 min
Lab File: VN065630.D
Acq: 27 Jan 2021 15:23



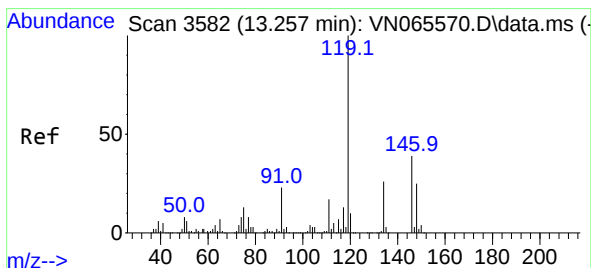
Tgt Ion:105 Resp: 11573
Ion Ratio Lower Upper
105 100
134 0.0 10.0 30.0#



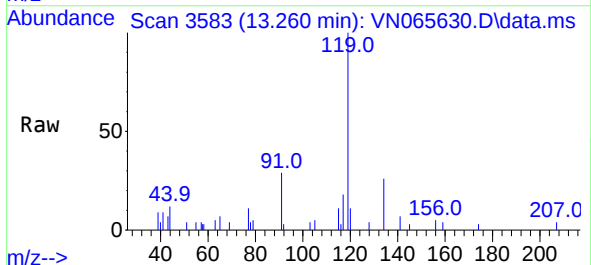
Instrument :
MSVOA_N
ClientSampled :
41054DL

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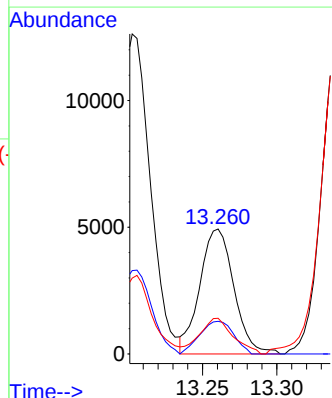
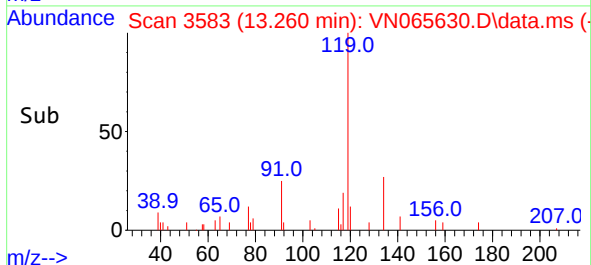
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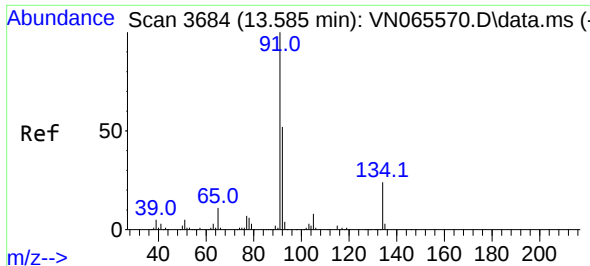


#86
p-Isopropyltoluene
Concen: 0.78 ug/l
RT: 13.260 min Scan# 3583
Delta R.T. 0.003 min
Lab File: VN065630.D
Acq: 27 Jan 2021 15:23

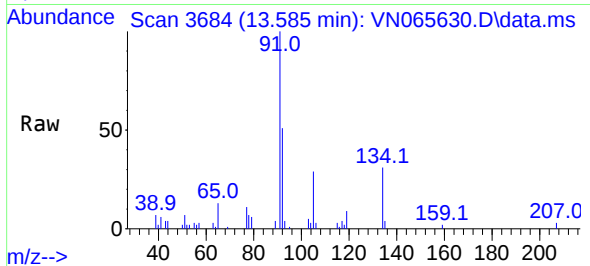


Tgt Ion:119 Resp: 7882
Ion Ratio Lower Upper
119 100
134 26.1 13.3 39.8
91 28.1 11.8 35.3

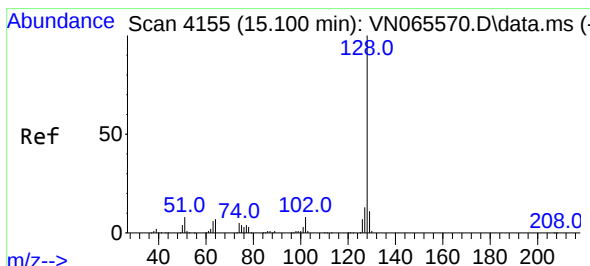
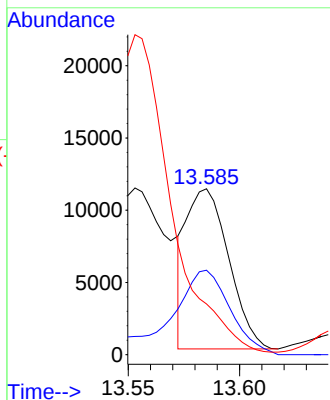
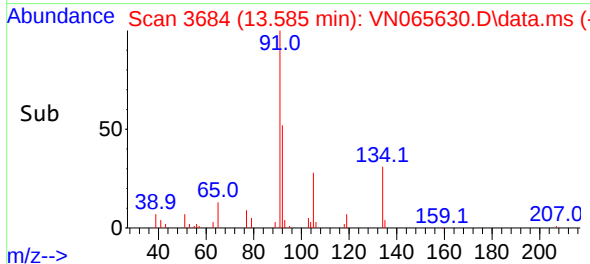




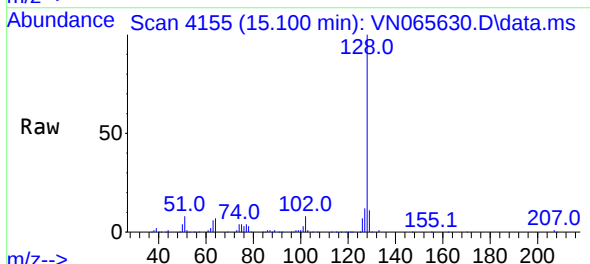
#89
n-Butylbenzene
Concen: 1.62 ug/l
RT: 13.585 min Scan# 3684
Delta R.T. 0.000 min
Lab File: VN065630.D
Acq: 27 Jan 2021 15:23



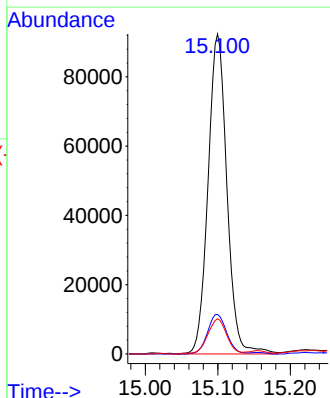
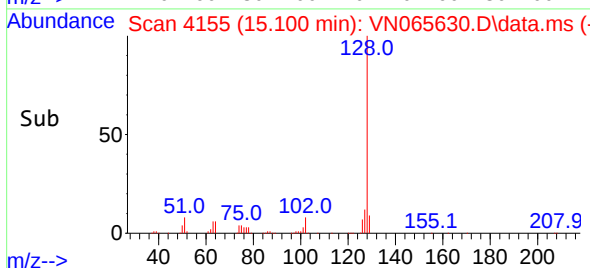
Tgt Ion: 91 Resp: 14628
Ion Ratio Lower Upper
91 100
92 76.1 26.1 78.3
134 0.0 13.0 38.9#



#95
Naphthalene
Concen: 21.13 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. -0.000 min
Lab File: VN065630.D
Acq: 27 Jan 2021 15:23



Tgt Ion: 128 Resp: 167163
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 11.1 8.6 13.0



Instrument :
MSVOA_N
ClientSampled :
41054DL

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