

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010721\
 Data File : VN065432.D
 Acq On : 7 Jan 2021 17:19
 Operator : JC/MD
 Sample : M1022-13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30733

Manual Integrations
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1/8/2021 11:03:11 AM

Quant Time: Jan 08 01:19:53 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	308662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	508570	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	545431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	301455	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.997	65	212712	61.04	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 122.08%			
35) Dibromofluoromethane	7.553	113	153781	50.12	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.24%			
50) Toluene-d8	10.061	98	624072	54.27	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.54%			
62) 4-Bromofluorobenzene	12.376	95	278845	60.16	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 120.32%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.782	59	69121	121.23	ug/l	97
16) Acetone	3.791	43	86480	50.56	ug/l	98
18) Methyl Acetate	4.296	43	10129	3.24	ug/l	95
19) Methyl tert-butyl Ether	5.023	73	2493	0.26	ug/l #	56
25) 2-Butanone	6.814	43	12595	6.44	ug/l	99
37) Ethyl Acetate	6.897	43	6663	1.45	ug/l #	77
39) Methylcyclohexane	9.052	83	6403	1.15	ug/l	94
40) Benzene	8.007	78	9689814	704.38	ug/l #	64
51) 4-Methyl-2-Pentanone	9.955	43	22787	5.13	ug/l	100
52) Toluene	10.126	92	5914890	682.20	ug/l #	73
67) Ethyl Benzene	11.482	91	2025383	101.24	ug/l	99
68) m/p-Xylenes	11.592	106	2789197	370.09	ug/l	88
69) o-Xylene	11.923	106	2342322	320.15	ug/l	89
70) Styrene	11.939	104	4628592	379.16	ug/l	95
73) Isopropylbenzene	12.222	105	51680	2.25	ug/l	98
78) n-propylbenzene	12.566	91	57065	2.20	ug/l	99
80) 1,3,5-Trimethylbenzene	12.707	105	481203	24.58	ug/l	99
84) 1,2,4-Trimethylbenzene	13.013	105	1342554	70.43	ug/l	97
89) n-Butylbenzene	13.588	91	8971m	0.52	ug/l	
95) Naphthalene	15.106	128	13361281	801.01	ug/l #	43

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

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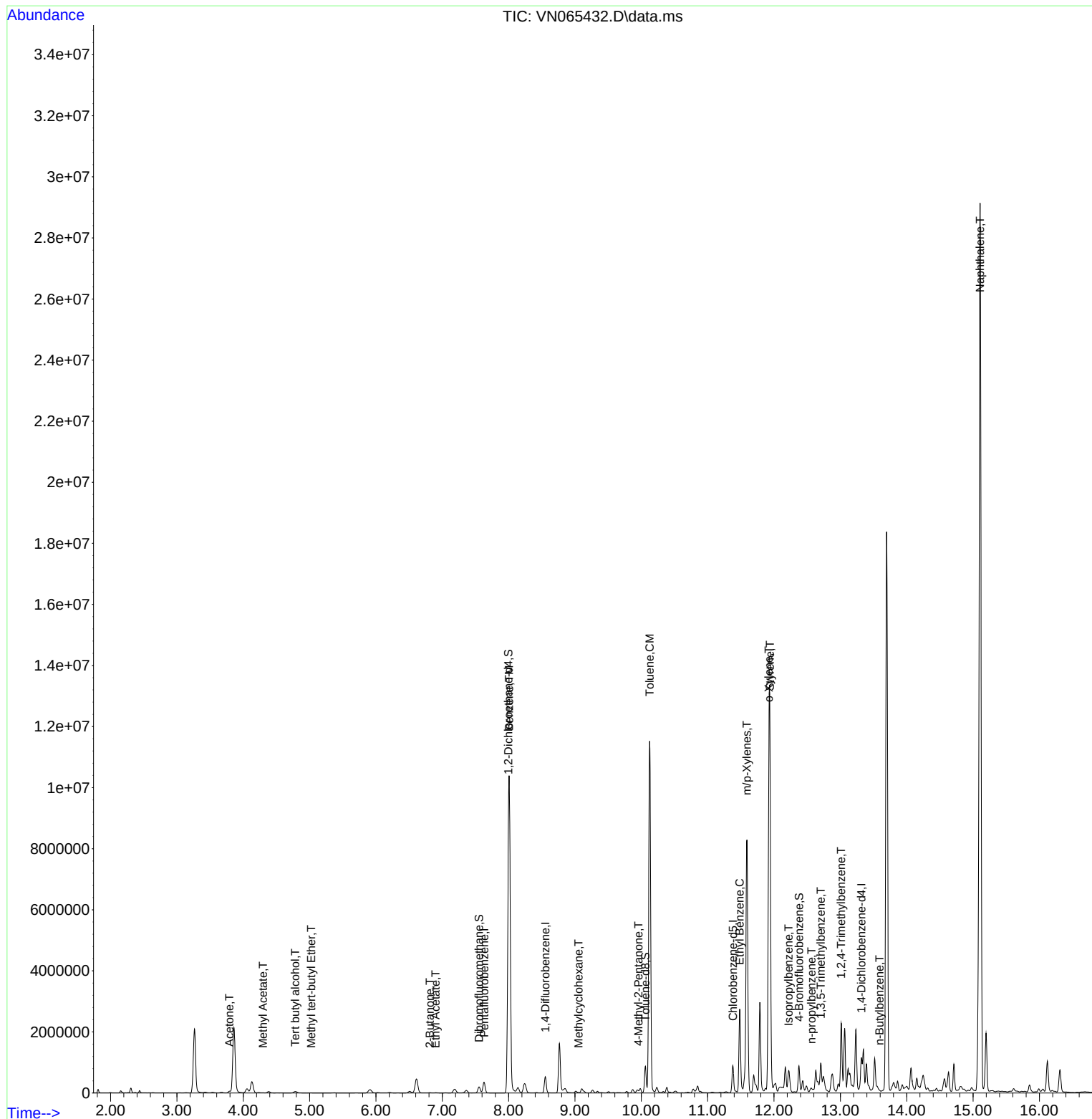
Instrument :
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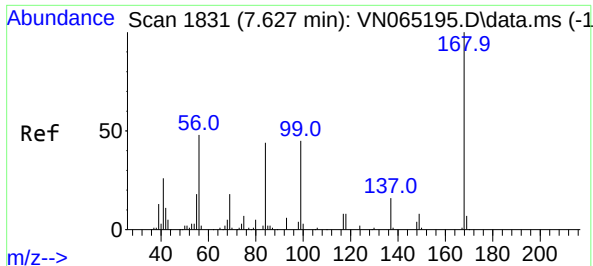
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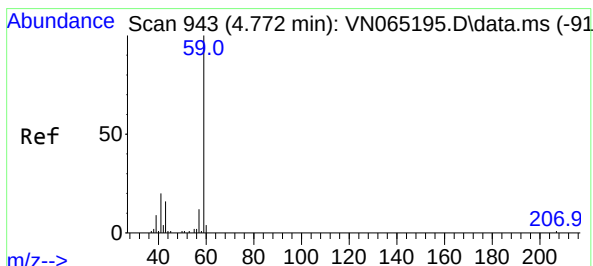
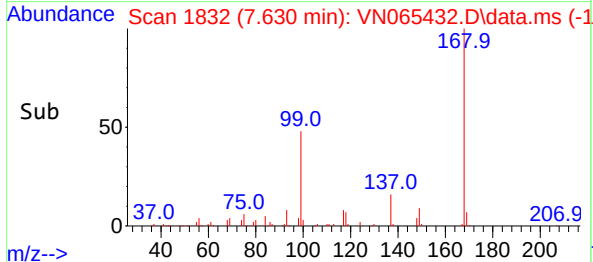
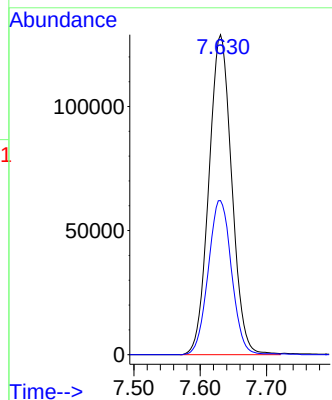
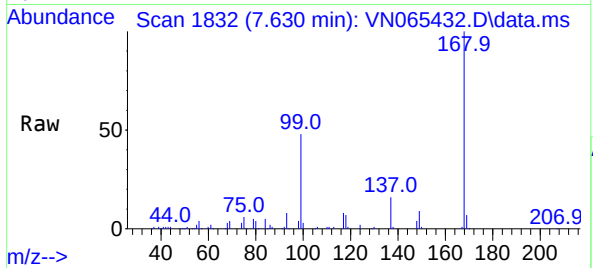
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 22 15:42:18 2020
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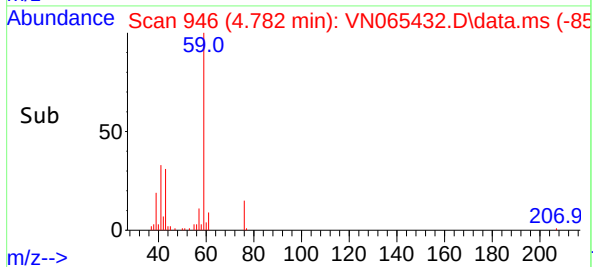
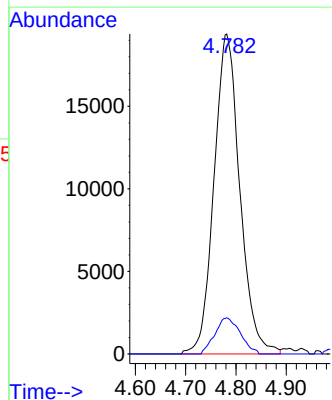
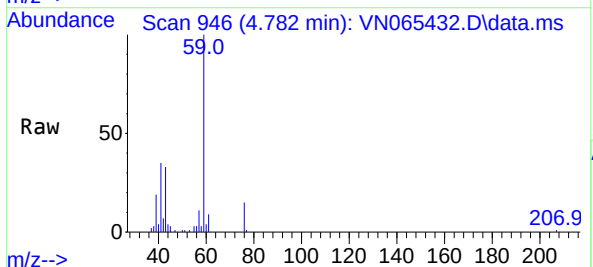
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065432.D
Acq: 7 Jan 2021 17:19

Tgt Ion:168 Resp: 308662
Ion Ratio Lower Upper
168 100
99 48.2 43.0 64.4



#11
Tert butyl alcohol
Concen: 121.23 ug/l
RT: 4.782 min Scan# 946
Delta R.T. 0.010 min
Lab File: VN065432.D
Acq: 7 Jan 2021 17:19

Tgt Ion: 59 Resp: 69121
Ion Ratio Lower Upper
59 100
57 11.1 7.9 11.9

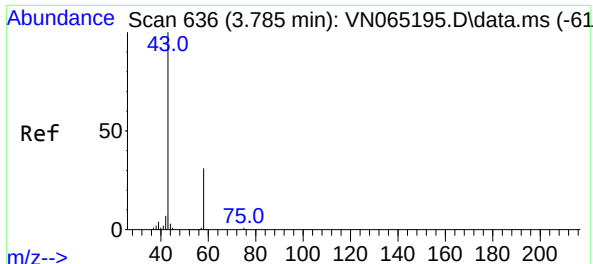


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#16
Acetone
Concen: 50.56 ug/l
RT: 3.791 min Scan# 638
Delta R.T. 0.006 min
Lab File: VN065432.D
Acq: 7 Jan 2021 17:19

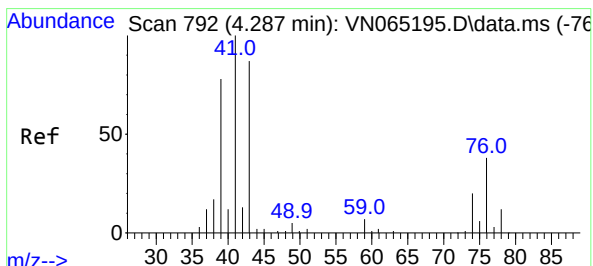
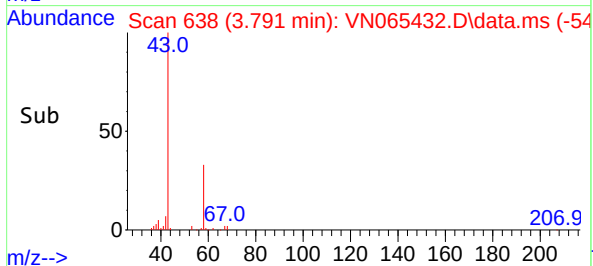
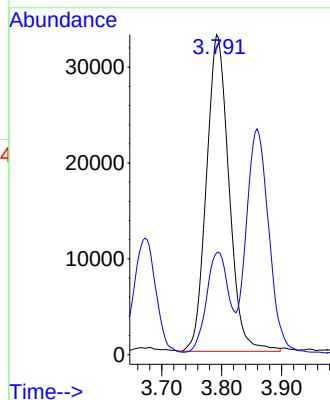
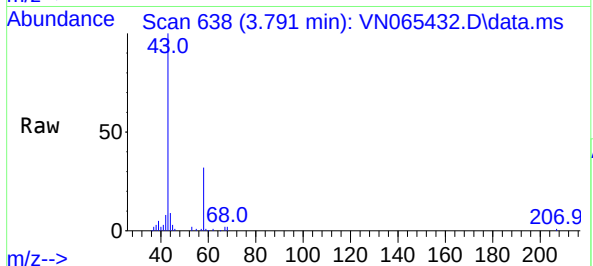
Tgt Ion: 43 Resp: 86480
Ion Ratio Lower Upper
43 100
58 31.2 25.7 38.5

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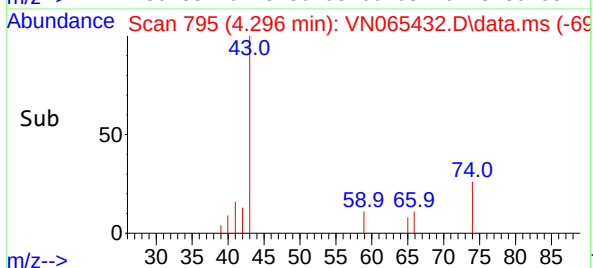
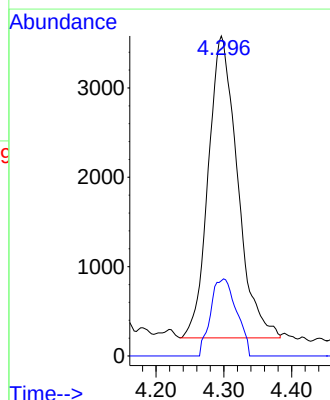
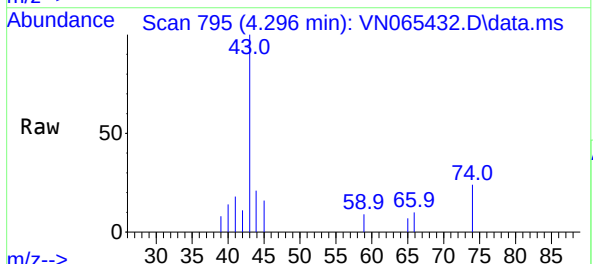
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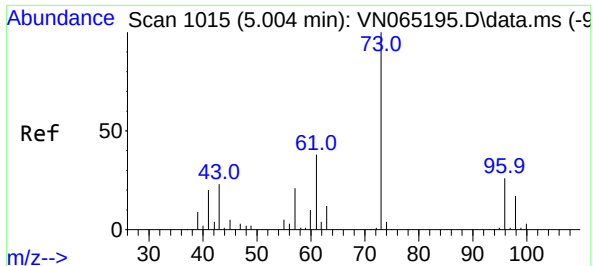
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#18
Methyl Acetate
Concen: 3.24 ug/l
RT: 4.296 min Scan# 795
Delta R.T. 0.009 min
Lab File: VN065432.D
Acq: 7 Jan 2021 17:19

Tgt Ion: 43 Resp: 10129
Ion Ratio Lower Upper
43 100
74 22.6 20.2 30.2





#19
Methyl tert-butyl Ether
Concen: 0.26 ug/l
RT: 5.023 min Scan# 1021
Delta R.T. 0.019 min
Lab File: VN065432.D
Acq: 7 Jan 2021 17:19

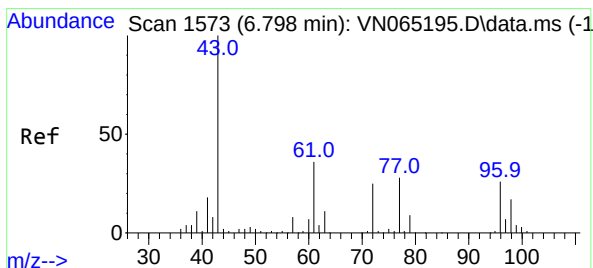
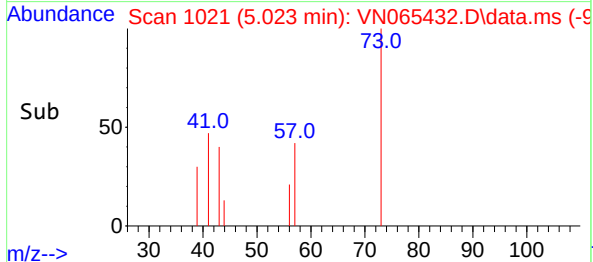
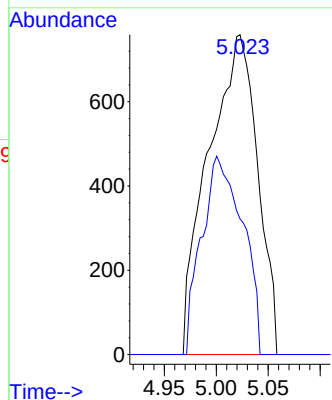
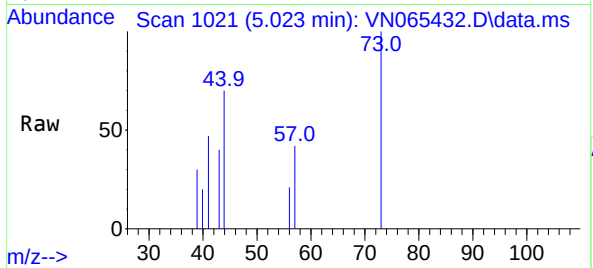
Tgt Ion: 73 Resp: 2493
Ion Ratio Lower Upper
73 100
57 42.4 17.4 26.0#

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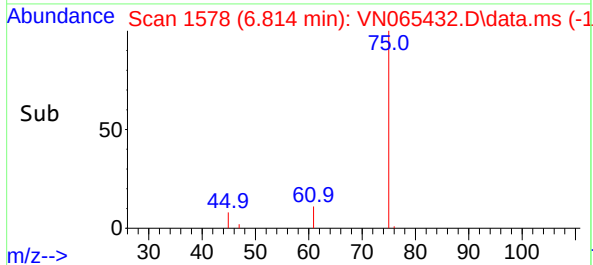
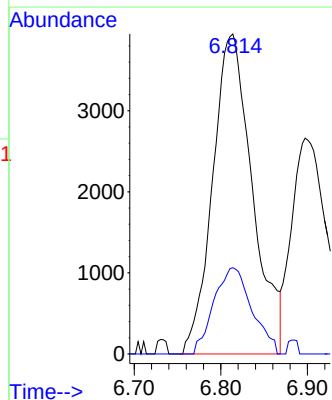
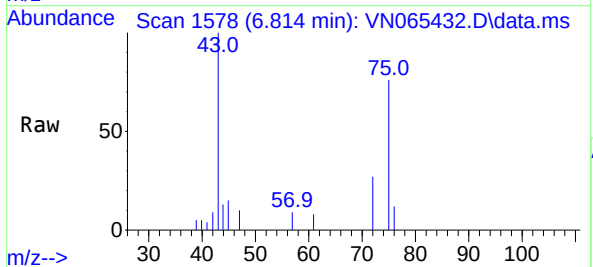
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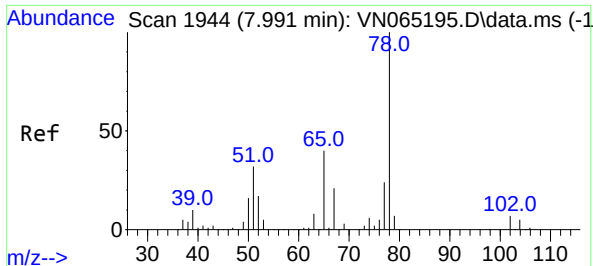
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#25
2-Butanone
Concen: 6.44 ug/l
RT: 6.814 min Scan# 1578
Delta R.T. 0.016 min
Lab File: VN065432.D
Acq: 7 Jan 2021 17:19

Tgt Ion: 43 Resp: 12595
Ion Ratio Lower Upper
43 100
72 27.0 21.0 31.6





#33
1,2-Dichloroethane-d4
Concen: 61.04 ug/l
RT: 7.997 min Scan# 1946
Delta R.T. 0.006 min
Lab File: VN065432.D
Acq: 7 Jan 2021 17:19

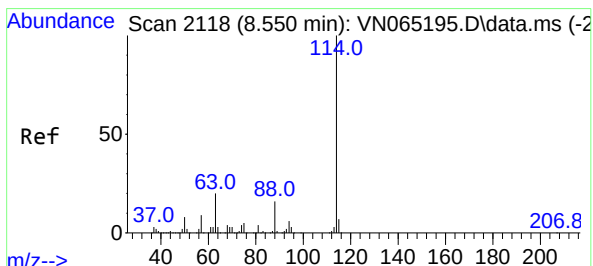
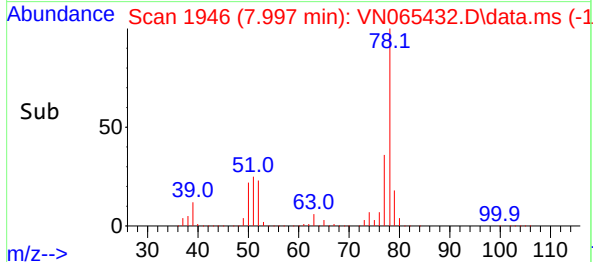
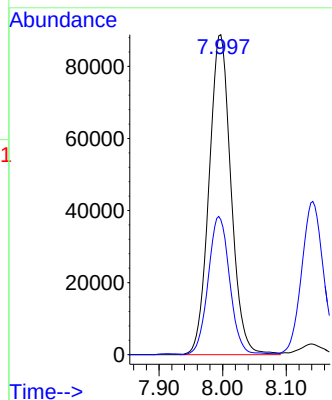
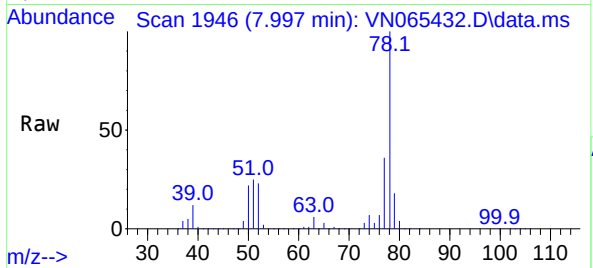
Tgt Ion: 65 Resp: 212712
Ion Ratio Lower Upper
65 100
67 42.5 0.0 108.2

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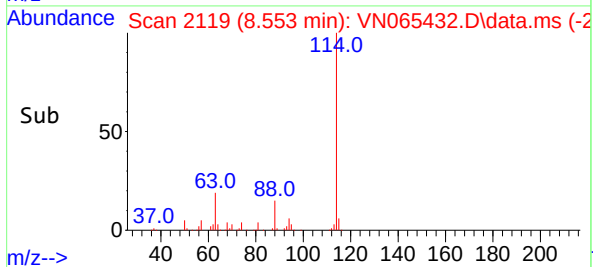
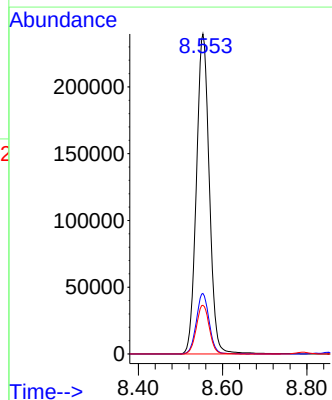
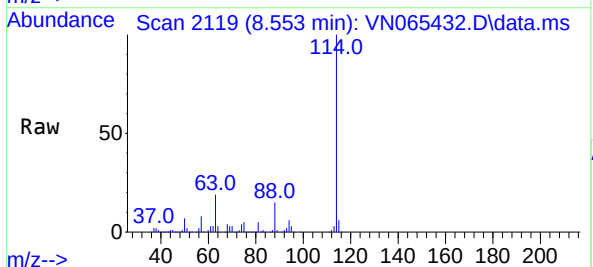
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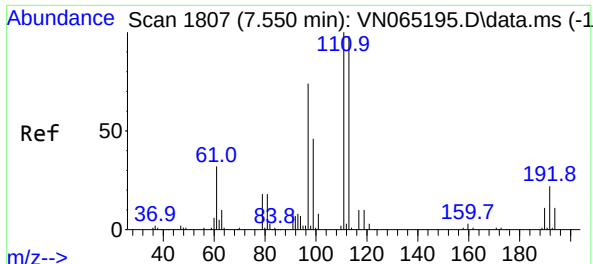
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065432.D
Acq: 7 Jan 2021 17:19

Tgt Ion: 114 Resp: 508570
Ion Ratio Lower Upper
114 100
63 18.9 0.0 38.6
88 15.2 0.0 32.6





#35
Dibromofluoromethane
Concen: 50.12 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065432.D
Acq: 7 Jan 2021 17:19

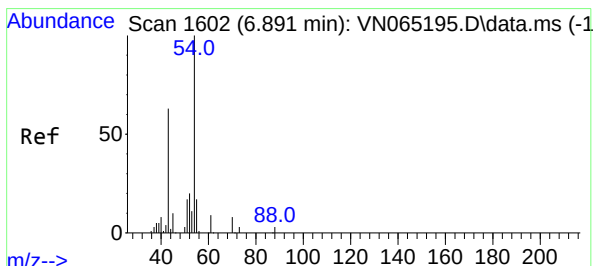
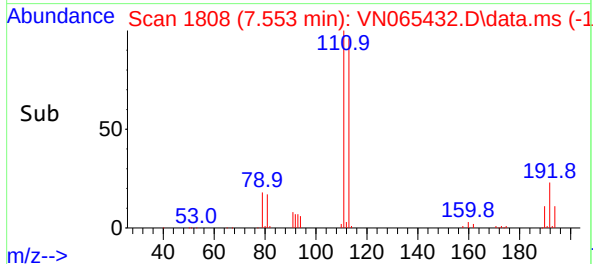
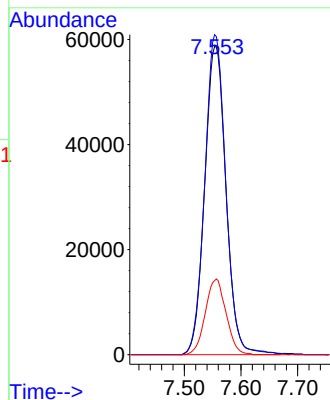
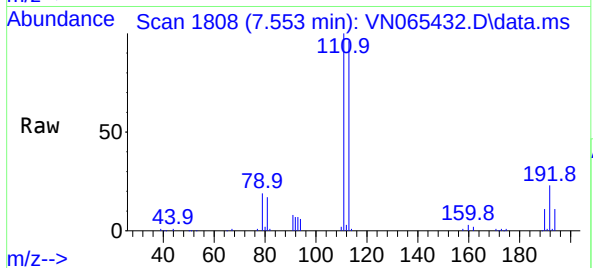
Tgt Ion: 113 Resp: 153781
Ion Ratio Lower Upper
113 100
111 102.5 81.6 122.4
192 23.8 16.2 24.2

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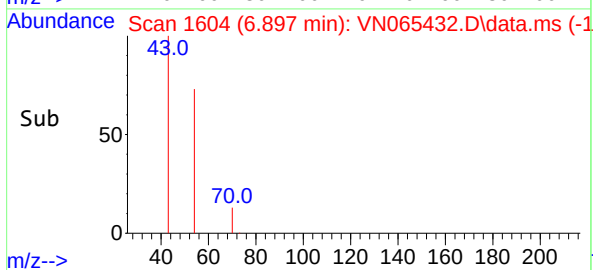
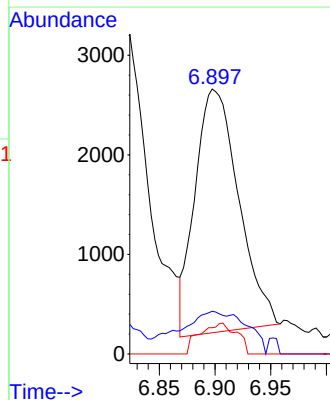
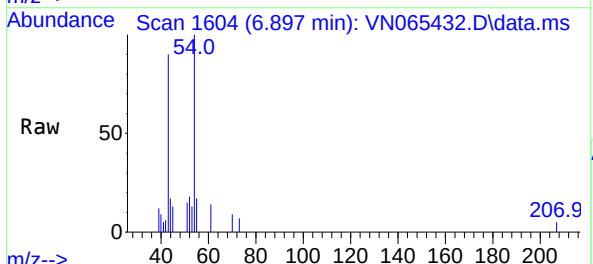
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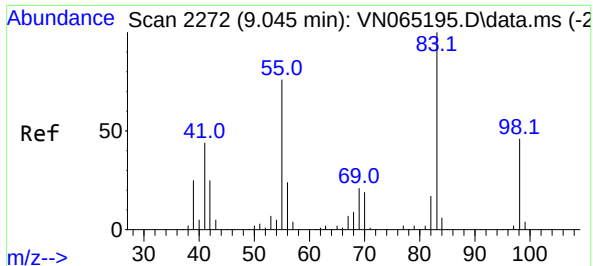
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#37
Ethyl Acetate
Concen: 1.45 ug/l
RT: 6.897 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VN065432.D
Acq: 7 Jan 2021 17:19

Tgt Ion: 43 Resp: 6663
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 10.7 8.8 13.2





#39
Methylcyclohexane
Concen: 1.15 ug/l
RT: 9.052 min Scan# 2274
Delta R.T. 0.007 min
Lab File: VN065432.D
Acq: 7 Jan 2021 17:19

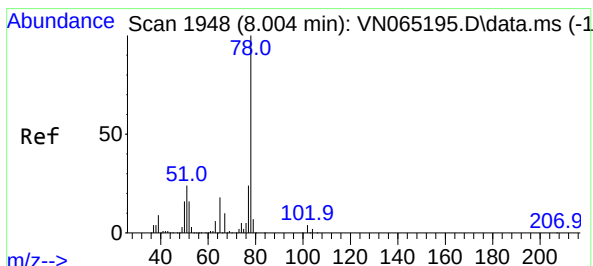
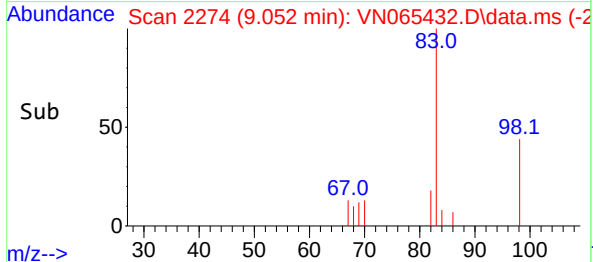
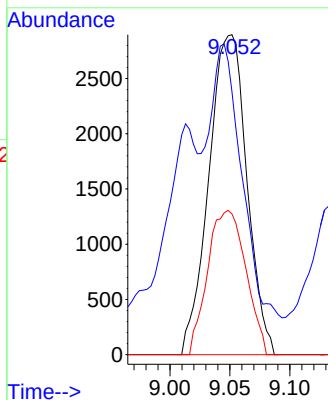
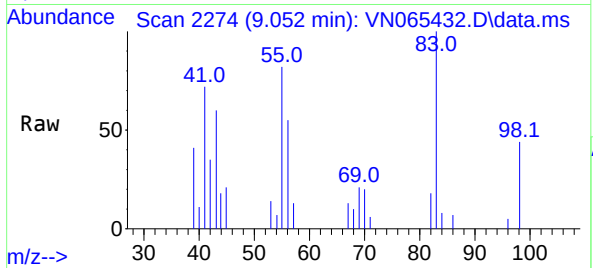
Tgt Ion: 83 Resp: 6403
Ion Ratio Lower Upper
83 100
55 69.7 60.2 90.2
98 44.0 37.4 56.2

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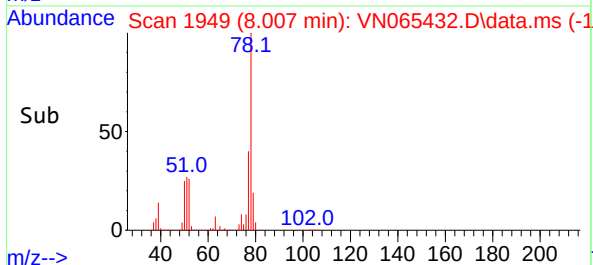
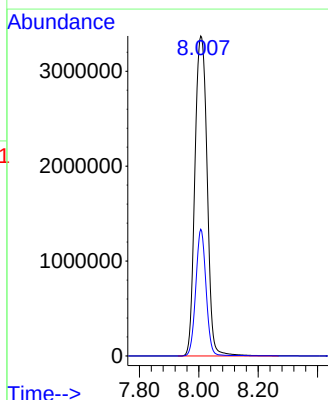
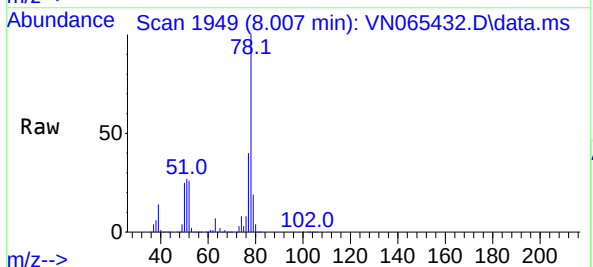
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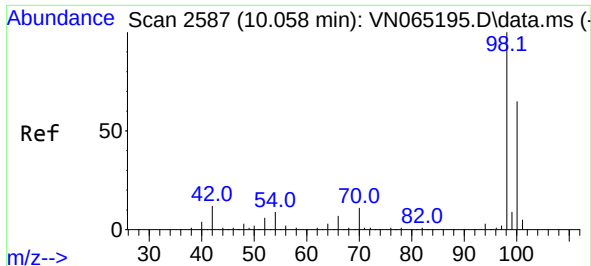
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#40
Benzene
Concen: 704.38 ug/l
RT: 8.007 min Scan# 1949
Delta R.T. 0.003 min
Lab File: VN065432.D
Acq: 7 Jan 2021 17:19

Tgt Ion: 78 Resp: 9689814
Ion Ratio Lower Upper
78 100
77 39.6 17.9 26.9#





#50
Toluene-d8
Concen: 54.27 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065432.D
Acq: 7 Jan 2021 17:19

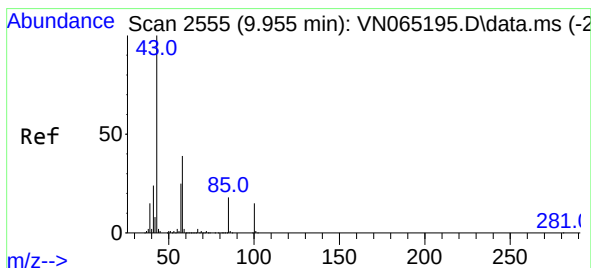
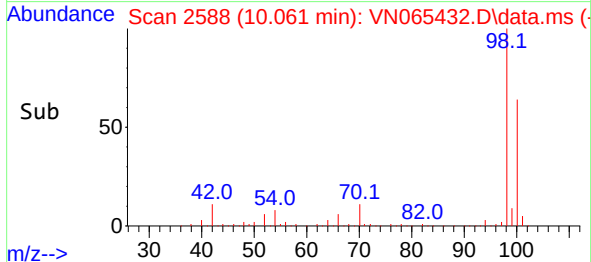
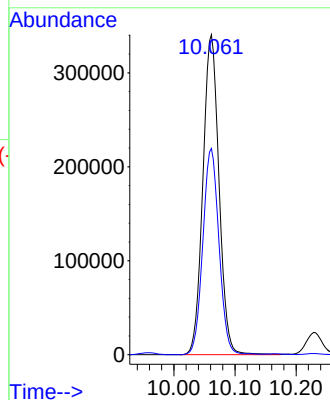
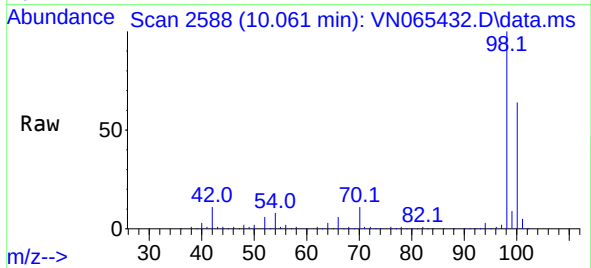
Tgt Ion: 98 Resp: 624072
Ion Ratio Lower Upper
98 100
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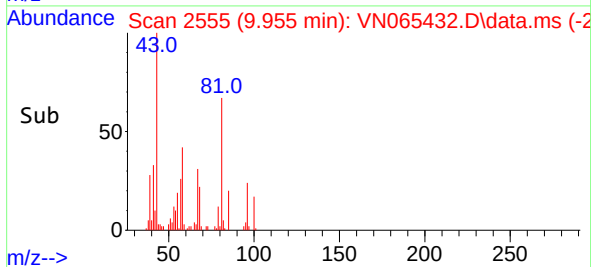
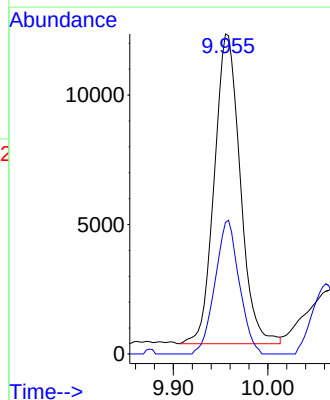
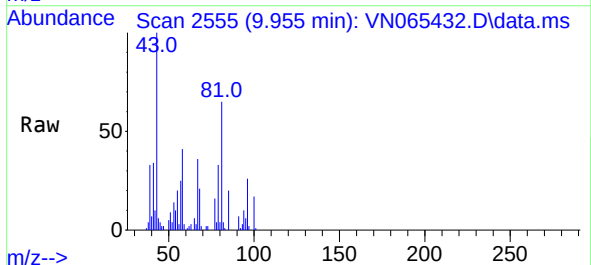
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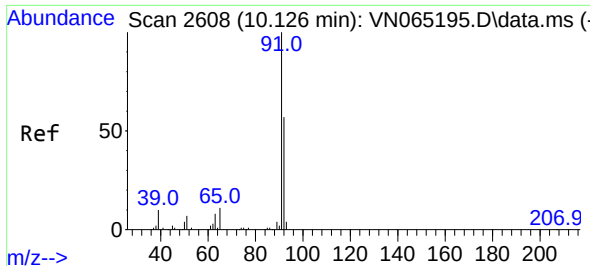
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#51
4-Methyl-2-Pentanone
Concen: 5.13 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065432.D
Acq: 7 Jan 2021 17:19

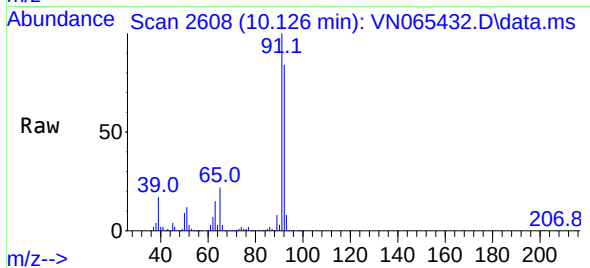
Tgt Ion: 43 Resp: 22787
Ion Ratio Lower Upper
43 100
58 40.2 32.4 48.6





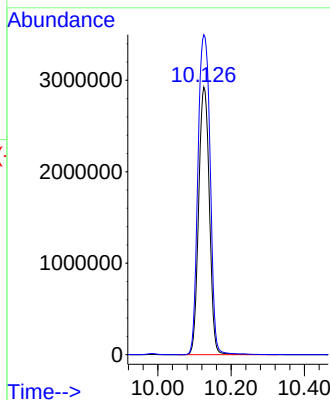
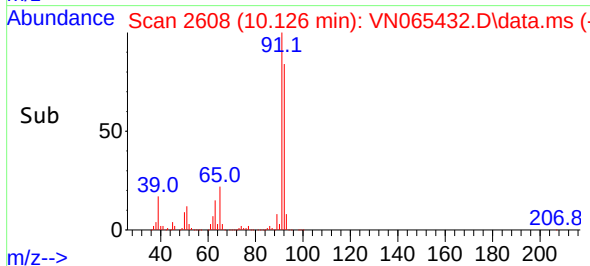
#52
Toluene
Concen: 682.20 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. -0.000 min
Lab File: VN065432.D
Acq: 7 Jan 2021 17:19

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30733



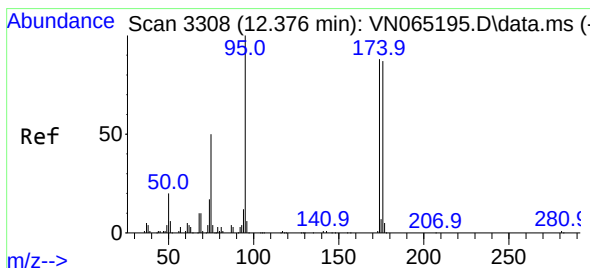
Tgt Ion: 92 Resp: 5914890
Ion Ratio Lower Upper
92 100
91 136.3 139.1 208.7#

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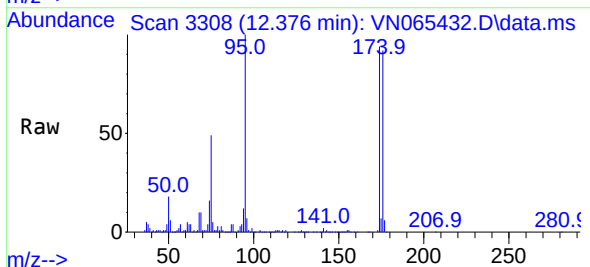


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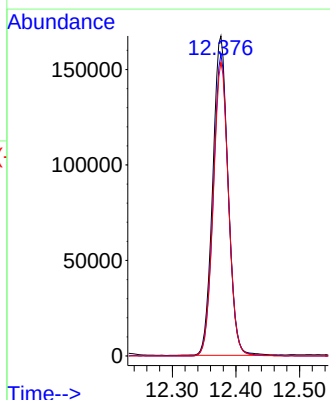
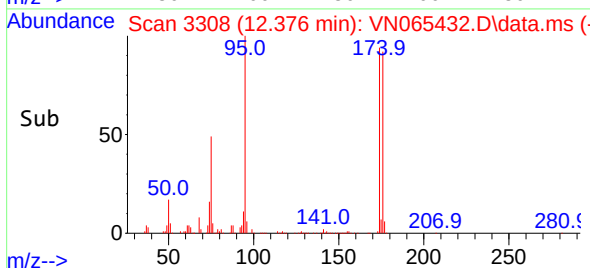
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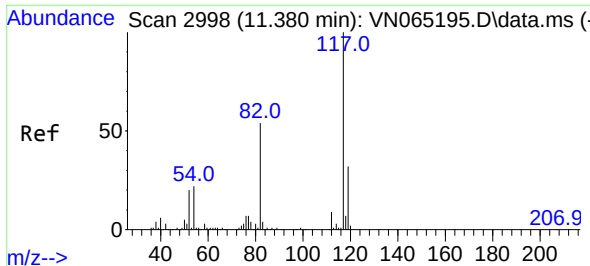


#62
4-Bromofluorobenzene
Concen: 60.16 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065432.D
Acq: 7 Jan 2021 17:19



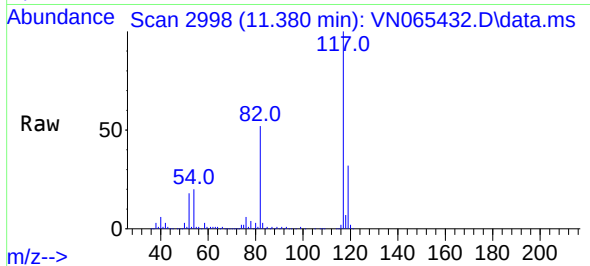
Tgt Ion: 95 Resp: 278845
Ion Ratio Lower Upper
95 100
174 93.6 0.0 160.4
176 91.1 0.0 158.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065432.D
Acq: 7 Jan 2021 17:19

Instrument :
MSVOA_N
ClientSampled :
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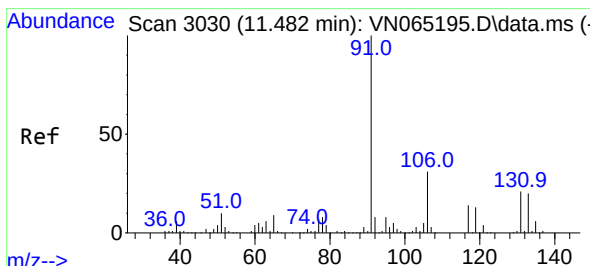
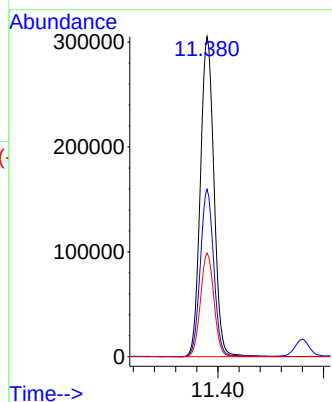


Tgt Ion:117 Resp: 545431
Ion Ratio Lower Upper
117 100
82 52.3 44.2 66.2
119 32.3 25.8 38.6

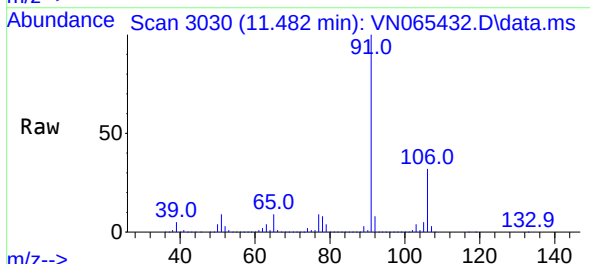
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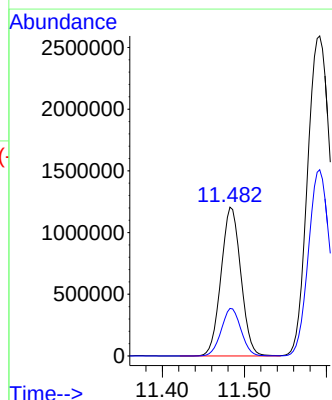
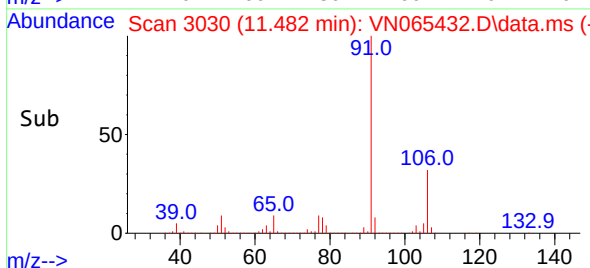
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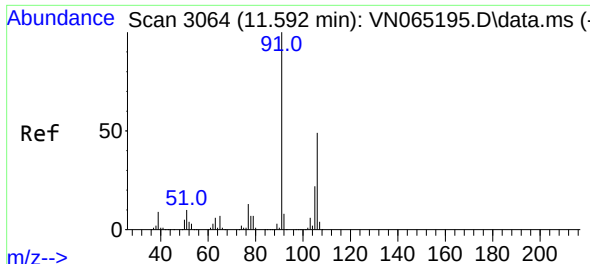


#67
Ethyl Benzene
Concen: 101.24 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VN065432.D
Acq: 7 Jan 2021 17:19



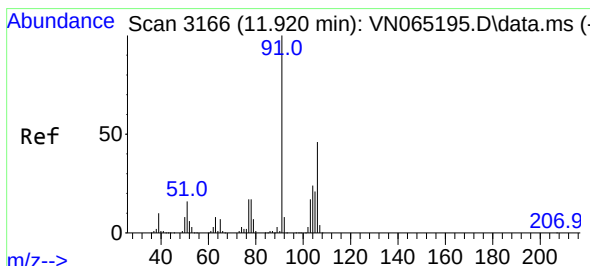
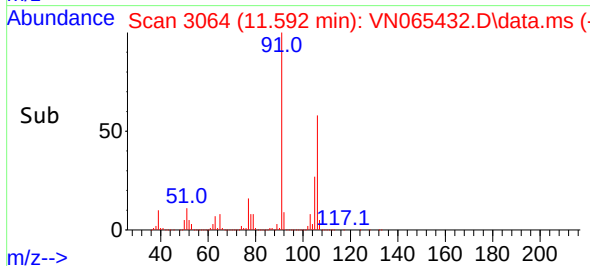
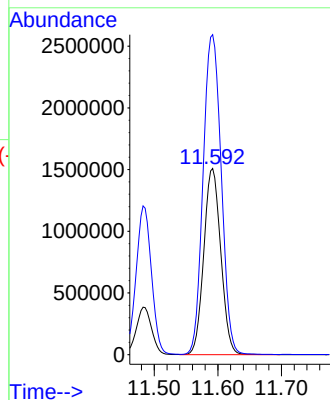
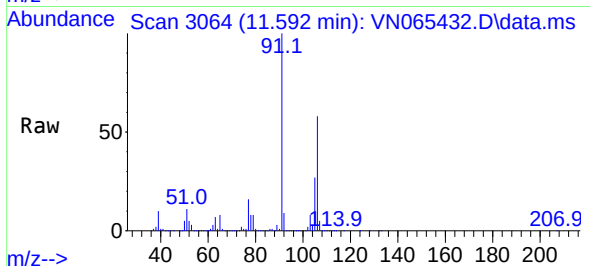
Tgt Ion: 91 Resp: 2025383
Ion Ratio Lower Upper
91 100
106 32.0 25.2 37.8





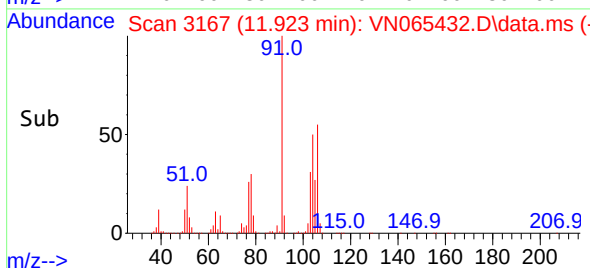
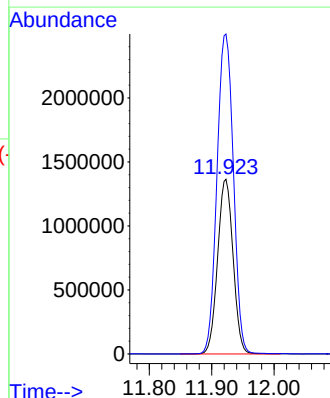
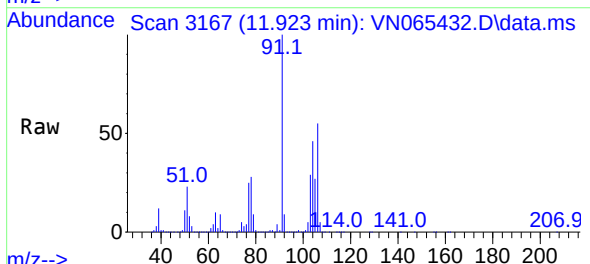
#68
m/p-Xylenes
Concen: 370.09 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. -0.000 min
Lab File: VN065432.D
Acq: 7 Jan 2021 17:19

Tgt Ion:106 Resp: 2789197
Ion Ratio Lower Upper
106 100
91 183.6 161.0 241.4



#69
o-Xylene
Concen: 320.15 ug/l
RT: 11.923 min Scan# 3167
Delta R.T. 0.003 min
Lab File: VN065432.D
Acq: 7 Jan 2021 17:19

Tgt Ion:106 Resp: 2342322
Ion Ratio Lower Upper
106 100
91 194.5 105.5 316.5

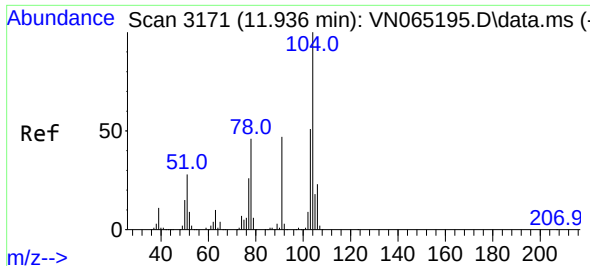


Instrument :
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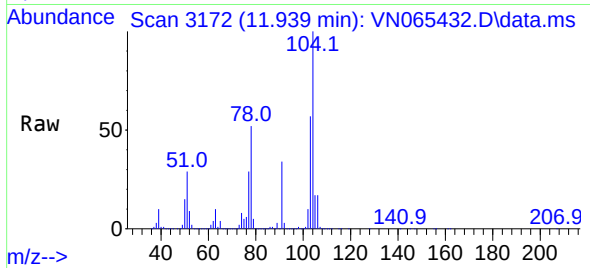
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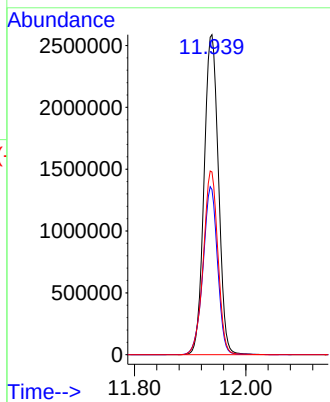
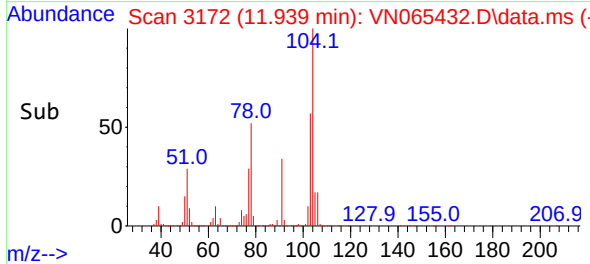
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#70
Styrene
Concen: 379.16 ug/l
RT: 11.939 min Scan# 3172
Delta R.T. 0.003 min
Lab File: VN065432.D
Acq: 7 Jan 2021 17:19



Tgt Ion:104 Resp: 4628592
Ion Ratio Lower Upper
104 100
78 53.0 39.0 58.6
103 58.2 44.3 66.5

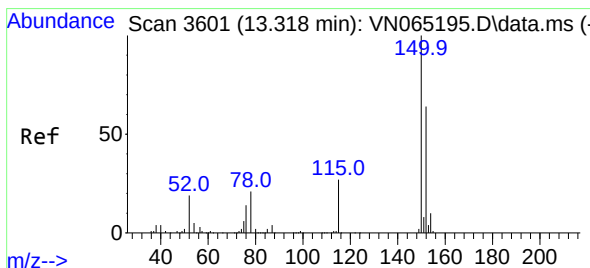


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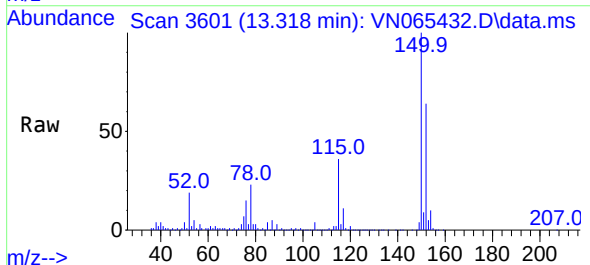
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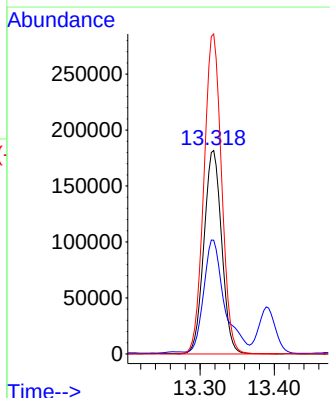
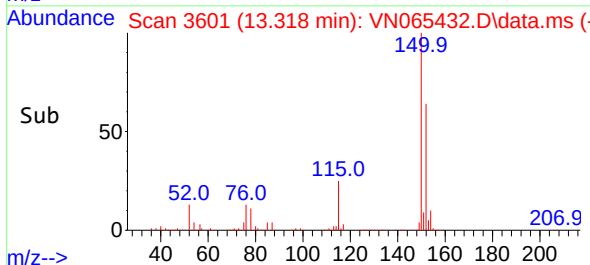
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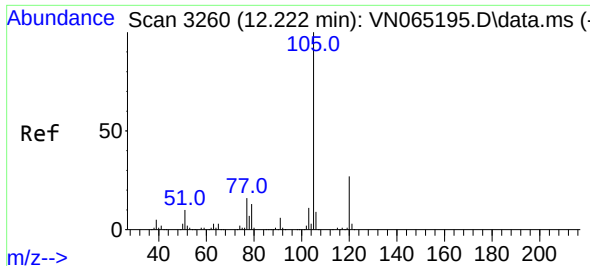


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065432.D
Acq: 7 Jan 2021 17:19



Tgt Ion:152 Resp: 301455
Ion Ratio Lower Upper
152 100
115 64.2 29.7 89.1
150 156.7 0.0 350.6



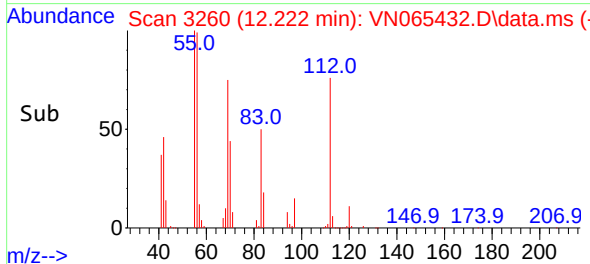
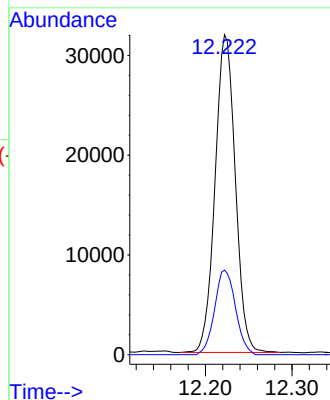
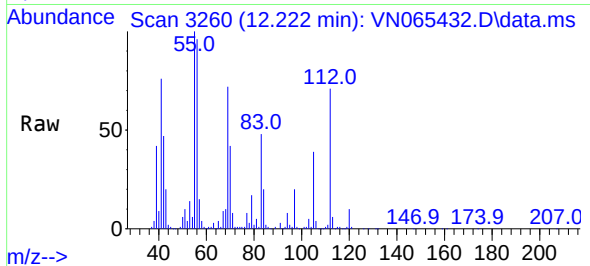


#73
Isopropylbenzene
Concen: 2.25 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. -0.000 min
Lab File: VN065432.D
Acq: 7 Jan 2021 17:19

Tgt Ion: 105 Resp: 51680
Ion Ratio Lower Upper
105 100
120 27.5 13.3 39.9

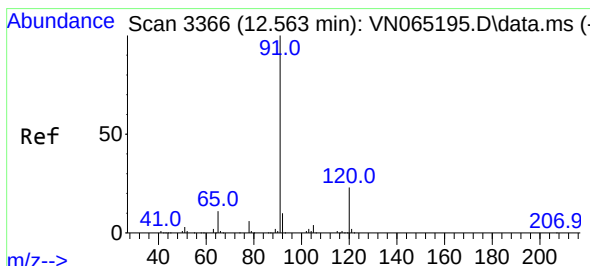
Instrument :
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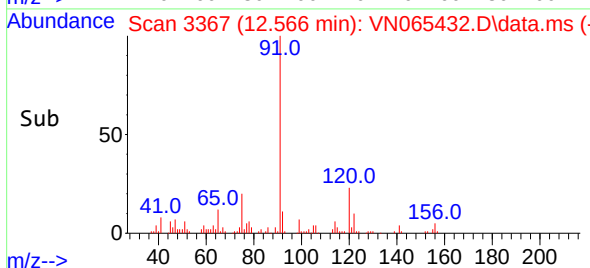
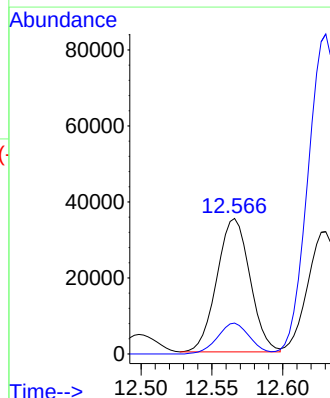
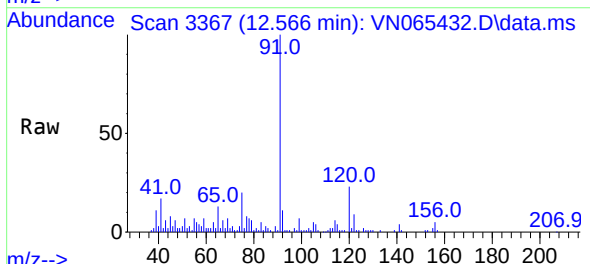
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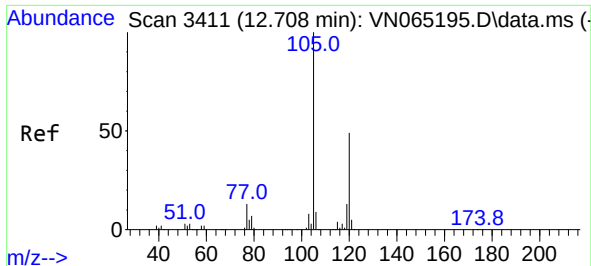
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#78
n-propylbenzene
Concen: 2.20 ug/l
RT: 12.566 min Scan# 3367
Delta R.T. 0.003 min
Lab File: VN065432.D
Acq: 7 Jan 2021 17:19

Tgt Ion: 91 Resp: 57065
Ion Ratio Lower Upper
91 100
120 22.5 11.6 34.7



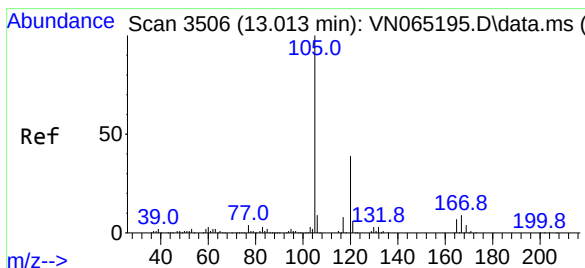
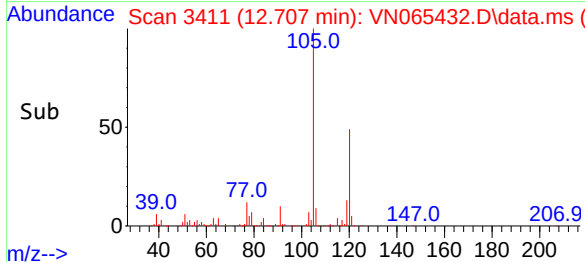
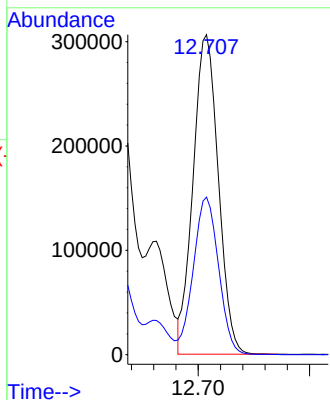
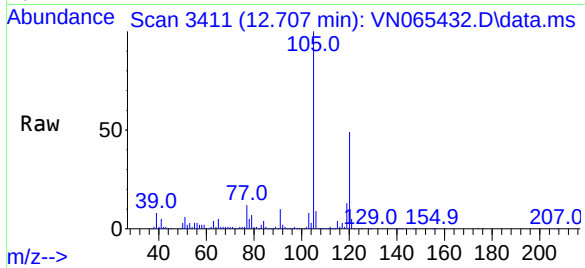


#80
1,3,5-Trimethylbenzene
Concen: 24.58 ug/l
RT: 12.707 min Scan# 3411
Delta R.T. -0.001 min
Lab File: VN065432.D
Acq: 7 Jan 2021 17:19

Tgt Ion:105 Resp: 481203
Ion Ratio Lower Upper
105 100
120 49.9 24.6 73.6

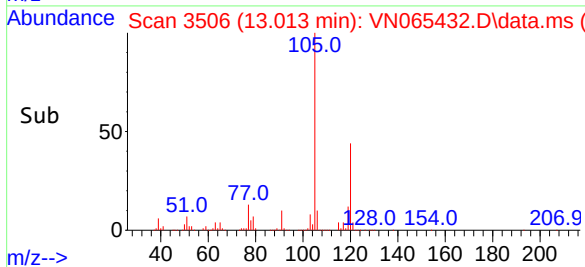
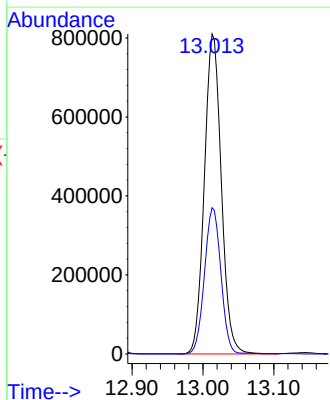
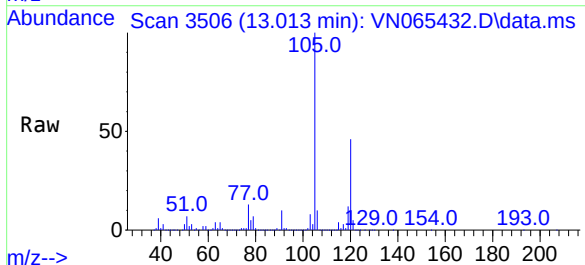
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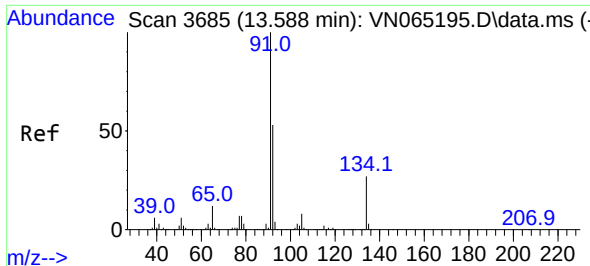
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#84
1,2,4-Trimethylbenzene
Concen: 70.43 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. -0.000 min
Lab File: VN065432.D
Acq: 7 Jan 2021 17:19

Tgt Ion:105 Resp: 1342554
Ion Ratio Lower Upper
105 100
120 44.4 23.1 69.2



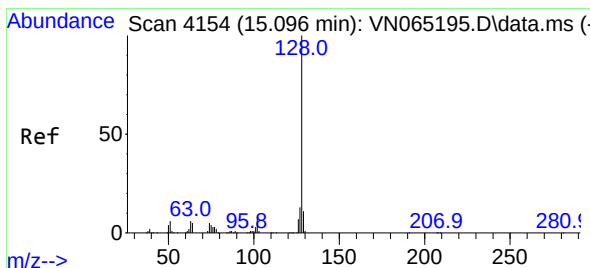
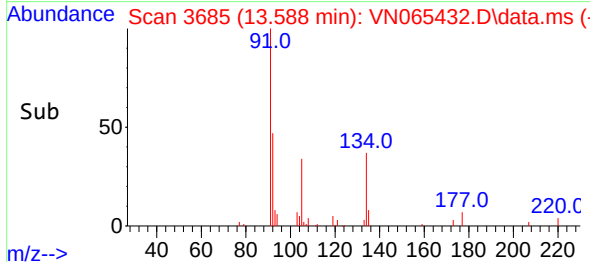
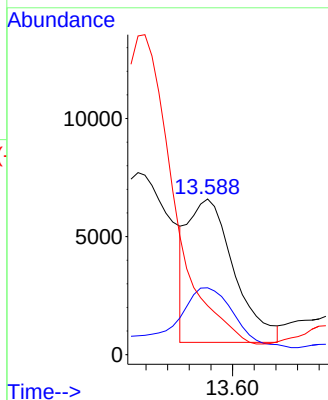
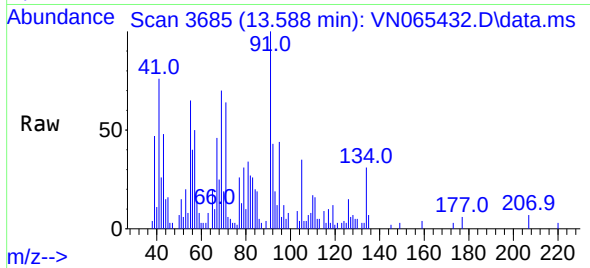


#89
n-Butylbenzene
Concen: 0.52 ug/l m
RT: 13.588 min Scan# 3685
Delta R.T. 0.000 min
Lab File: VN065432.D
Acq: 7 Jan 2021 17:19

Tgt Ion: 91 Resp: 8971
Ion Ratio Lower Upper
91 100
92 133.0 26.0 78.0#
134 80.0 12.9 38.6#

Instrument :
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ClientSampled :
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#95
Naphthalene
Concen: 801.01 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.010 min
Lab File: VN065432.D
Acq: 7 Jan 2021 17:19

Tgt Ion: 128 Resp: 13361281
Ion Ratio Lower Upper
128 100
127 35.3 10.3 15.5#
129 32.7 8.7 13.1#

