

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022621\
 Data File : VN066065.D
 Acq On : 26 Feb 2021 20:39
 Operator : JC/MD
 Sample : M1508-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1159-1160

Manual Integrations
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 3/1/2021 10:06:36 AM

Quant Time: Feb 26 23:38:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.627	168	115573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	189432	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	175836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	83365	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	78075	48.31	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.62%		
35) Dibromofluoromethane	7.550	113	56960	48.58	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.16%		
50) Toluene-d8	10.058	98	229305	47.65	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.30%		
62) 4-Bromofluorobenzene	12.373	95	90539	50.12	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.24%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.740	59	4261	18.96	ug/l #	73
16) Acetone	3.788	43	17052	32.19	ug/l	97
22) Diisopropyl ether	5.917	45	5974	1.35	ug/l #	83
25) 2-Butanone	6.795	43	5171	6.46	ug/l	89
31) Cyclohexane	7.618	56	125758	52.19	ug/l	99
39) Methylcyclohexane	9.045	83	98958	47.15	ug/l	97
40) Benzene	8.007	78	2233580	389.74	ug/l	99
52) Toluene	10.126	92	3967398	1127.24	ug/l	82
67) Ethyl Benzene	11.479	91	1493123	224.35	ug/l	99
68) m/p-Xylenes	11.589	106	1929271	776.86	ug/l	99
69) o-Xylene	11.916	106	873113	364.63	ug/l	97
73) Isopropylbenzene	12.219	105	105953	15.57	ug/l	99
78) n-propylbenzene	12.563	91	358350	46.31	ug/l	100
80) 1,3,5-Trimethylbenzene	12.704	105	354045	61.25	ug/l	100
84) 1,2,4-Trimethylbenzene	13.010	105	1456618	251.04	ug/l	100
85) sec-Butylbenzene	13.145	105	27471m	4.43	ug/l	
86) p-Isopropyltoluene	13.257	119	15480m	2.75	ug/l	
89) n-Butylbenzene	13.582	91	31919	6.72	ug/l #	70
95) Naphthalene	15.096	128	350223	71.06	ug/l	98

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

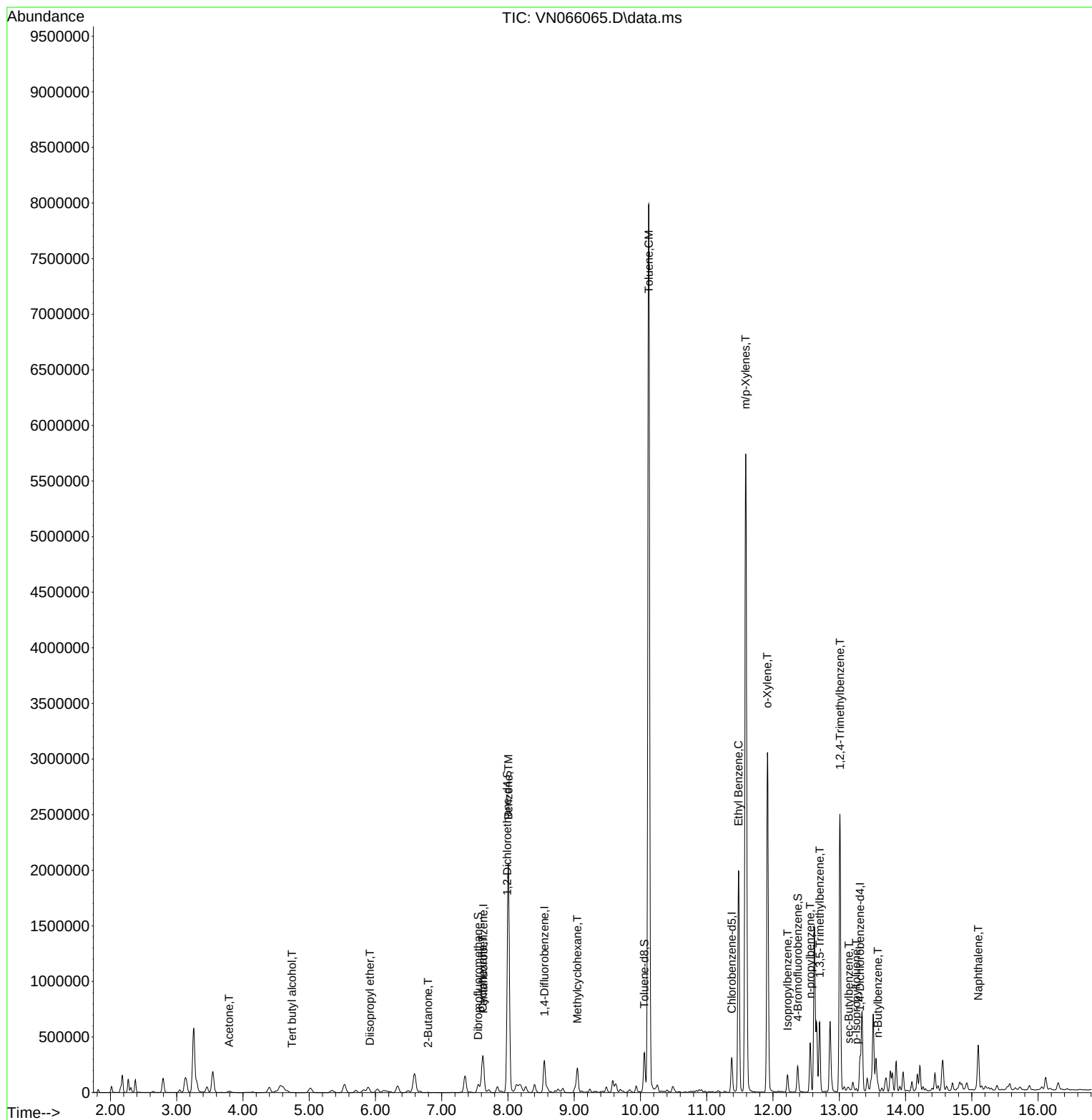
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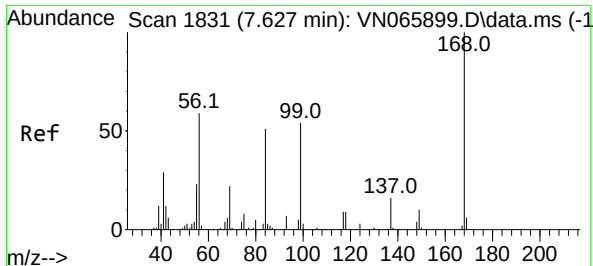
Instrument :
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Quant Title : SW846 8260
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Response via : Initial Calibration





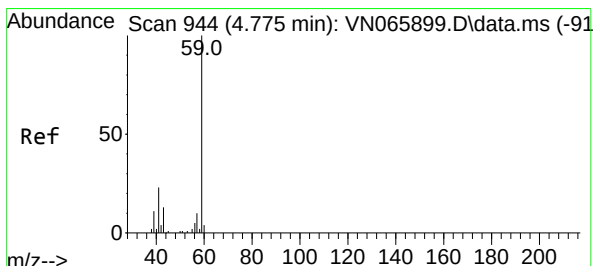
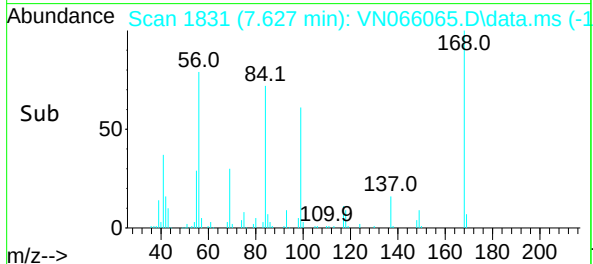
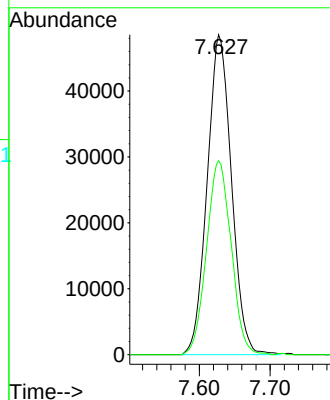
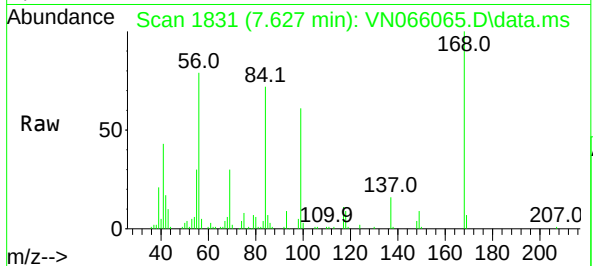
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion:168 Resp: 115573
Ion Ratio Lower Upper
168 100
99 60.6 42.6 63.8

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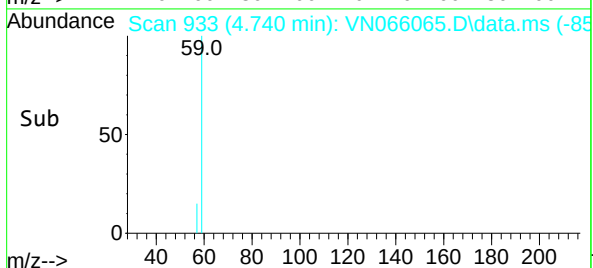
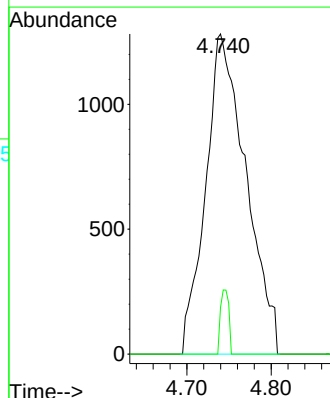
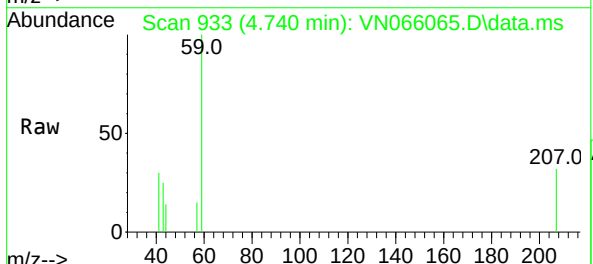
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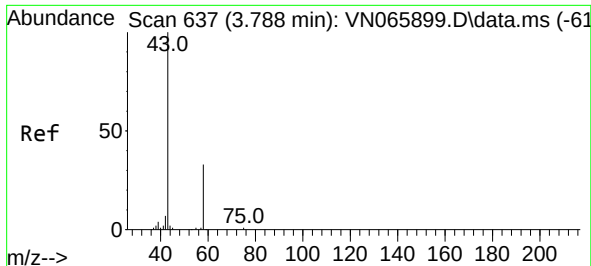
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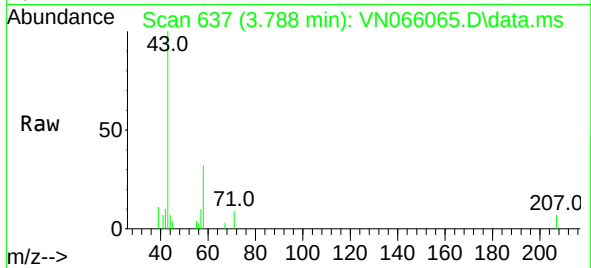
#11
Tert butyl alcohol
Concen: 18.96 ug/l
RT: 4.740 min Scan# 933
Delta R.T. -0.035 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion: 59 Resp: 4261
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

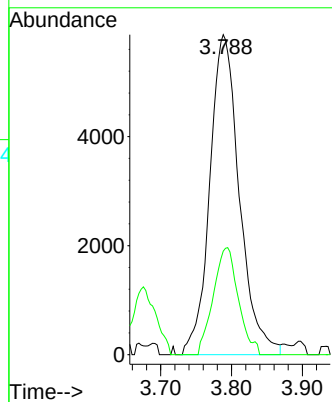
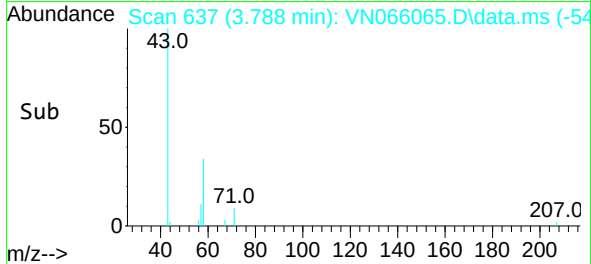




#16
Acetone
Concen: 32.19 ug/l
RT: 3.788 min Scan# 637
Delta R.T. 0.000 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39



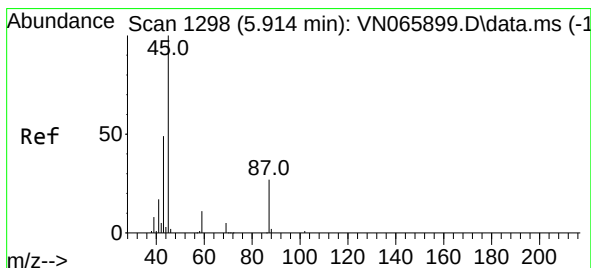
Tgt Ion: 43 Resp: 17052
Ion Ratio Lower Upper
43 100
58 32.4 27.0 40.6



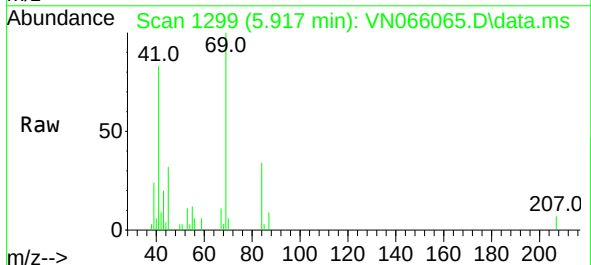
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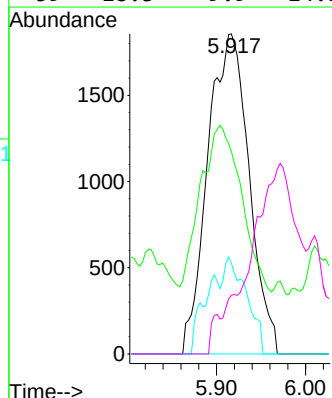
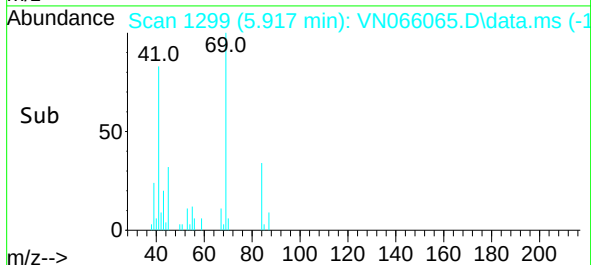
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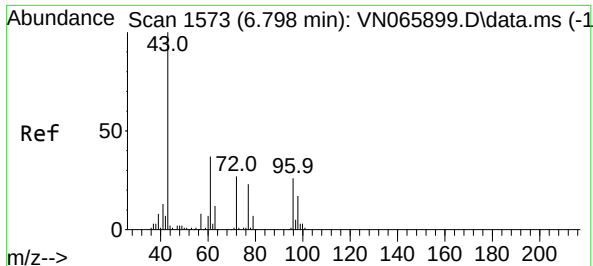


#22
Diisopropyl ether
Concen: 1.35 ug/l
RT: 5.917 min Scan# 1299
Delta R.T. 0.003 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

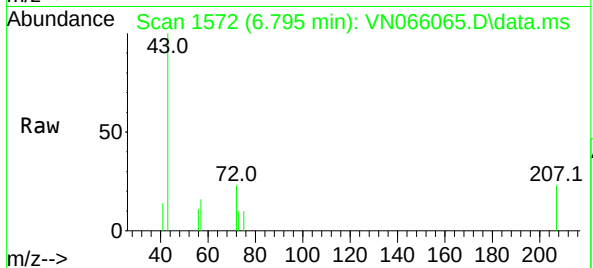


Tgt Ion: 45 Resp: 5974
Ion Ratio Lower Upper
45 100
43 42.3 48.9 73.3#
87 28.3 23.7 35.5
59 18.3 9.9 14.9#

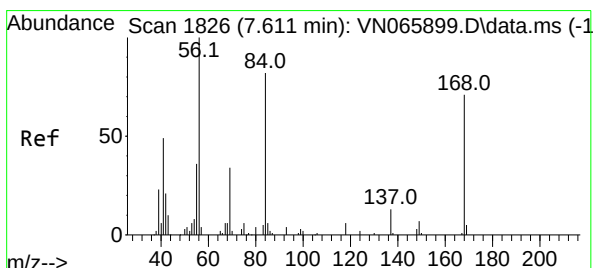
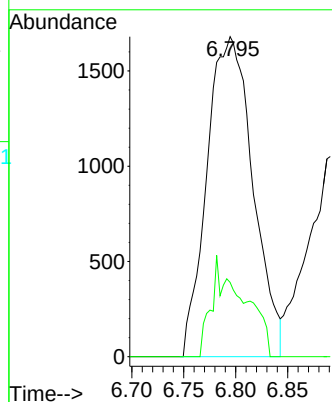
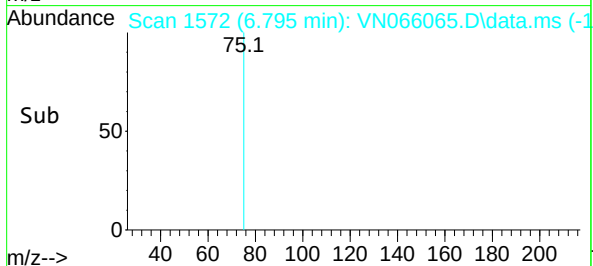




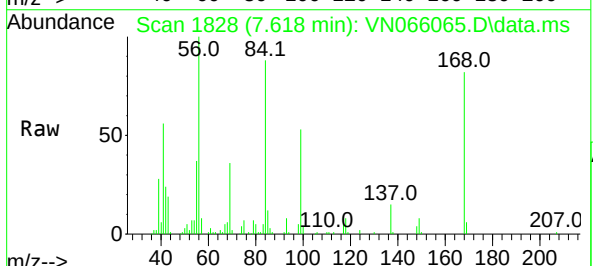
#25
2-Butanone
Concen: 6.46 ug/l
RT: 6.795 min Scan# 1572
Delta R.T. -0.003 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39



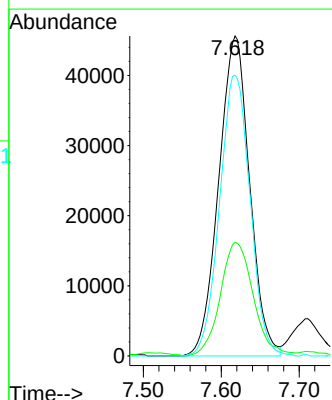
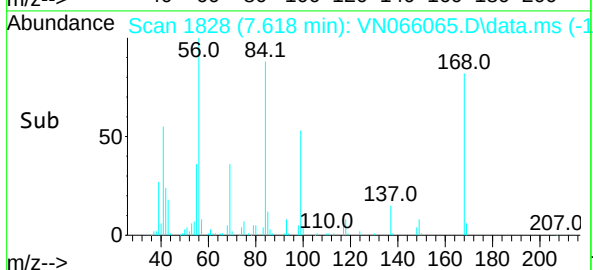
Tgt Ion: 43 Resp: 5171
Ion Ratio Lower Upper
43 100
72 23.2 23.1 34.7



#31
Cyclohexane
Concen: 52.19 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. 0.007 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39



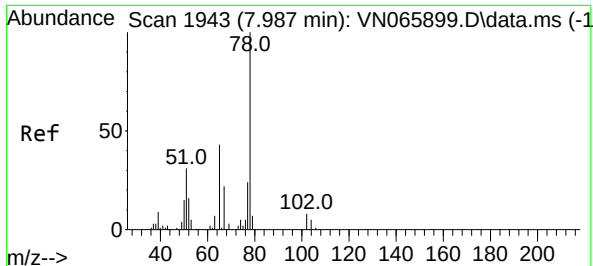
Tgt Ion: 56 Resp: 125758
Ion Ratio Lower Upper
56 100
69 35.2 26.6 39.8
84 87.8 70.4 105.6



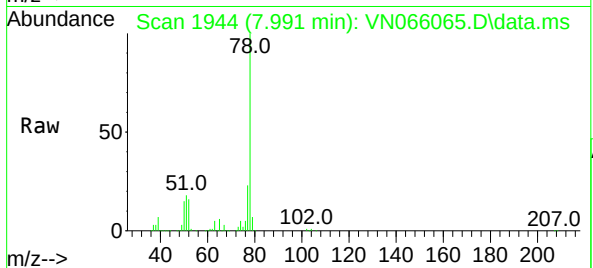
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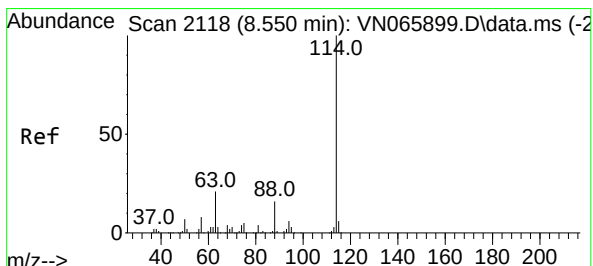
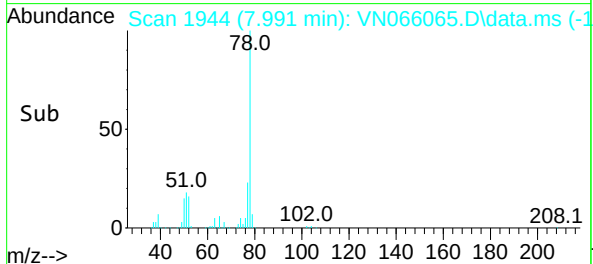
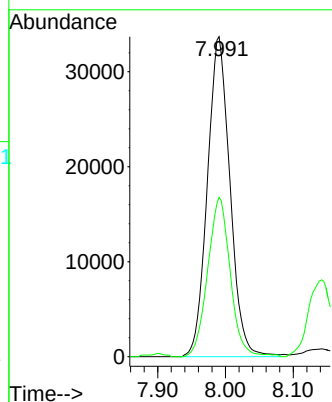
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#33
1,2-Dichloroethane-d4
Concen: 48.31 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

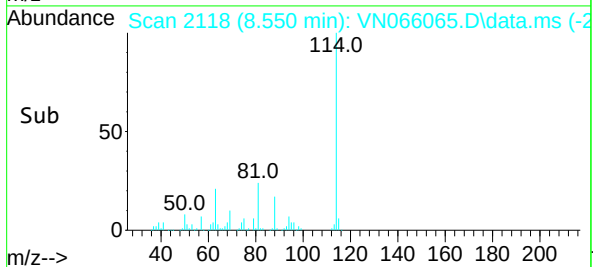
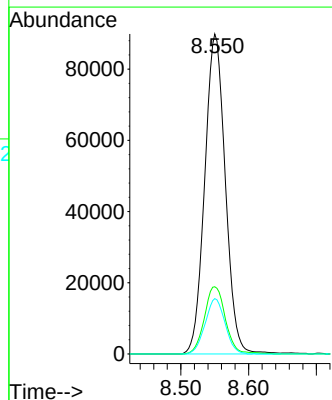
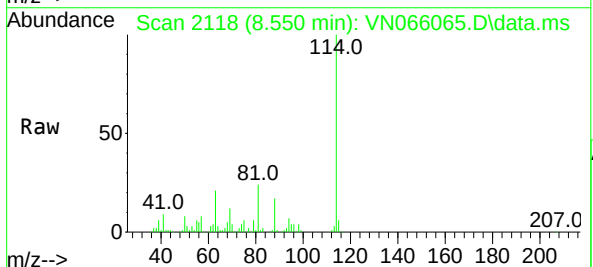


Tgt Ion: 65 Resp: 78075
Ion Ratio Lower Upper
65 100
67 49.3 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

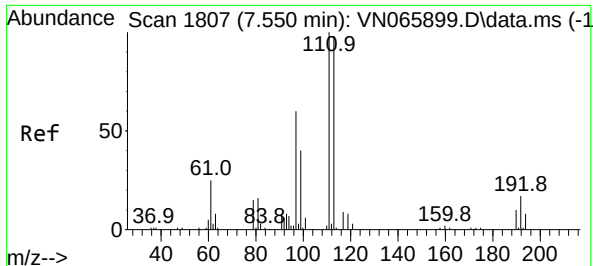
Tgt Ion: 114 Resp: 189432
Ion Ratio Lower Upper
114 100
63 21.0 0.0 38.6
88 17.3 0.0 30.6



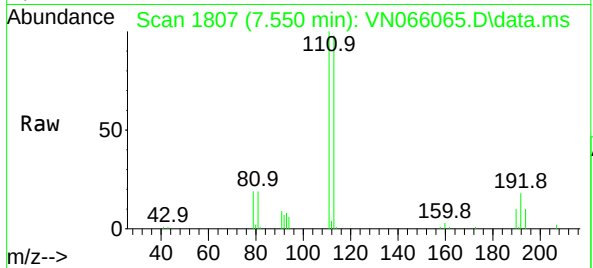
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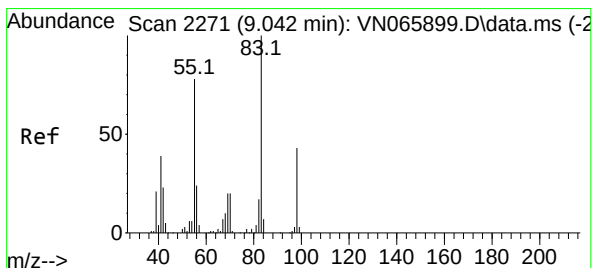
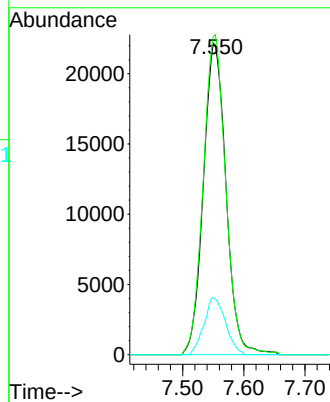
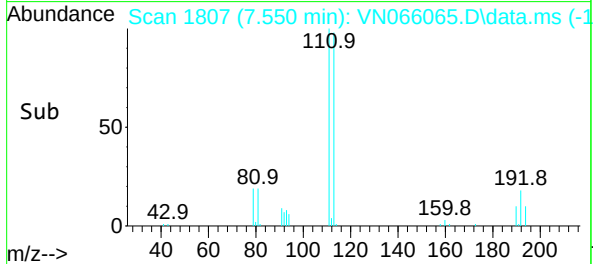
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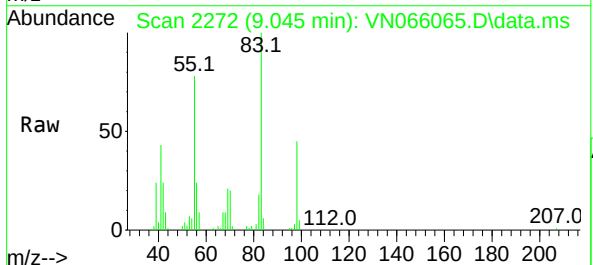
#35
Dibromofluoromethane
Concen: 48.58 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39



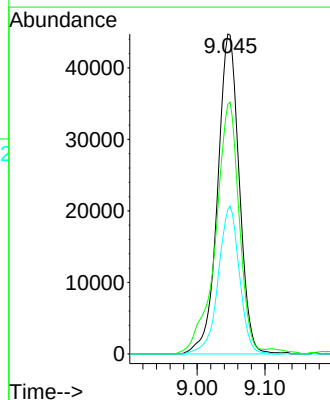
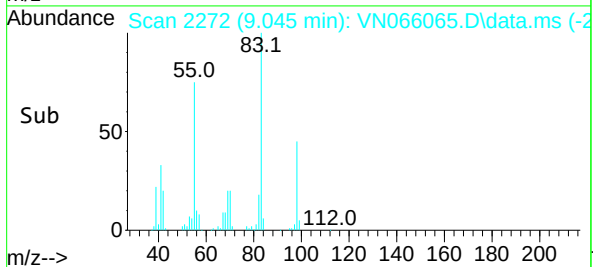
Tgt Ion: 113 Resp: 56960
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 17.4 15.4 23.0



#39
Methylcyclohexane
Concen: 47.15 ug/l
RT: 9.045 min Scan# 2272
Delta R.T. 0.003 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39



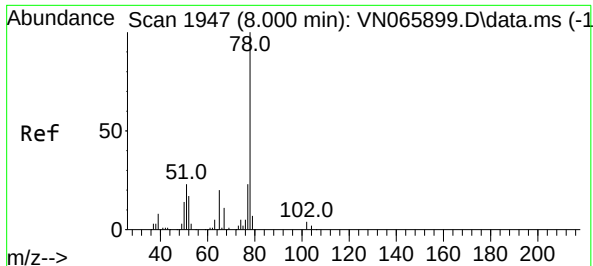
Tgt Ion: 83 Resp: 98958
Ion Ratio Lower Upper
83 100
55 77.4 58.9 88.3
98 45.3 35.9 53.9



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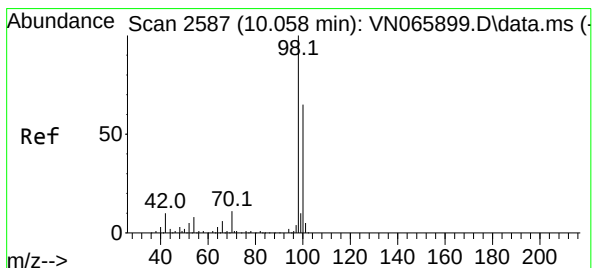
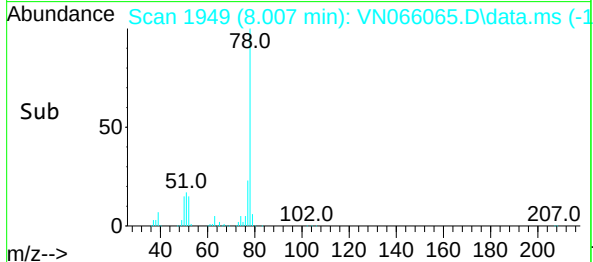
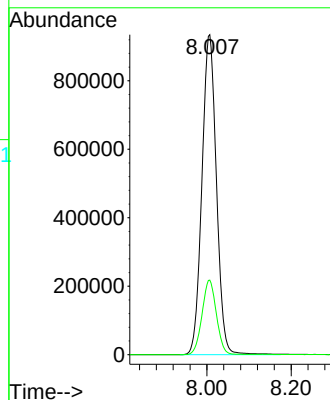
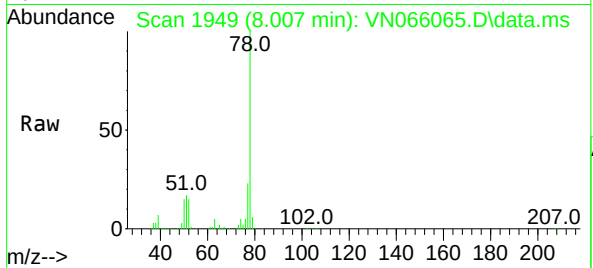
#40
Benzene
Concen: 389.74 ug/l
RT: 8.007 min Scan# 1949
Delta R.T. 0.007 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion: 78 Resp: 2233580
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4

Instrument :
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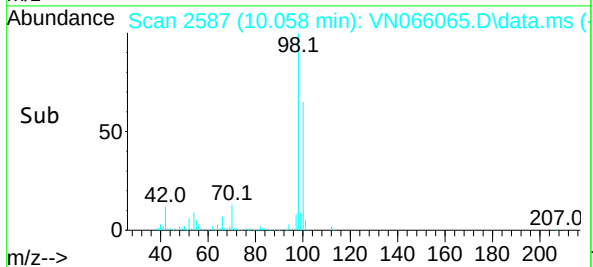
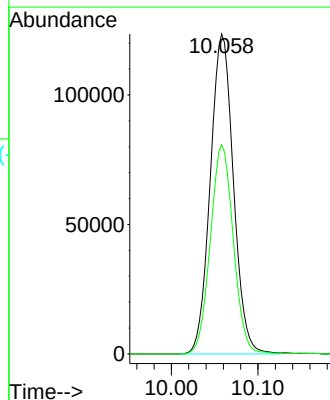
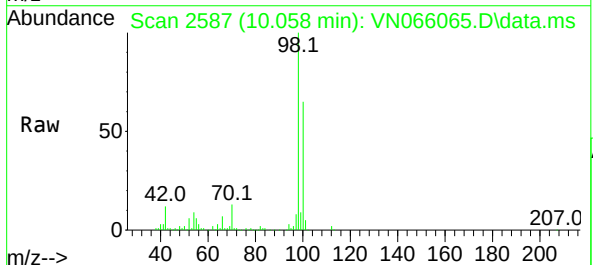
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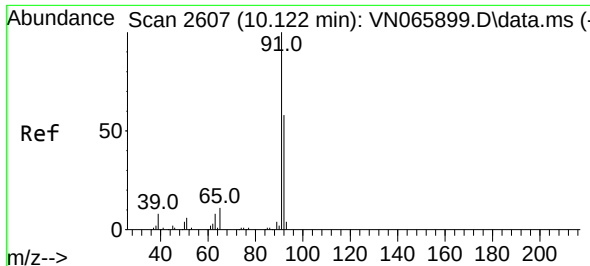
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#50
Toluene-d8
Concen: 47.65 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion: 98 Resp: 229305
Ion Ratio Lower Upper
98 100
100 64.9 50.5 75.7





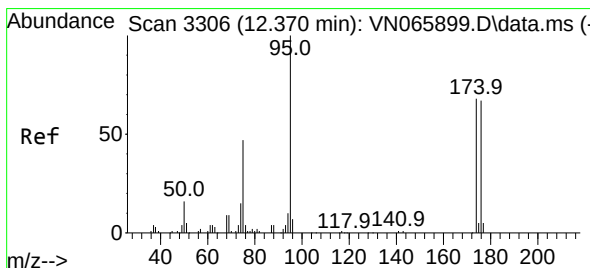
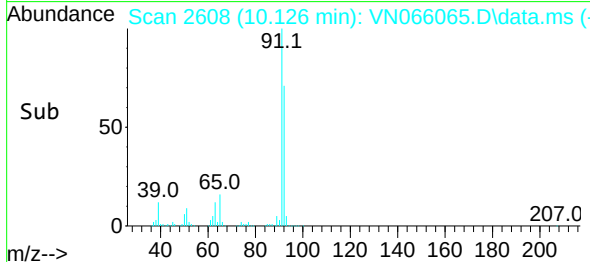
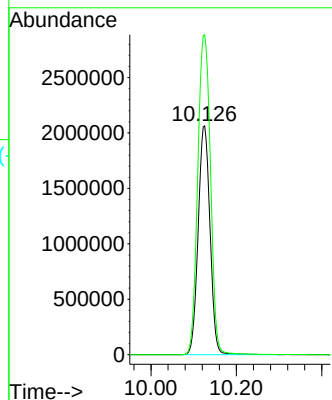
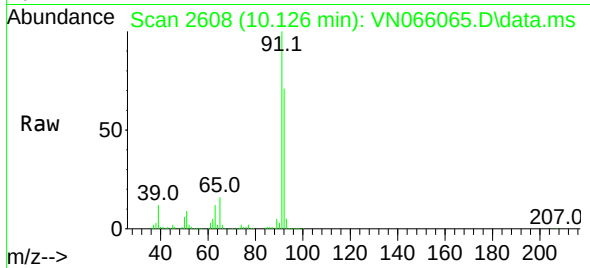
#52
Toluene
Concen: 1127.24 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. 0.004 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion: 92 Resp: 3967398
Ion Ratio Lower Upper
92 100
91 151.2 140.7 211.1

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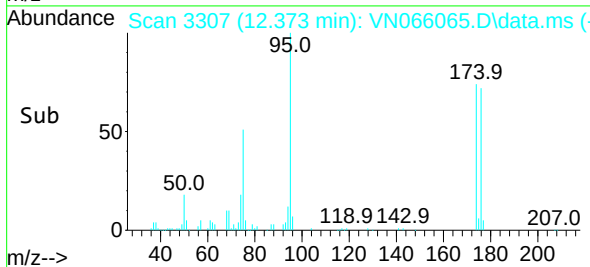
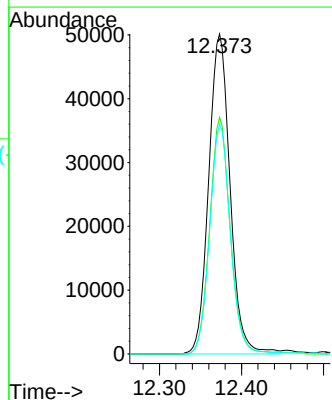
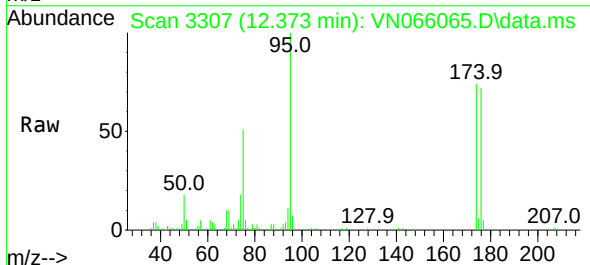
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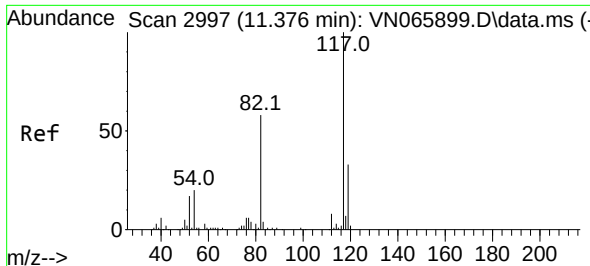
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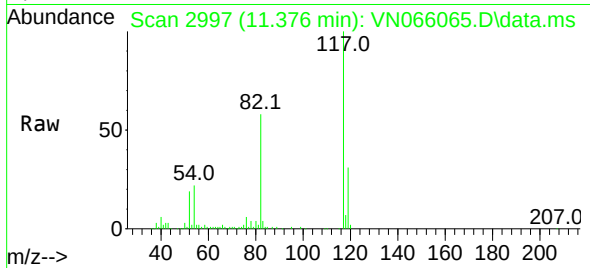
#62
4-Bromofluorobenzene
Concen: 50.12 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion: 95 Resp: 90539
Ion Ratio Lower Upper
95 100
174 70.9 0.0 169.0
176 69.3 0.0 162.4

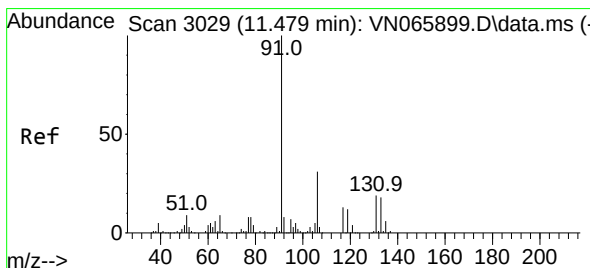
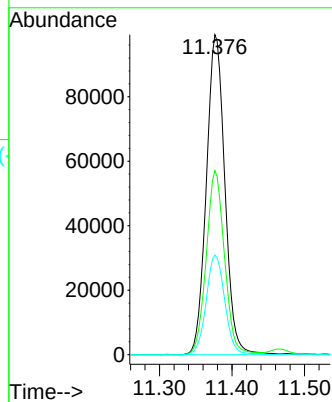
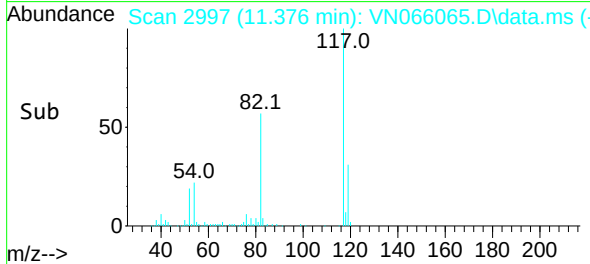




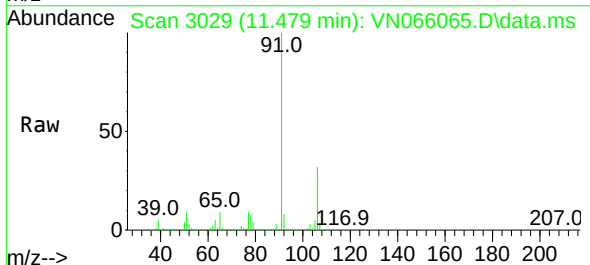
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39



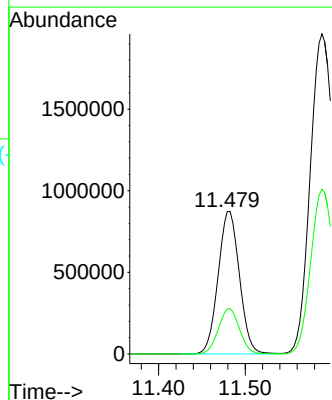
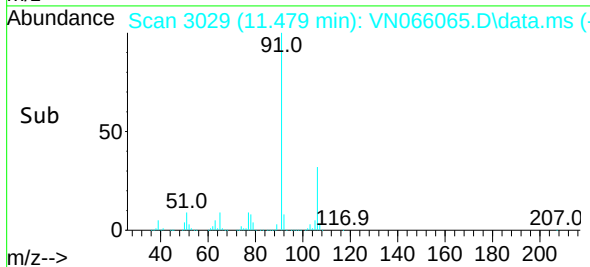
Tgt Ion:117 Resp: 175836
Ion Ratio Lower Upper
117 100
82 57.6 43.7 65.5
119 31.1 26.1 39.1



#67
Ethyl Benzene
Concen: 224.35 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39



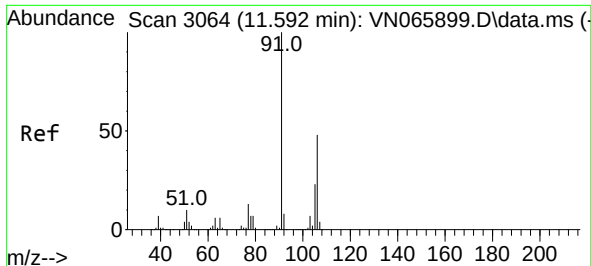
Tgt Ion: 91 Resp: 1493123
Ion Ratio Lower Upper
91 100
106 31.6 25.5 38.3



Instrument :
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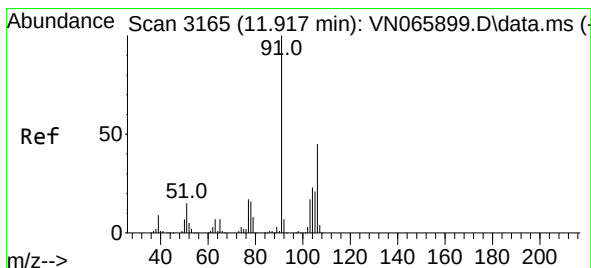
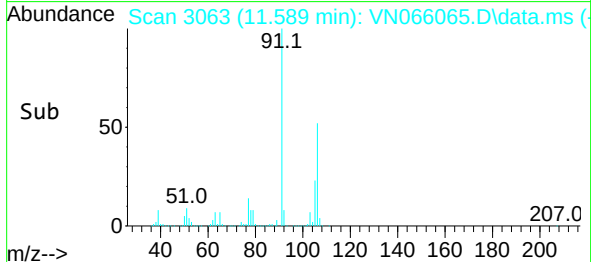
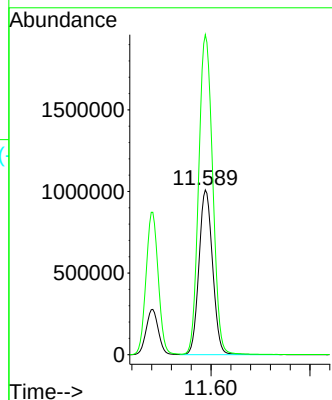
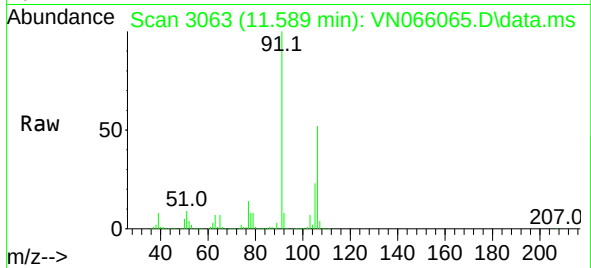
#68
m/p-Xylenes
Concen: 776.86 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.003 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion:106 Resp: 1929271
Ion Ratio Lower Upper
106 100
91 199.7 161.4 242.0

Instrument :
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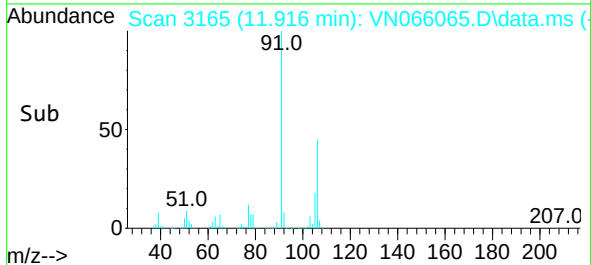
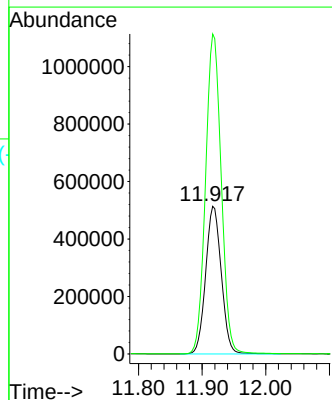
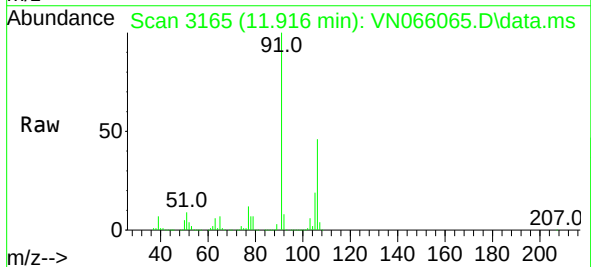
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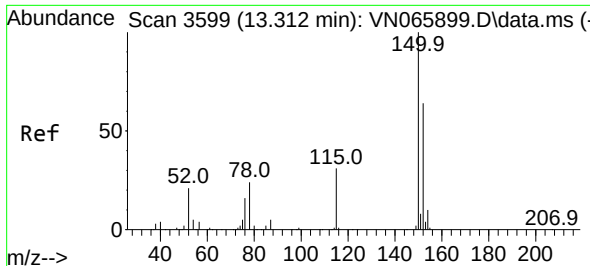
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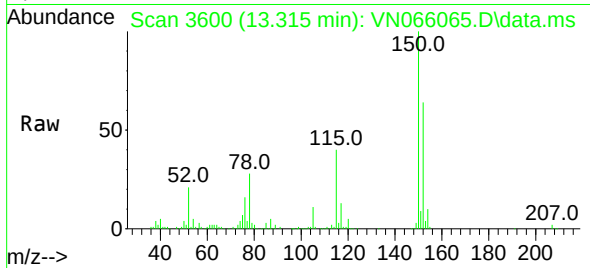
#69
o-Xylene
Concen: 364.63 ug/l
RT: 11.916 min Scan# 3165
Delta R.T. -0.001 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion:106 Resp: 873113
Ion Ratio Lower Upper
106 100
91 217.9 106.8 320.4

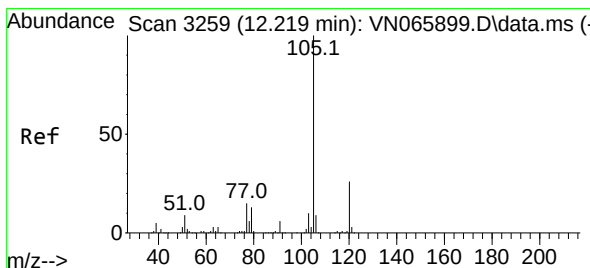
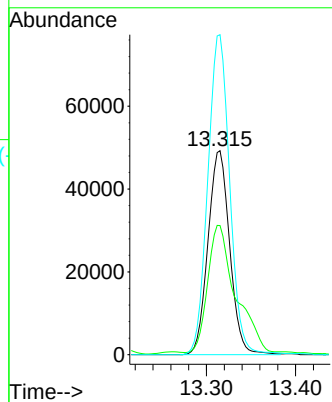
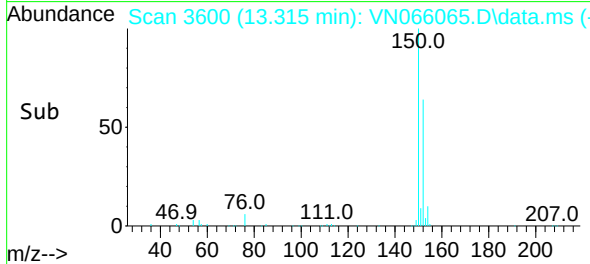




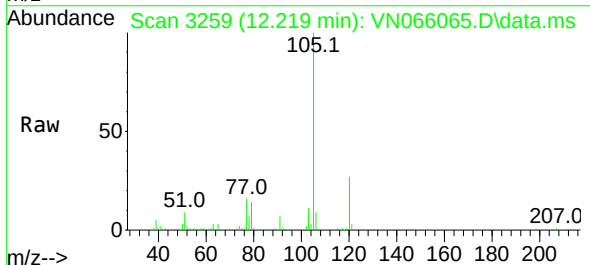
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39



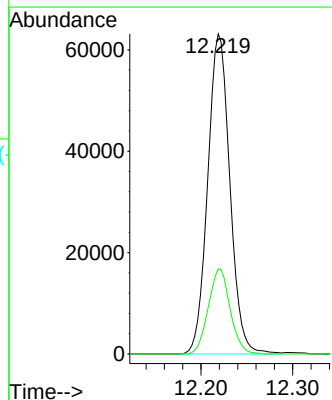
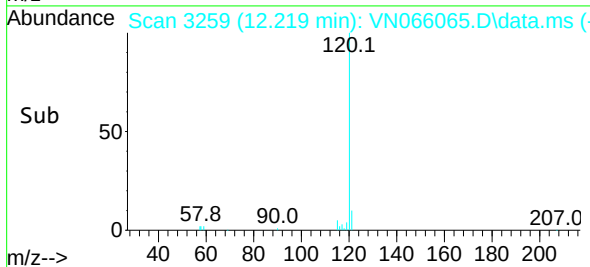
Tgt Ion:152 Resp: 83365
Ion Ratio Lower Upper
152 100
115 85.6 28.5 85.6
150 158.3 0.0 347.6



#73
Isopropylbenzene
Concen: 15.57 ug/l
RT: 12.219 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39



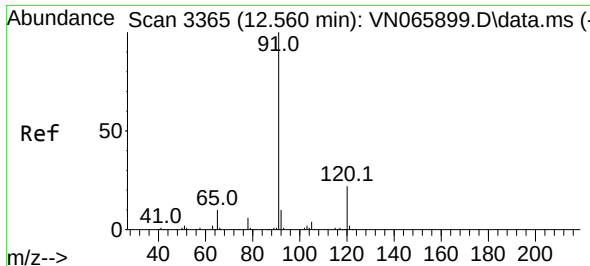
Tgt Ion:105 Resp: 105953
Ion Ratio Lower Upper
105 100
120 26.1 13.3 39.9



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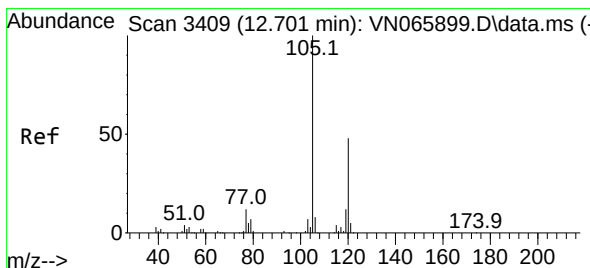
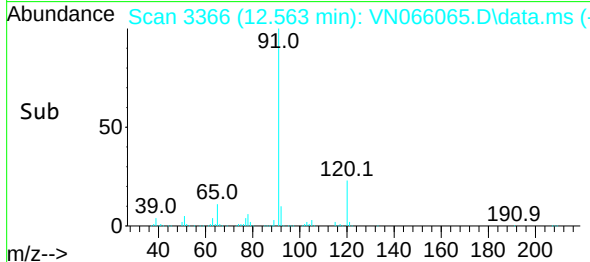
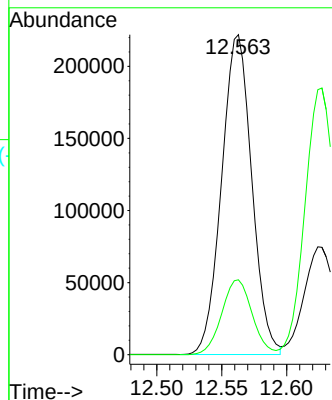
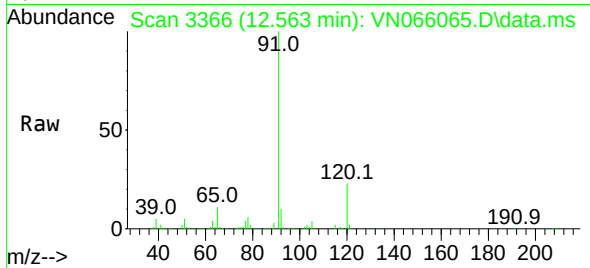
#78
n-propylbenzene
Concen: 46.31 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. 0.003 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion: 91 Resp: 358350
Ion Ratio Lower Upper
91 100
120 23.6 11.8 35.3

Instrument :
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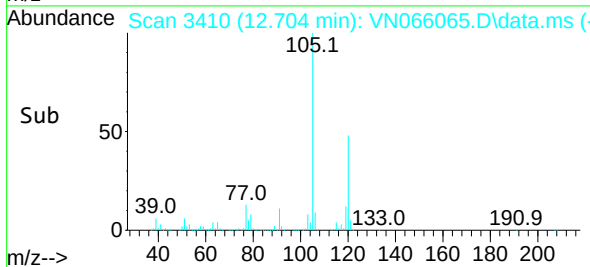
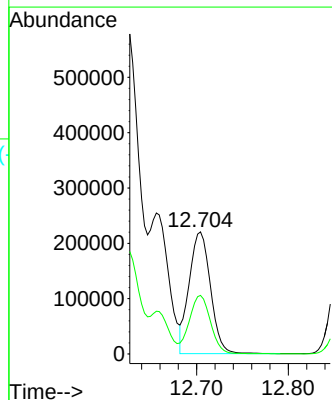
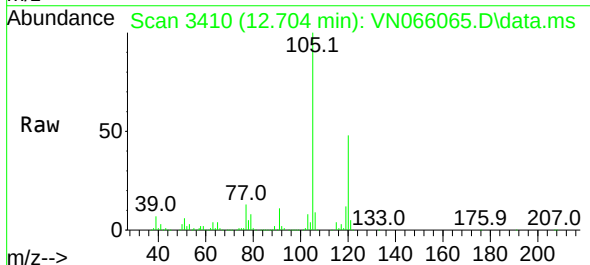
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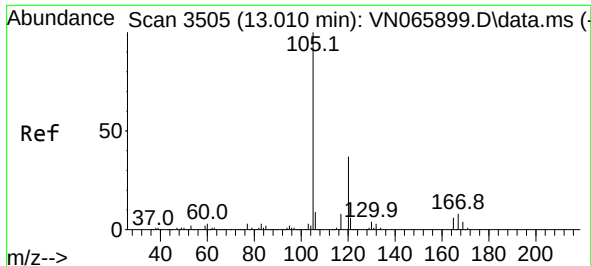
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#80
1,3,5-Trimethylbenzene
Concen: 61.25 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.003 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion: 105 Resp: 354045
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8





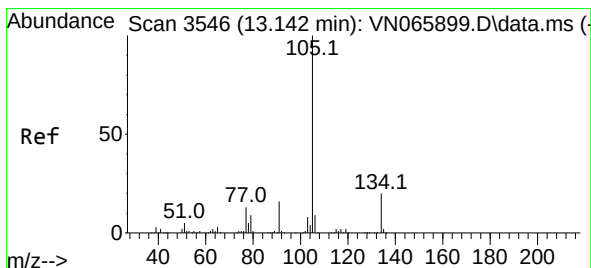
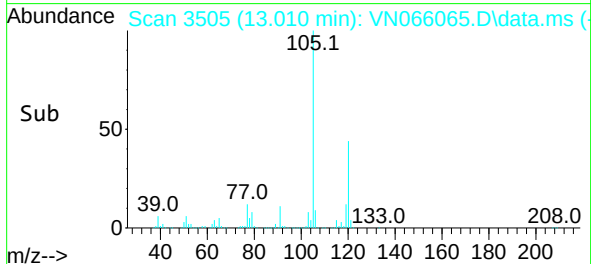
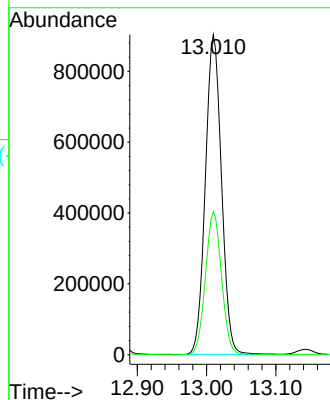
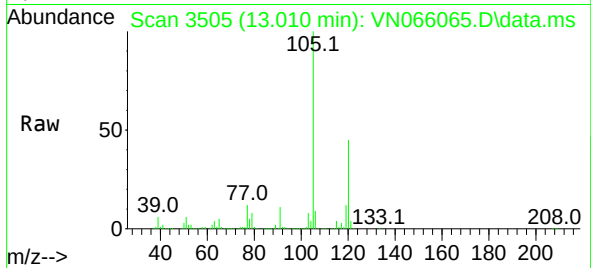
#84
1,2,4-Trimethylbenzene
Concen: 251.04 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion:105 Resp: 1456618
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.0

Instrument :
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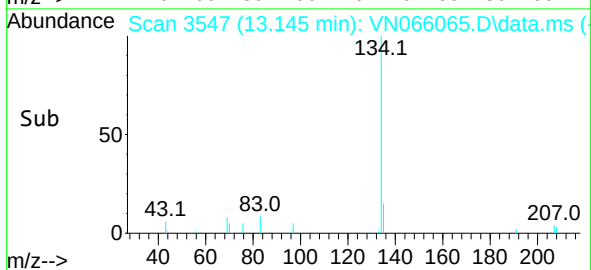
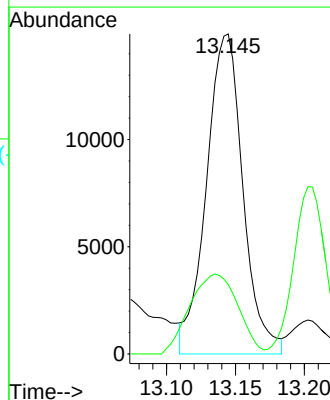
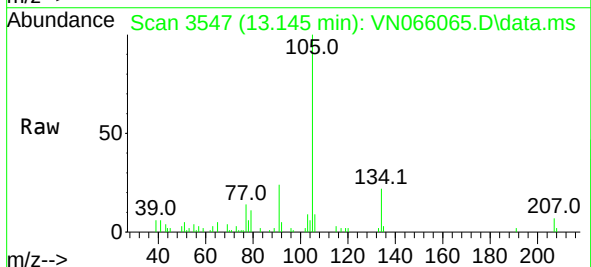
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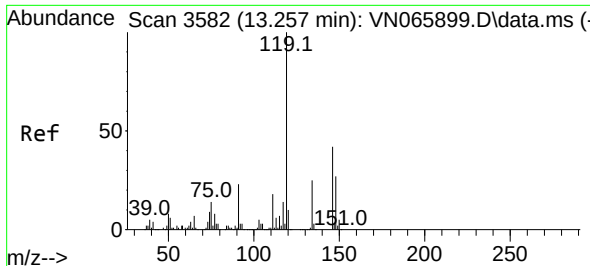
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#85
sec-Butylbenzene
Concen: 4.43 ug/l m
RT: 13.145 min Scan# 3547
Delta R.T. 0.003 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion:105 Resp: 27471
Ion Ratio Lower Upper
105 100
134 0.0 10.0 30.0#





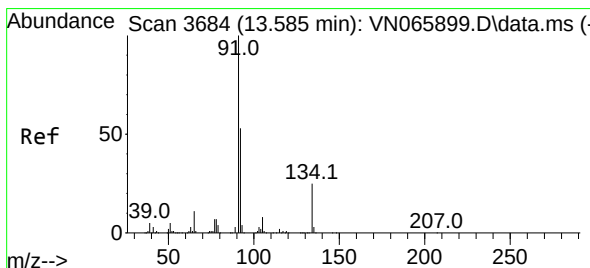
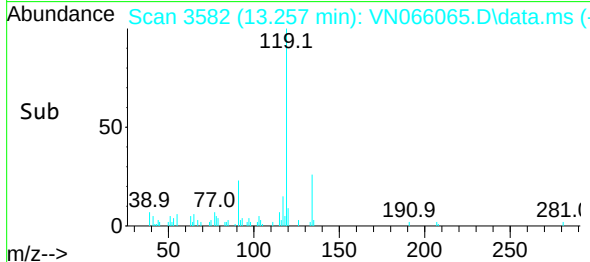
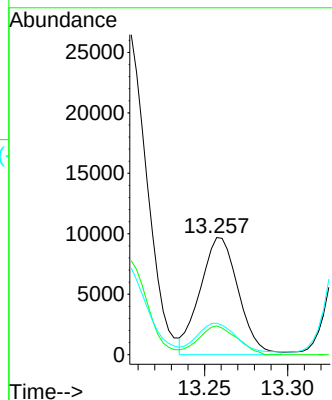
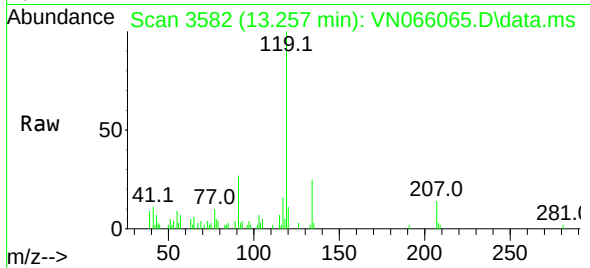
#86
p-Isopropyltoluene
Concen: 2.75 ug/l m
RT: 13.257 min Scan# 3582
Delta R.T. 0.000 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion: 119 Resp: 15480
Ion Ratio Lower Upper
119 100
134 81.5 13.3 39.8#
91 68.9 11.8 35.3#

Instrument :
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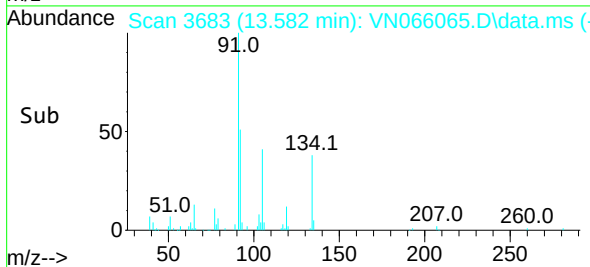
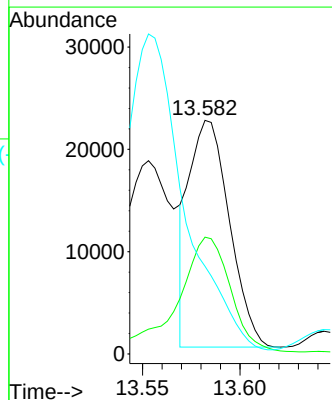
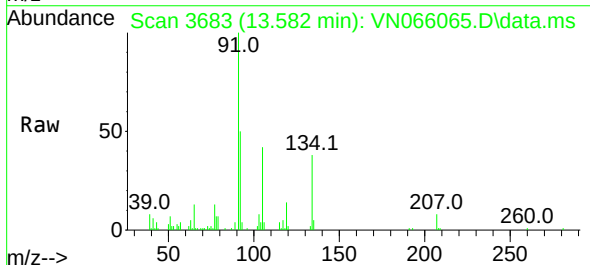
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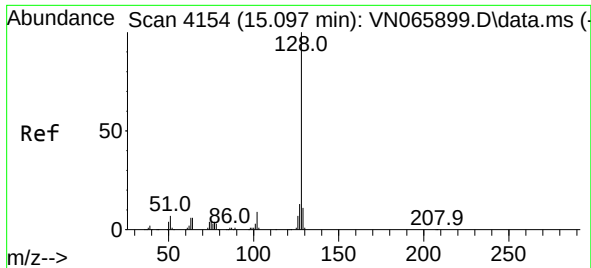
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#89
n-Butylbenzene
Concen: 6.72 ug/l
RT: 13.582 min Scan# 3683
Delta R.T. -0.003 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion: 91 Resp: 31919
Ion Ratio Lower Upper
91 100
92 66.2 26.1 78.3
134 0.0 13.0 38.9#





#95
Naphthalene
Concen: 71.06 ug/l
RT: 15.096 min Scan# 4154
Delta R.T. -0.001 min
Lab File: VN066065.D
Acq: 26 Feb 2021 20:39

Tgt Ion:128 Resp: 350223
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 11.2 8.6 13.0

Instrument :
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ClientSampleId :
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