

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
 Data File : VN065605.D
 Acq On : 26 Jan 2021 15:38
 Operator : JC/MD
 Sample : M1218-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 238

Manual Integrations
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 1/27/2021 11:13:06 AM

Quant Time: Jan 27 03:28:58 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	205770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	354502	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	297954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	112656	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	130368	48.16	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.32%		
35) Dibromofluoromethane	7.550	113	104622	49.80	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.60%		
50) Toluene-d8	10.058	98	439710	53.25	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.50%		
62) 4-Bromofluorobenzene	12.373	95	142597	47.95	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.90%		
Target Compounds					Qvalue	
16) Acetone	3.785	43	234956	222.95	ug/l	97
19) Methyl tert-butyl Ether	5.004	73	18316	2.19	ug/l #	53
22) Diisopropyl ether	5.907	45	14144	1.49	ug/l #	88
25) 2-Butanone	6.798	43	26433	16.00	ug/l	93
39) Methylcyclohexane	9.049	83	2100	0.48	ug/l	92
40) Benzene	8.000	78	591512	54.30	ug/l	99
51) 4-Methyl-2-Pentanone	9.952	43	10135	3.03	ug/l	97
52) Toluene	10.122	92	1422401	220.42	ug/l	96
67) Ethyl Benzene	11.479	91	211391	18.05	ug/l	96
68) m/p-Xylenes	11.589	106	560462	132.21	ug/l	96
69) o-Xylene	11.917	106	362695	88.29	ug/l	95
73) Isopropylbenzene	12.219	105	14528	1.47	ug/l	99
78) n-propylbenzene	12.563	91	35714	3.07	ug/l	94
80) 1,3,5-Trimethylbenzene	12.704	105	228394	27.20	ug/l	99
84) 1,2,4-Trimethylbenzene	13.010	105	902065	107.69	ug/l	100
85) sec-Butylbenzene	13.142	105	18046m	1.91	ug/l	
86) p-Isopropyltoluene	13.257	119	22286	2.67	ug/l	98
89) n-Butylbenzene	13.585	91	27602	3.68	ug/l #	60
95) Naphthalene	15.100	128	113886	17.98	ug/l	98

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

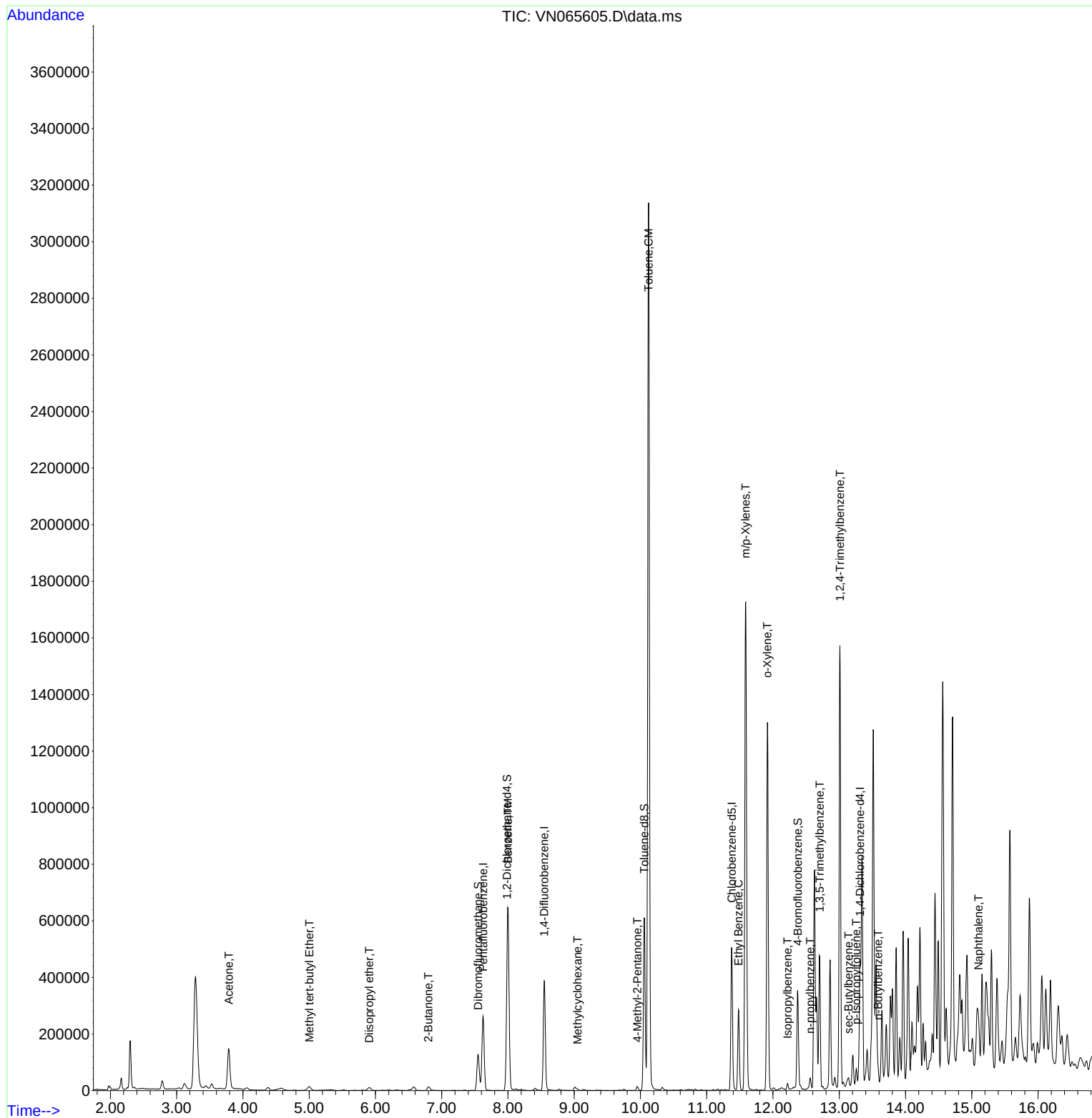
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
Data File : VN065605.D
Acq On : 26 Jan 2021 15:38
Operator : JC/MD
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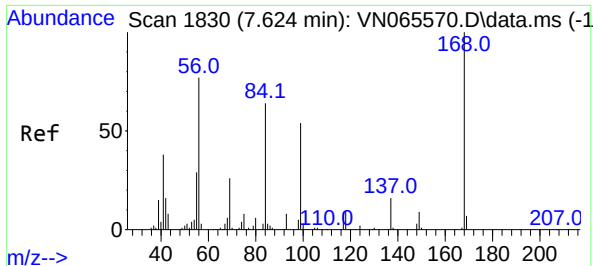
Instrument :
MSVOA_N
ClientSampleId :
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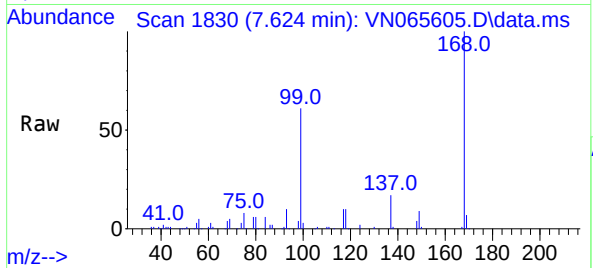
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Quant Time: Jan 27 03:28:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
Response via : Initial Calibration

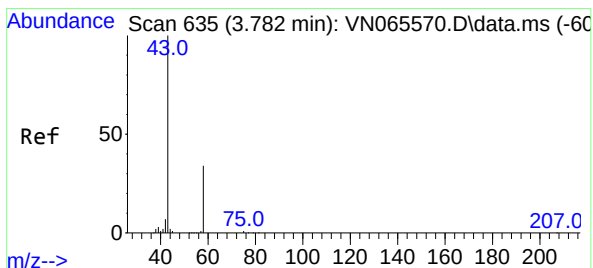
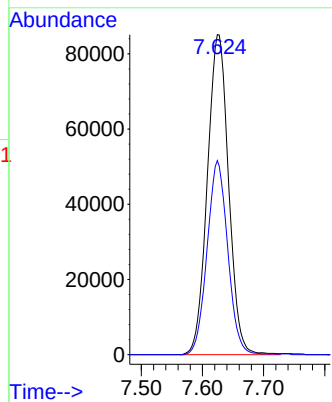
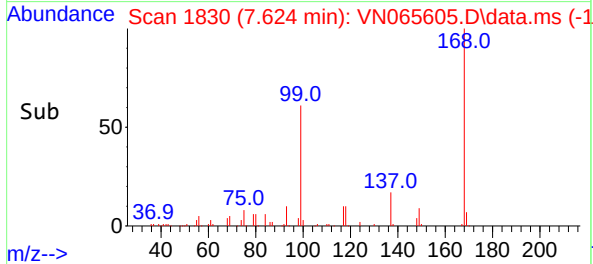




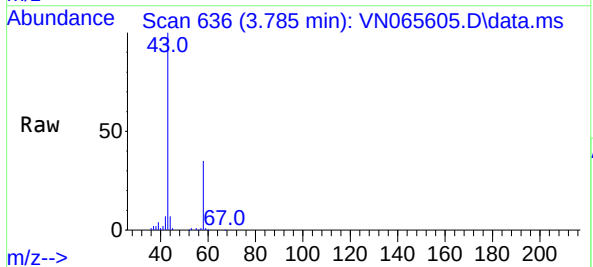
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065605.D
Acq: 26 Jan 2021 15:38



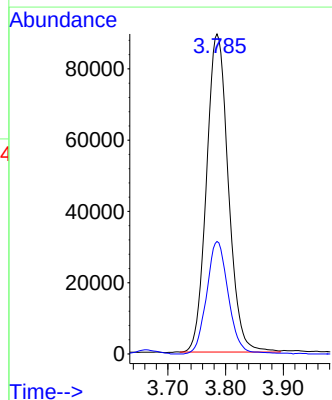
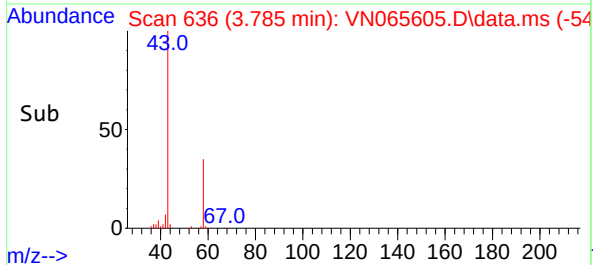
Tgt Ion: 168 Resp: 205770
Ion Ratio Lower Upper
168 100
99 60.7 42.6 63.8



#16
Acetone
Concen: 222.95 ug/l
RT: 3.785 min Scan# 636
Delta R.T. 0.003 min
Lab File: VN065605.D
Acq: 26 Jan 2021 15:38



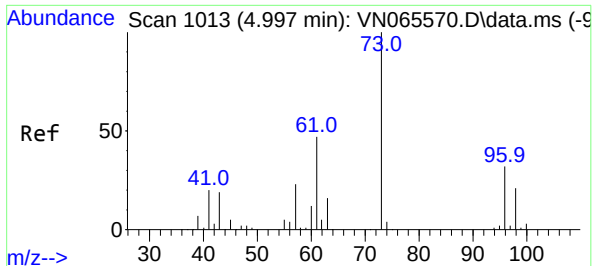
Tgt Ion: 43 Resp: 234956
Ion Ratio Lower Upper
43 100
58 35.4 27.0 40.6



Instrument :
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#19

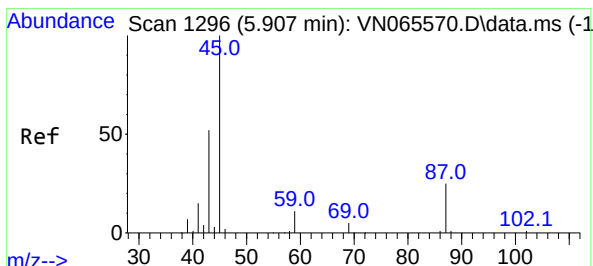
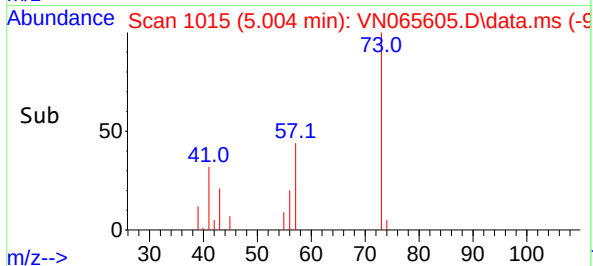
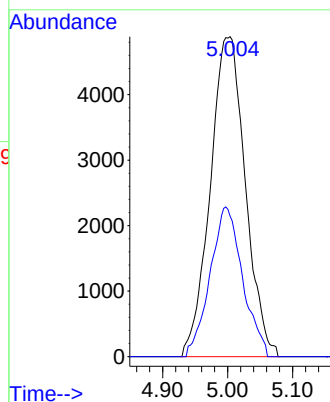
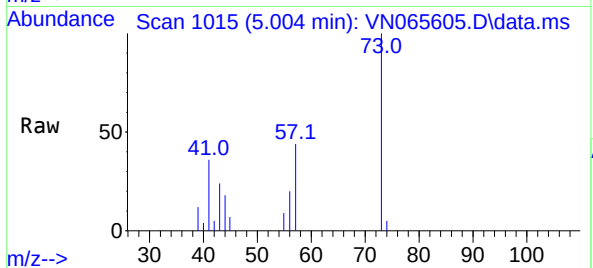
Methyl tert-butyl Ether
Concen: 2.19 ug/l
RT: 5.004 min Scan# 1015
Delta R.T. 0.007 min
Lab File: VN065605.D
Acq: 26 Jan 2021 15:38

Tgt Ion: 73 Resp: 18316
Ion Ratio Lower Upper
73 100
57 43.9 17.3 25.9#

Instrument :
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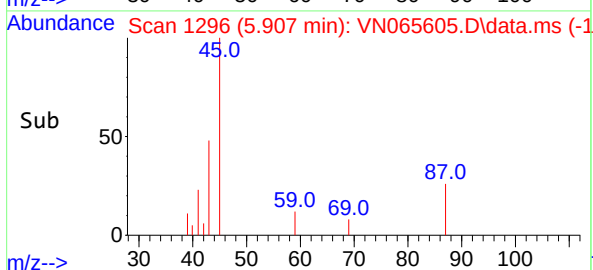
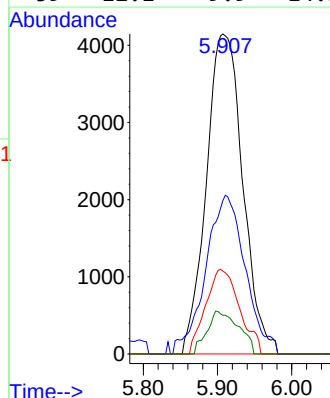
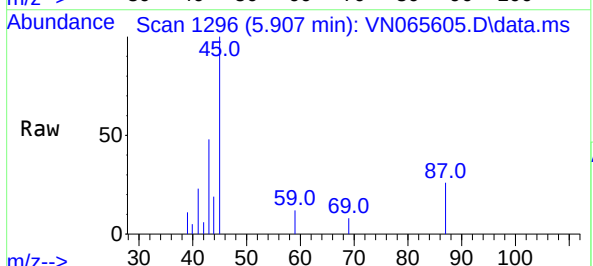
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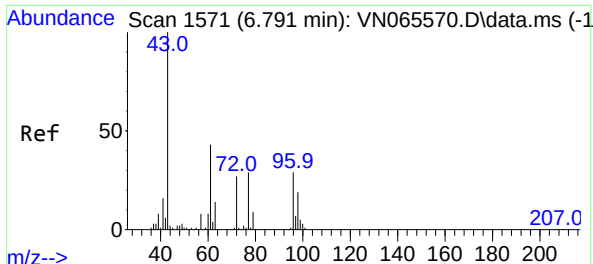


#22

Diisopropyl ether
Concen: 1.49 ug/l
RT: 5.907 min Scan# 1296
Delta R.T. 0.000 min
Lab File: VN065605.D
Acq: 26 Jan 2021 15:38

Tgt Ion: 45 Resp: 14144
Ion Ratio Lower Upper
45 100
43 48.0 48.9 73.3#
87 25.9 23.7 35.5
59 12.1 9.9 14.9



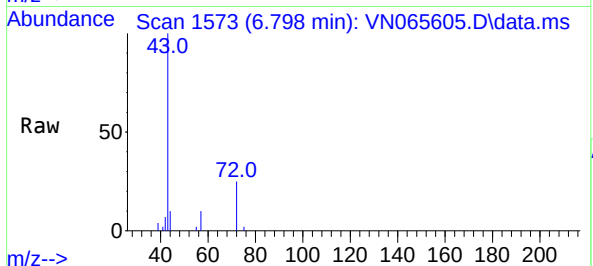


#25
2-Butanone
Concen: 16.00 ug/l
RT: 6.798 min Scan# 1573
Delta R.T. 0.007 min
Lab File: VN065605.D
Acq: 26 Jan 2021 15:38

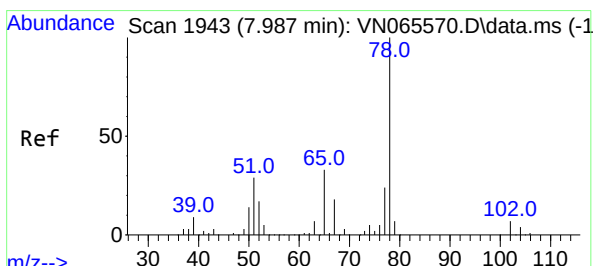
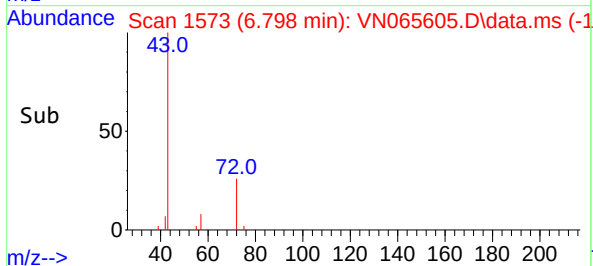
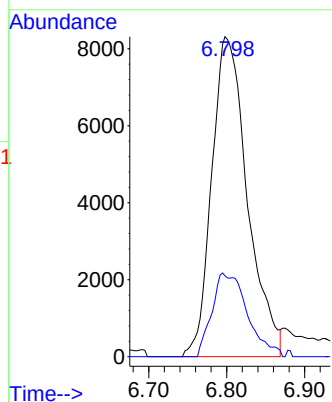
Instrument :
MSVOA_N
ClientSampled :
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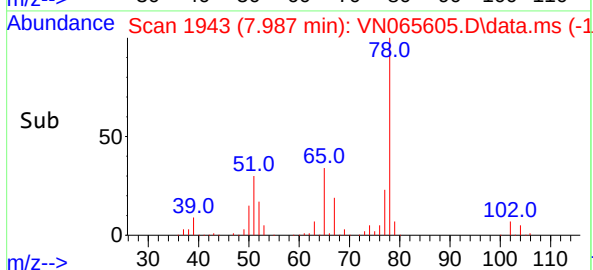
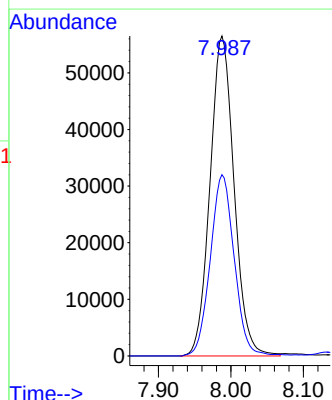
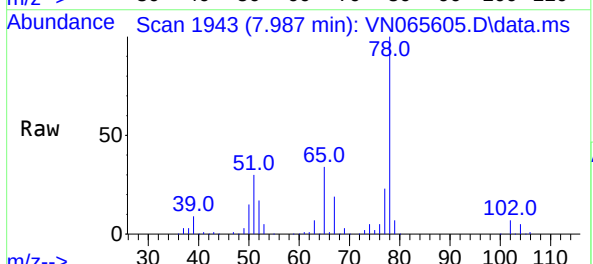


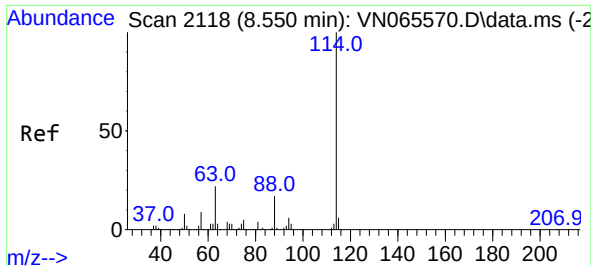
Tgt Ion: 43 Resp: 26433
Ion Ratio Lower Upper
43 100
72 25.3 23.1 34.7



#33
1,2-Dichloroethane-d4
Concen: 48.16 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065605.D
Acq: 26 Jan 2021 15:38

Tgt Ion: 65 Resp: 130368
Ion Ratio Lower Upper
65 100
67 56.4 0.0 107.2





#34

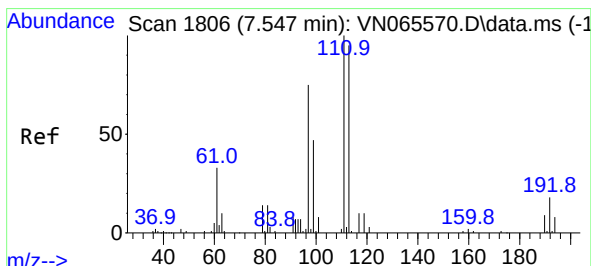
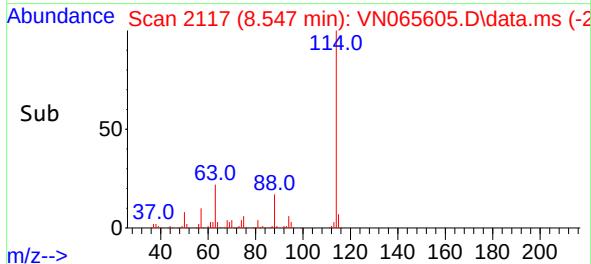
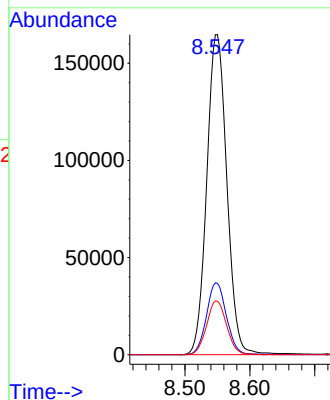
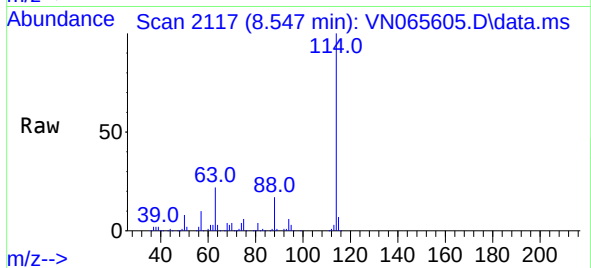
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065605.D
Acq: 26 Jan 2021 15:38

Tgt Ion:114 Resp: 354502
Ion Ratio Lower Upper
114 100
63 22.4 0.0 38.6
88 16.8 0.0 30.6

Instrument :
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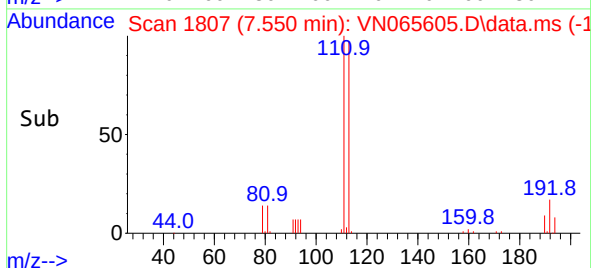
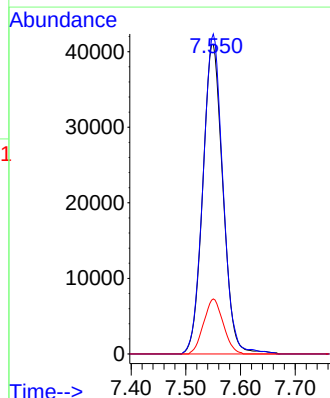
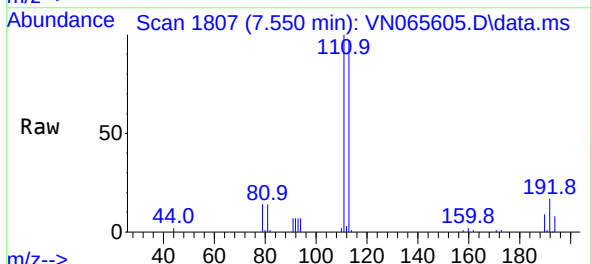
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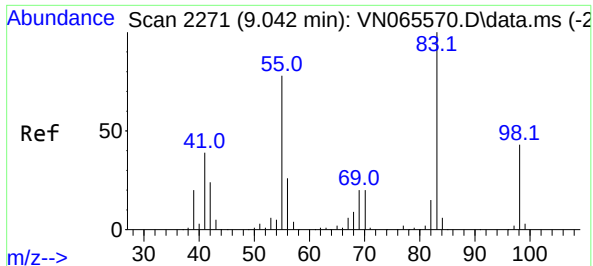


#35

Dibromofluoromethane
Concen: 49.80 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065605.D
Acq: 26 Jan 2021 15:38

Tgt Ion:113 Resp: 104622
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 17.3 15.4 23.0





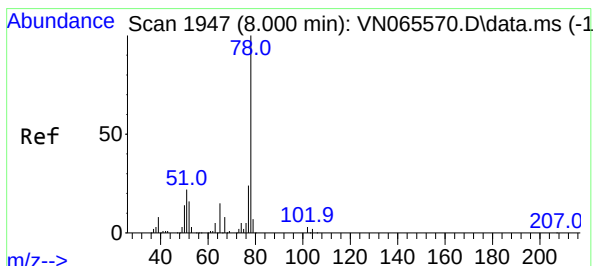
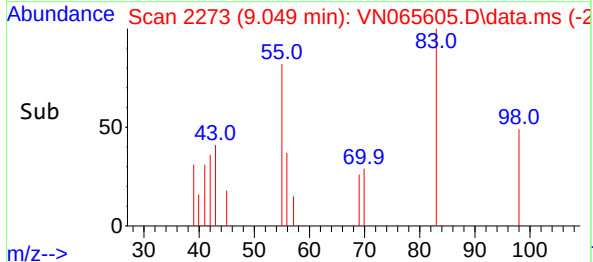
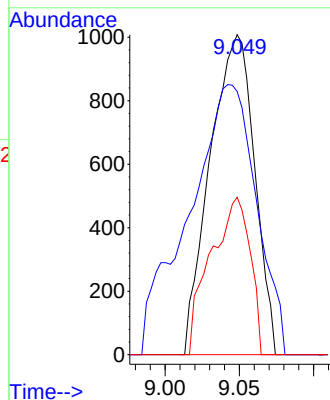
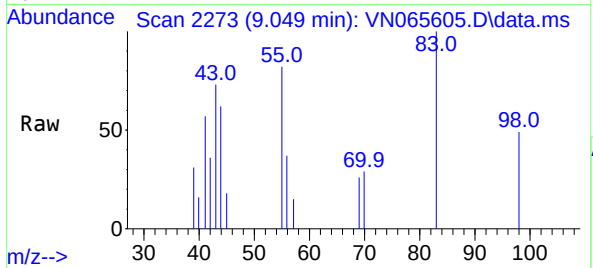
#39
Methylcyclohexane
Concen: 0.48 ug/l
RT: 9.049 min Scan# 2273
Delta R.T. 0.007 min
Lab File: VN065605.D
Acq: 26 Jan 2021 15:38

Tgt Ion: 83 Resp: 2100
Ion Ratio Lower Upper
83 100
55 66.6 58.9 88.3
98 49.2 35.9 53.9

Instrument :
MSVOA_N
ClientSampled :
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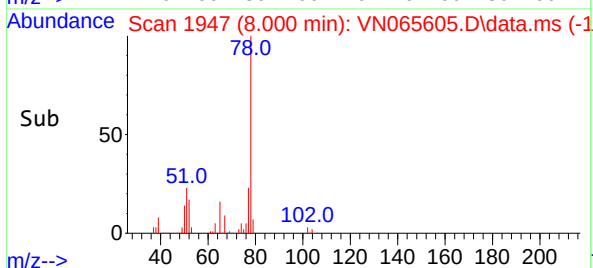
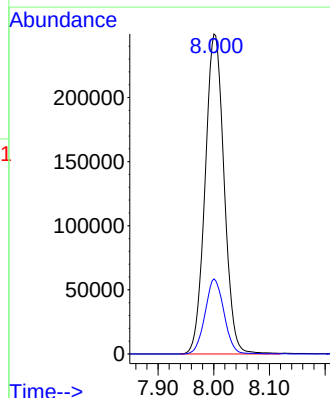
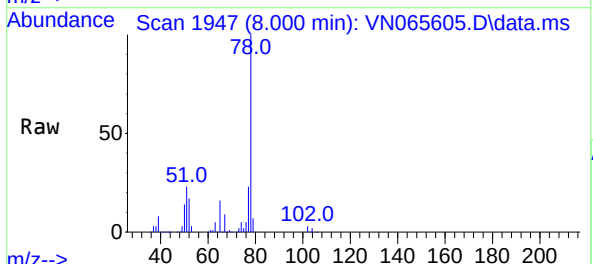
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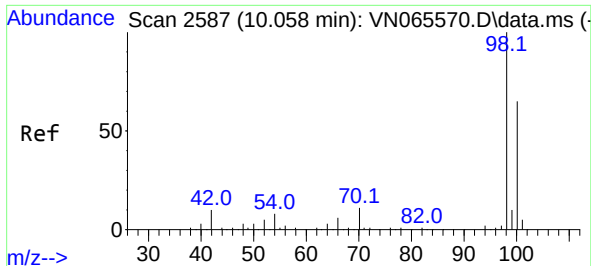
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#40
Benzene
Concen: 54.30 ug/l
RT: 8.000 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VN065605.D
Acq: 26 Jan 2021 15:38

Tgt Ion: 78 Resp: 591512
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4





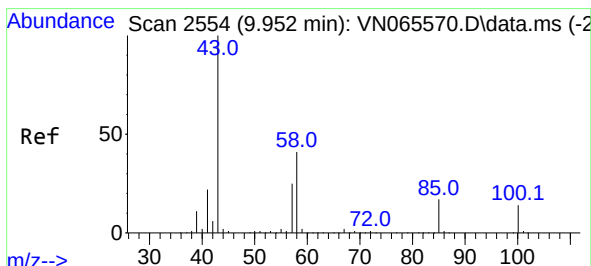
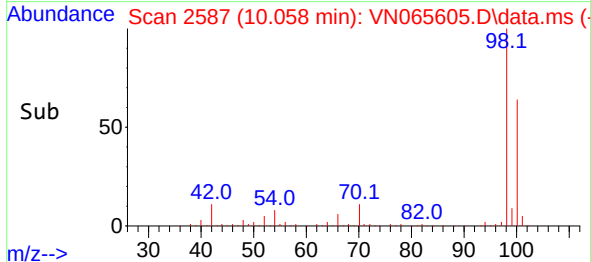
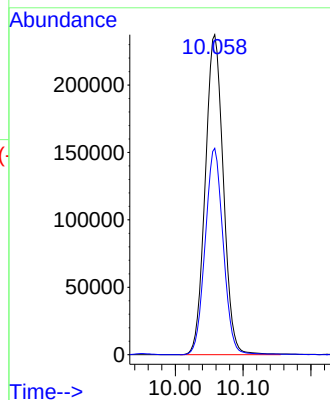
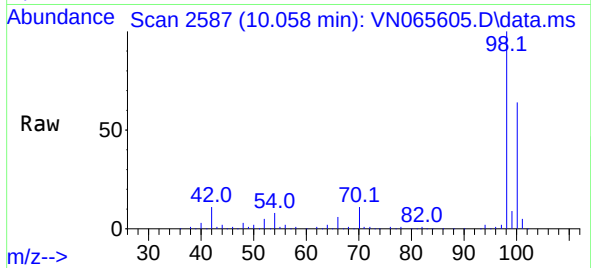
#50
Toluene-d8
Concen: 53.25 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065605.D
Acq: 26 Jan 2021 15:38

Tgt Ion: 98 Resp: 439710
Ion Ratio Lower Upper
98 100
100 64.3 50.5 75.7

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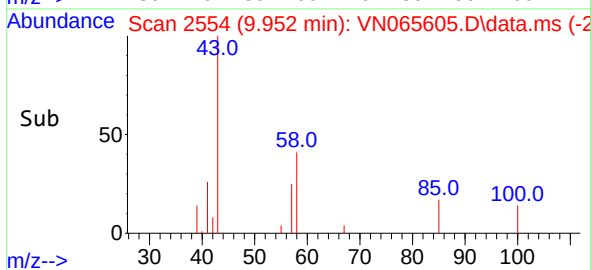
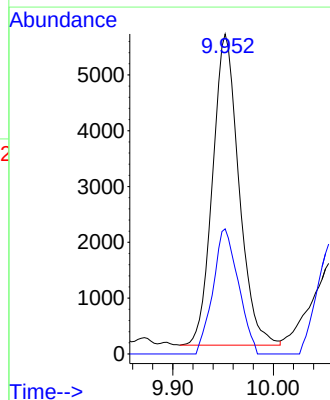
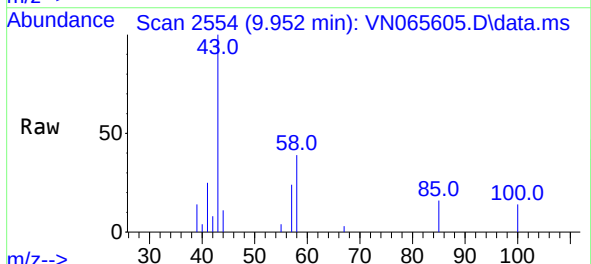
Manual Integrations
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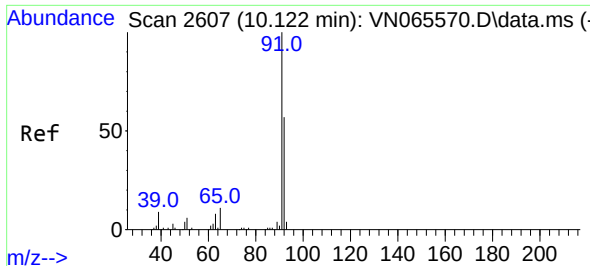
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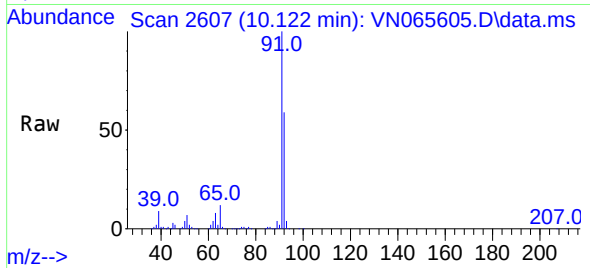
#51
4-Methyl-2-Pentanone
Concen: 3.03 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. 0.000 min
Lab File: VN065605.D
Acq: 26 Jan 2021 15:38

Tgt Ion: 43 Resp: 10135
Ion Ratio Lower Upper
43 100
58 38.7 32.5 48.7

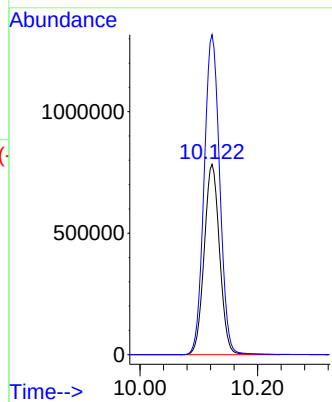




#52
Toluene
Concen: 220.42 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065605.D
Acq: 26 Jan 2021 15:38



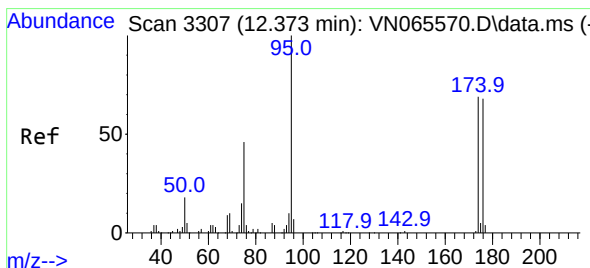
Tgt Ion: 92 Resp: 1422401
Ion Ratio Lower Upper
92 100
91 171.0 140.7 211.1



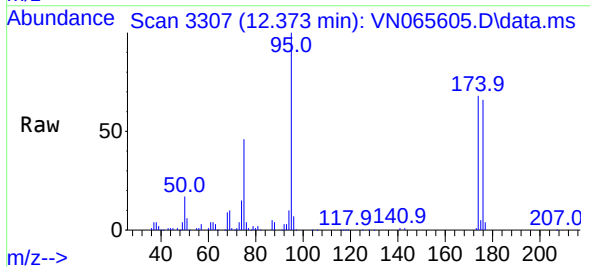
Instrument :
MSVOA_N
ClientSampled :
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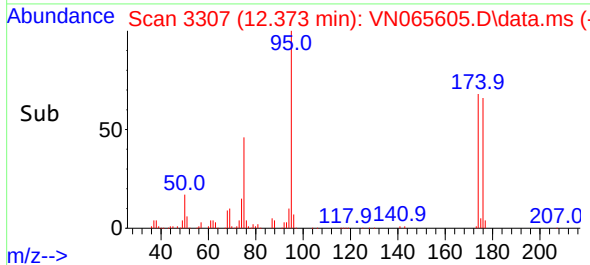
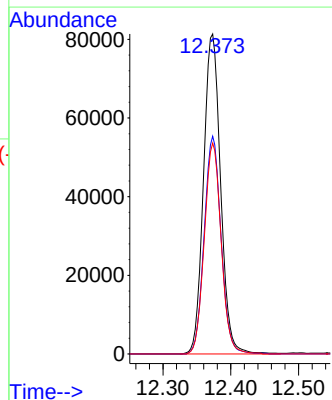
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1/27/2021 11:13:06 AM

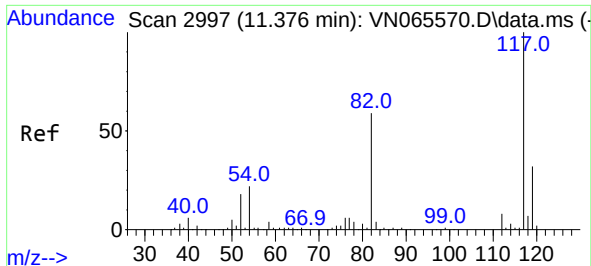


#62
4-Bromofluorobenzene
Concen: 47.95 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065605.D
Acq: 26 Jan 2021 15:38



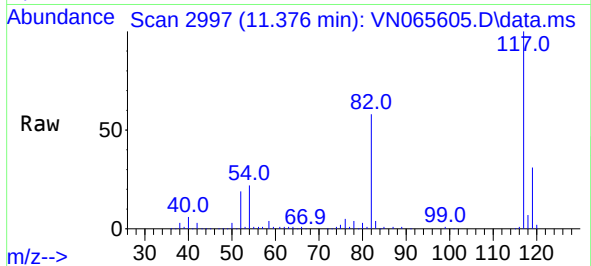
Tgt Ion: 95 Resp: 142597
Ion Ratio Lower Upper
95 100
174 67.1 0.0 169.0
176 64.9 0.0 162.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065605.D
Acq: 26 Jan 2021 15:38

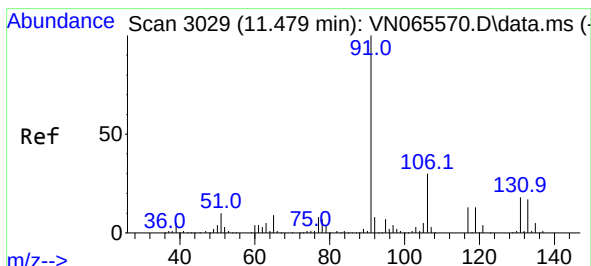
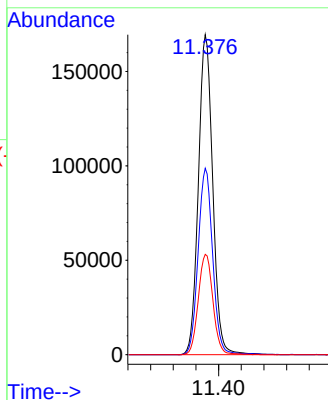
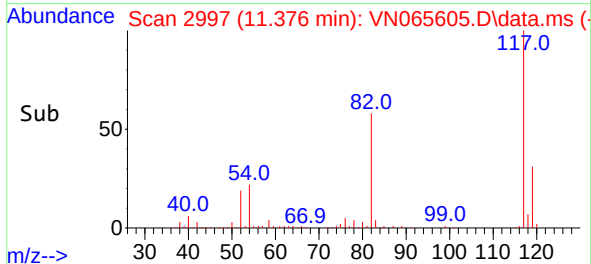
Instrument :
MSVOA_N
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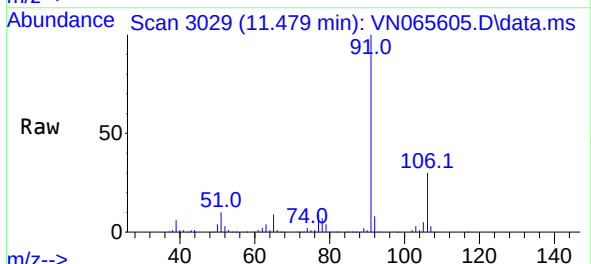
Tgt Ion:117 Resp: 297954
Ion Ratio Lower Upper
117 100
82 58.2 43.7 65.5
119 31.3 26.1 39.1

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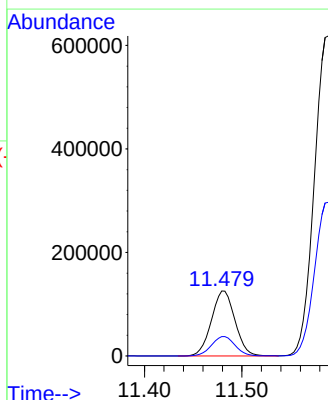
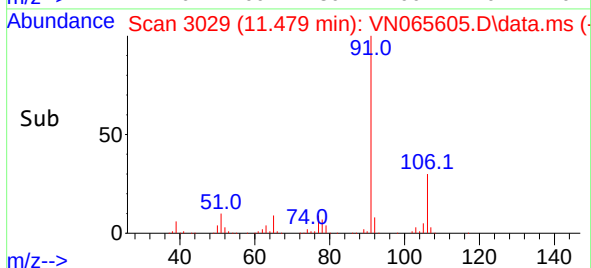
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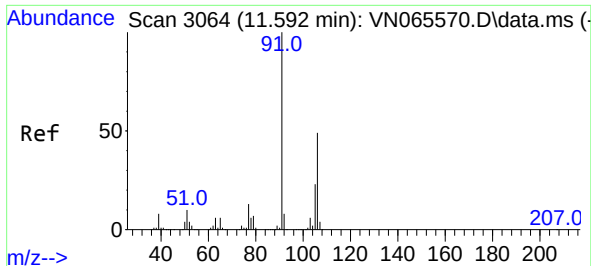


#67
Ethyl Benzene
Concen: 18.05 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN065605.D
Acq: 26 Jan 2021 15:38

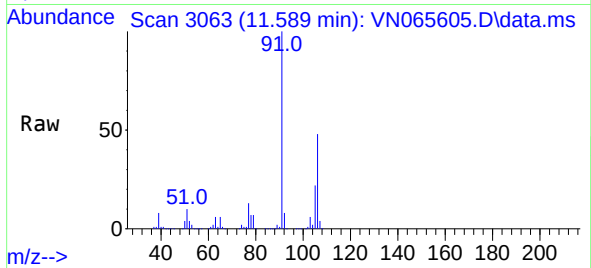


Tgt Ion: 91 Resp: 211391
Ion Ratio Lower Upper
91 100
106 29.8 25.5 38.3

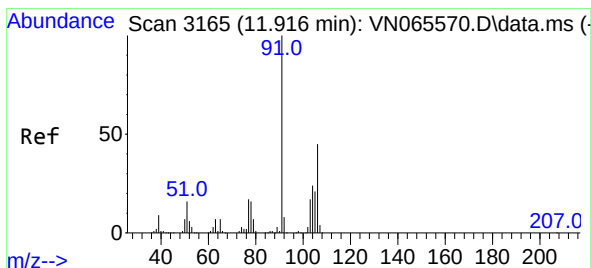
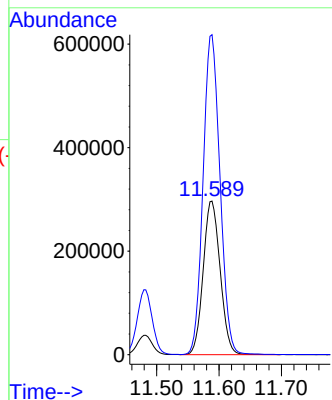




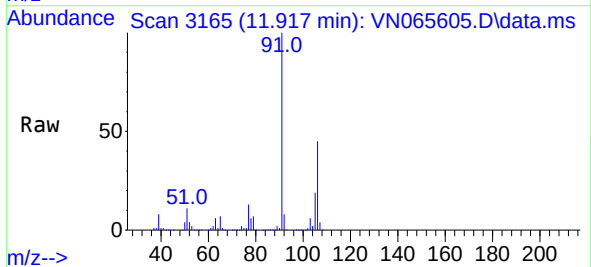
#68
m/p-Xylenes
Concen: 132.21 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.003 min
Lab File: VN065605.D
Acq: 26 Jan 2021 15:38



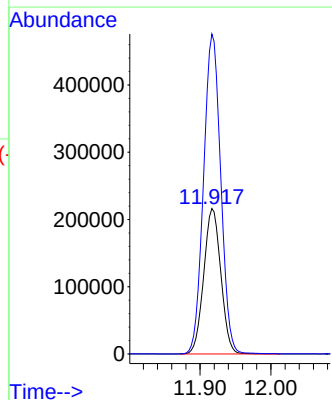
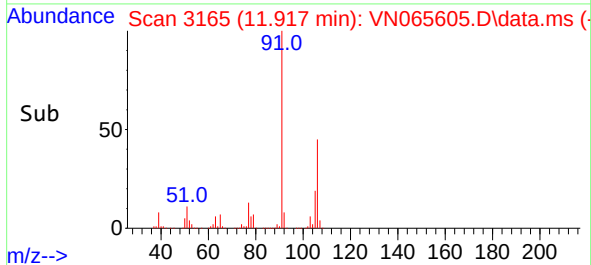
Tgt Ion:106 Resp: 560462
Ion Ratio Lower Upper
106 100
91 208.1 161.4 242.0



#69
o-Xylene
Concen: 88.29 ug/l
RT: 11.917 min Scan# 3165
Delta R.T. 0.001 min
Lab File: VN065605.D
Acq: 26 Jan 2021 15:38



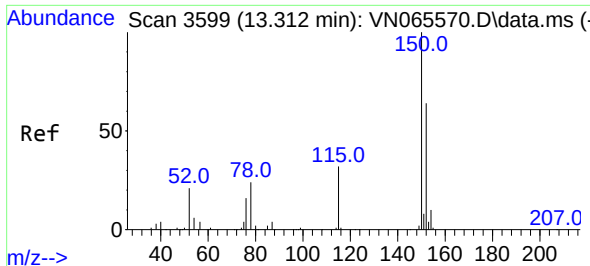
Tgt Ion:106 Resp: 362695
Ion Ratio Lower Upper
106 100
91 221.3 106.8 320.4



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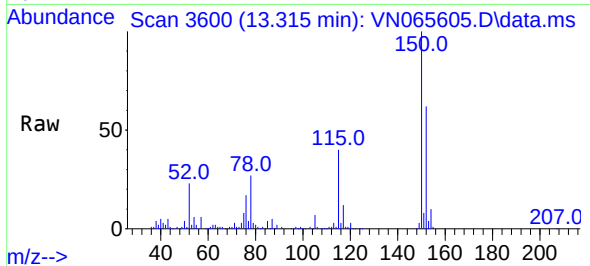
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065605.D
Acq: 26 Jan 2021 15:38

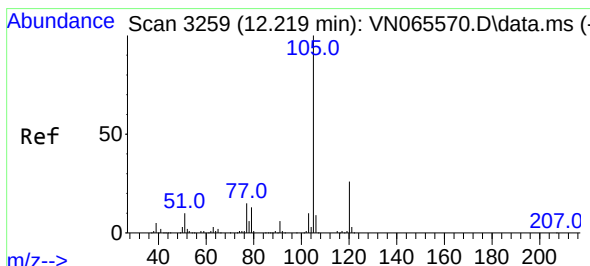
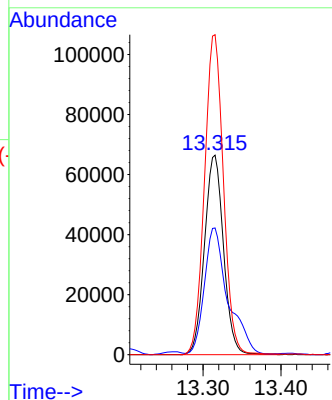
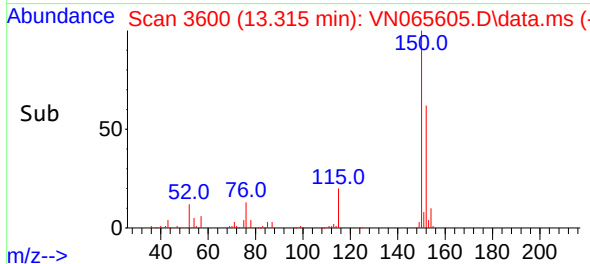
Instrument :
MSVOA_N
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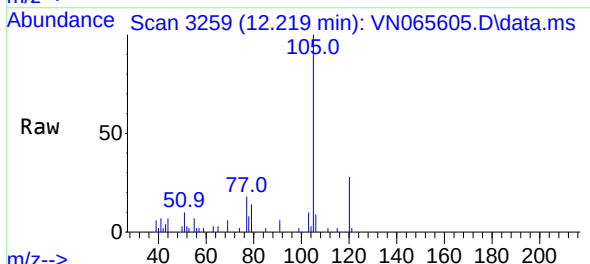
Tgt Ion:152 Resp: 112656
Ion Ratio Lower Upper
152 100
115 77.9 28.5 85.6
150 159.6 0.0 347.6

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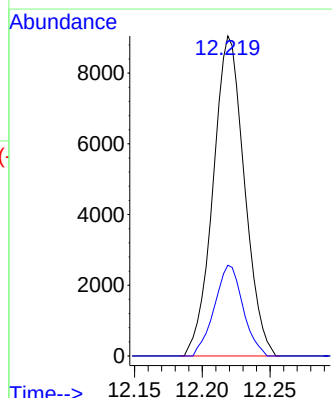
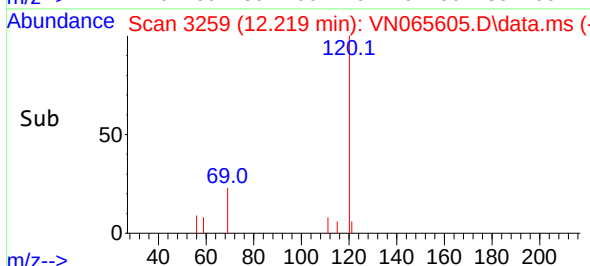
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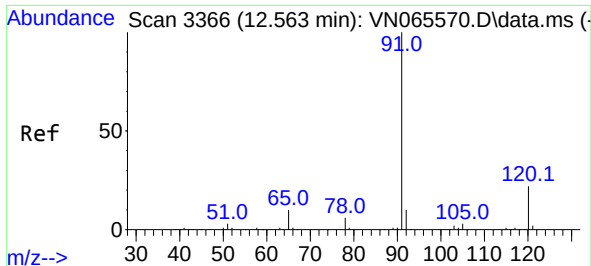


#73
Isopropylbenzene
Concen: 1.47 ug/l
RT: 12.219 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VN065605.D
Acq: 26 Jan 2021 15:38



Tgt Ion:105 Resp: 14528
Ion Ratio Lower Upper
105 100
120 25.9 13.3 39.9





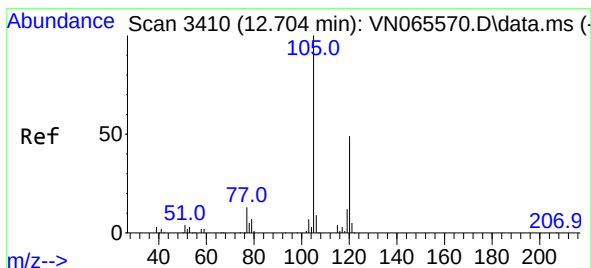
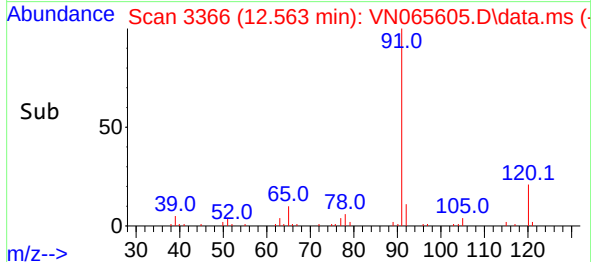
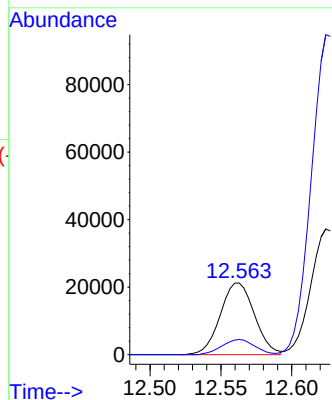
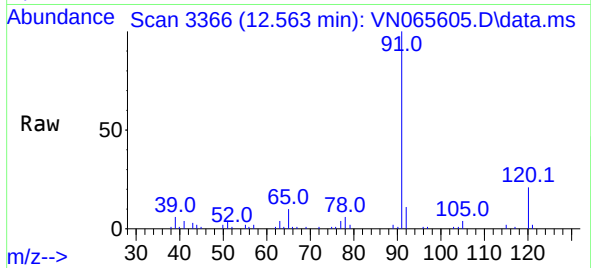
#78
n-propylbenzene
Concen: 3.07 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. -0.000 min
Lab File: VN065605.D
Acq: 26 Jan 2021 15:38

Tgt Ion: 91 Resp: 35714
Ion Ratio Lower Upper
91 100
120 20.5 11.8 35.3

Instrument :
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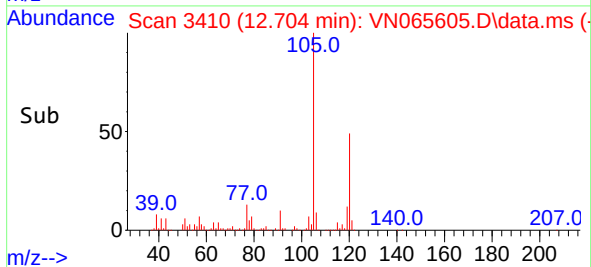
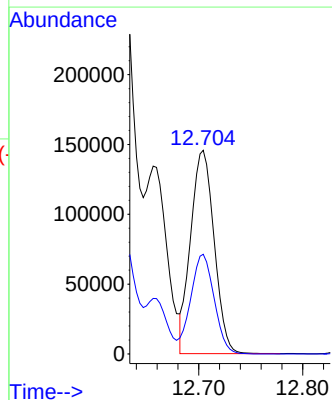
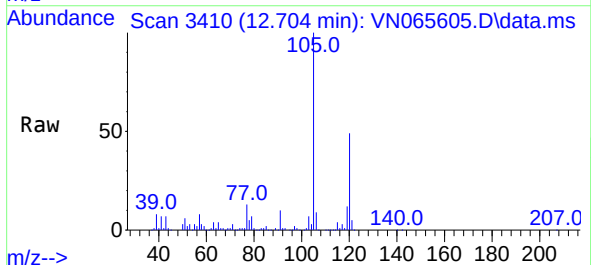
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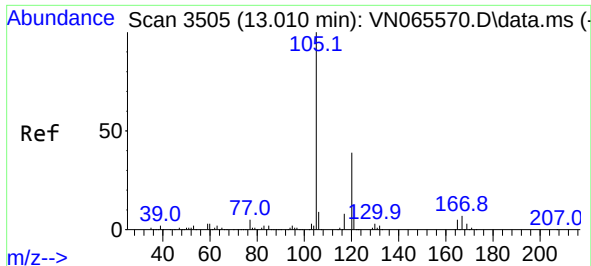
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#80
1,3,5-Trimethylbenzene
Concen: 27.20 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065605.D
Acq: 26 Jan 2021 15:38

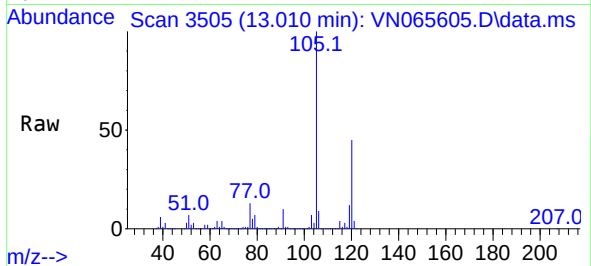
Tgt Ion:105 Resp: 228394
Ion Ratio Lower Upper
105 100
120 49.3 24.3 72.8





#84
1,2,4-Trimethylbenzene
Concen: 107.69 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN065605.D
Acq: 26 Jan 2021 15:38

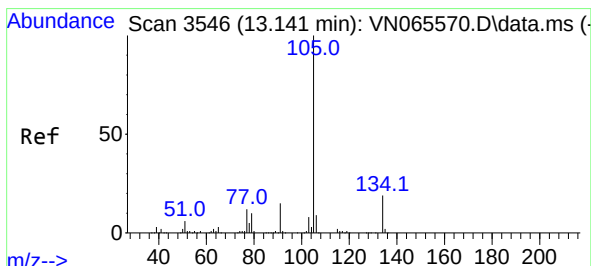
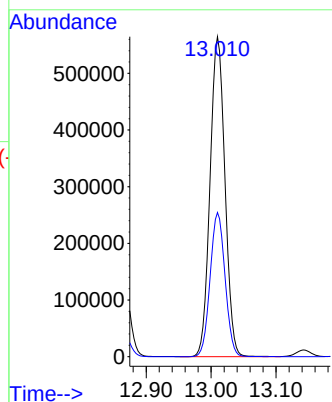
Instrument :
MSVOA_N
ClientSampled :
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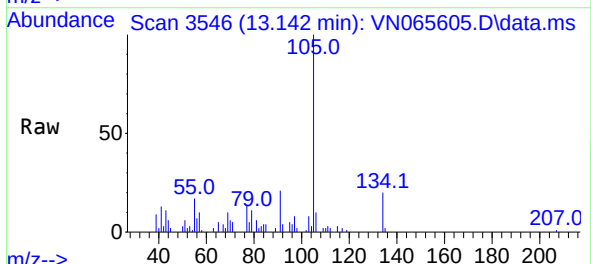
Tgt Ion:105 Resp: 902065
Ion Ratio Lower Upper
105 100
120 45.0 22.4 67.0

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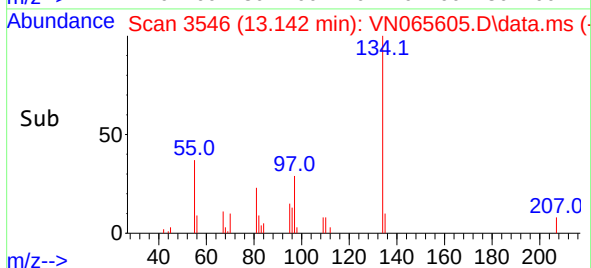
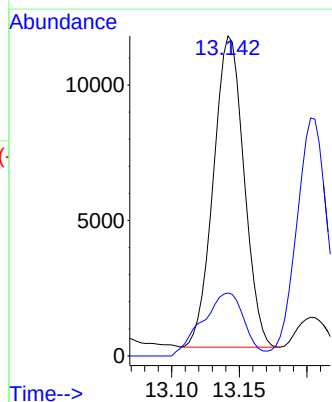
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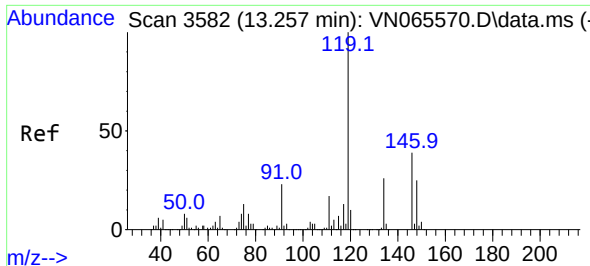


#85
sec-Butylbenzene
Concen: 1.91 ug/l m
RT: 13.142 min Scan# 3546
Delta R.T. 0.001 min
Lab File: VN065605.D
Acq: 26 Jan 2021 15:38

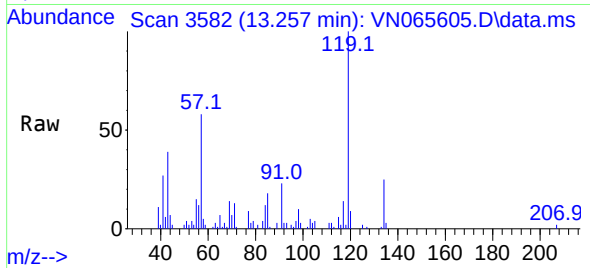


Tgt Ion:105 Resp: 18046
Ion Ratio Lower Upper
105 100
134 0.0 10.0 30.0#

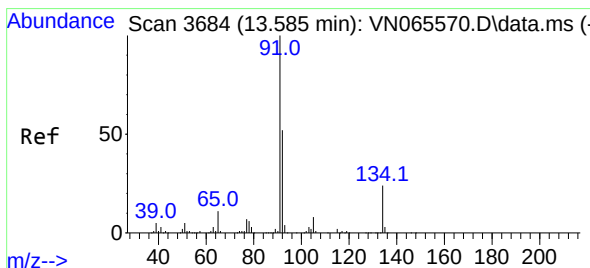
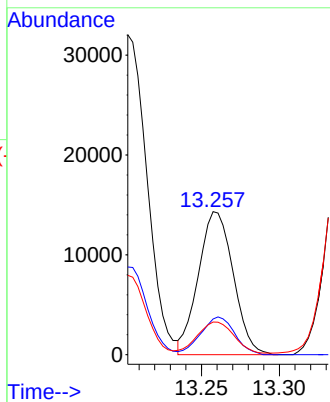
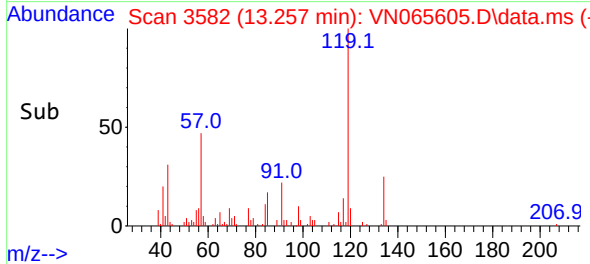




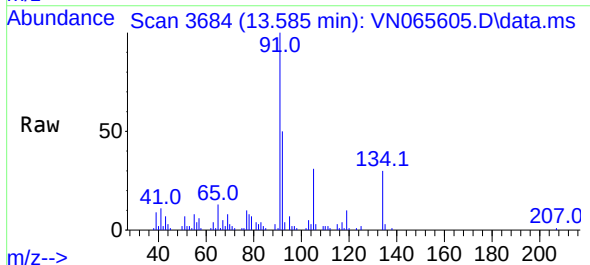
#86
p-Isopropyltoluene
Concen: 2.67 ug/l
RT: 13.257 min Scan# 3582
Delta R.T. 0.000 min
Lab File: VN065605.D
Acq: 26 Jan 2021 15:38



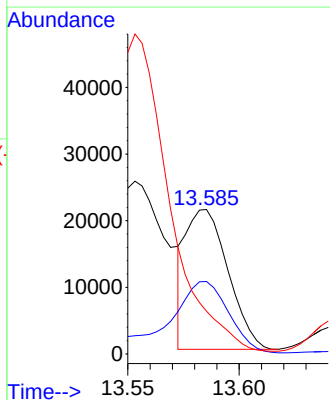
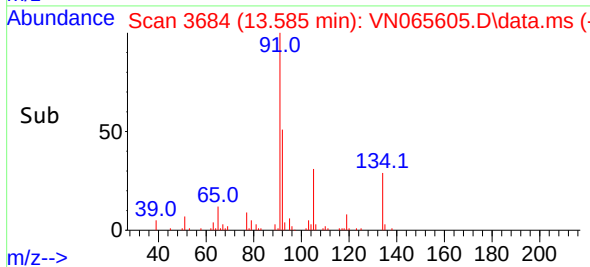
Tgt Ion: 119 Resp: 22286
Ion Ratio Lower Upper
119 100
134 25.6 13.3 39.8
91 22.4 11.8 35.3



#89
n-Butylbenzene
Concen: 3.68 ug/l
RT: 13.585 min Scan# 3684
Delta R.T. 0.000 min
Lab File: VN065605.D
Acq: 26 Jan 2021 15:38



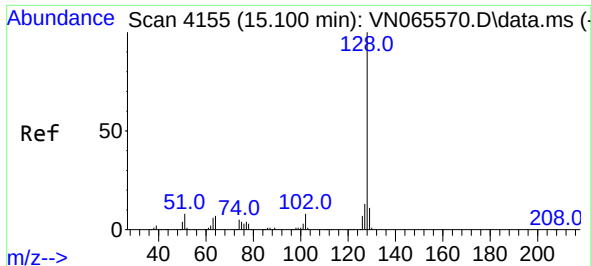
Tgt Ion: 91 Resp: 27602
Ion Ratio Lower Upper
91 100
92 76.4 26.1 78.3
134 0.0 13.0 38.9#



Instrument :
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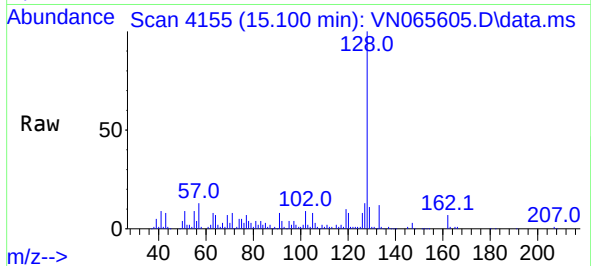
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#95
Naphthalene
Concen: 17.98 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. -0.000 min
Lab File: VN065605.D
Acq: 26 Jan 2021 15:38

Instrument :
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Tgt Ion:128 Resp: 113886
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.2
129 11.8 8.6 13.0

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