

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
 Data File : VN065625.D
 Acq On : 27 Jan 2021 13:21
 Operator : JC/MD
 Sample : M1190-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41054

Manual Integrations
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 1/28/2021 2:13:59 PM

Quant Time: Jan 28 02:12:06 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	7.627	168	213859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	372698	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	326531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	135387	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	134836	47.92	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.84%		
35) Dibromofluoromethane	7.550	113	107809	48.81	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.62%		
50) Toluene-d8	10.058	98	466756	53.76	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.52%		
62) 4-Bromofluorobenzene	12.370	95	159173	50.92	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.84%		
Target Compounds					Qvalue	
16) Acetone	3.785	43	122971	112.27	ug/l	99
19) Methyl tert-butyl Ether	5.000	73	26438	3.04	ug/l #	82
20) Methylene Chloride	4.505	84	2251	0.74	ug/l	94
22) Diisopropyl ether	5.910	45	23632	2.40	ug/l #	84
25) 2-Butanone	6.801	43	17713	10.31	ug/l	98
39) Methylcyclohexane	9.045	83	16289	3.56	ug/l	88
40) Benzene	8.003	78	499028	43.57	ug/l	100
52) Toluene	10.122	92	2676602	394.52	ug/l	90
67) Ethyl Benzene	11.479	91	1305509	101.74	ug/l	97
68) m/p-Xylenes	11.588	106	1990128	428.38	ug/l	96
69) o-Xylene	11.916	106	1108199	246.17	ug/l	99
73) Isopropylbenzene	12.219	105	135751	11.45	ug/l	99
78) n-propylbenzene	12.559	91	533388	38.18	ug/l	96
80) 1,3,5-Trimethylbenzene	12.704	105	827190	81.96	ug/l	99
84) 1,2,4-Trimethylbenzene	13.010	105	3265337	324.37	ug/l	96
85) sec-Butylbenzene	13.141	105	51825m	4.56	ug/l	
86) p-Isopropyltoluene	13.260	119	36042m	3.59	ug/l	
89) n-Butylbenzene	13.582	91	77346	8.58	ug/l #	63
95) Naphthalene	15.096	128	913295	100.38	ug/l	100

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

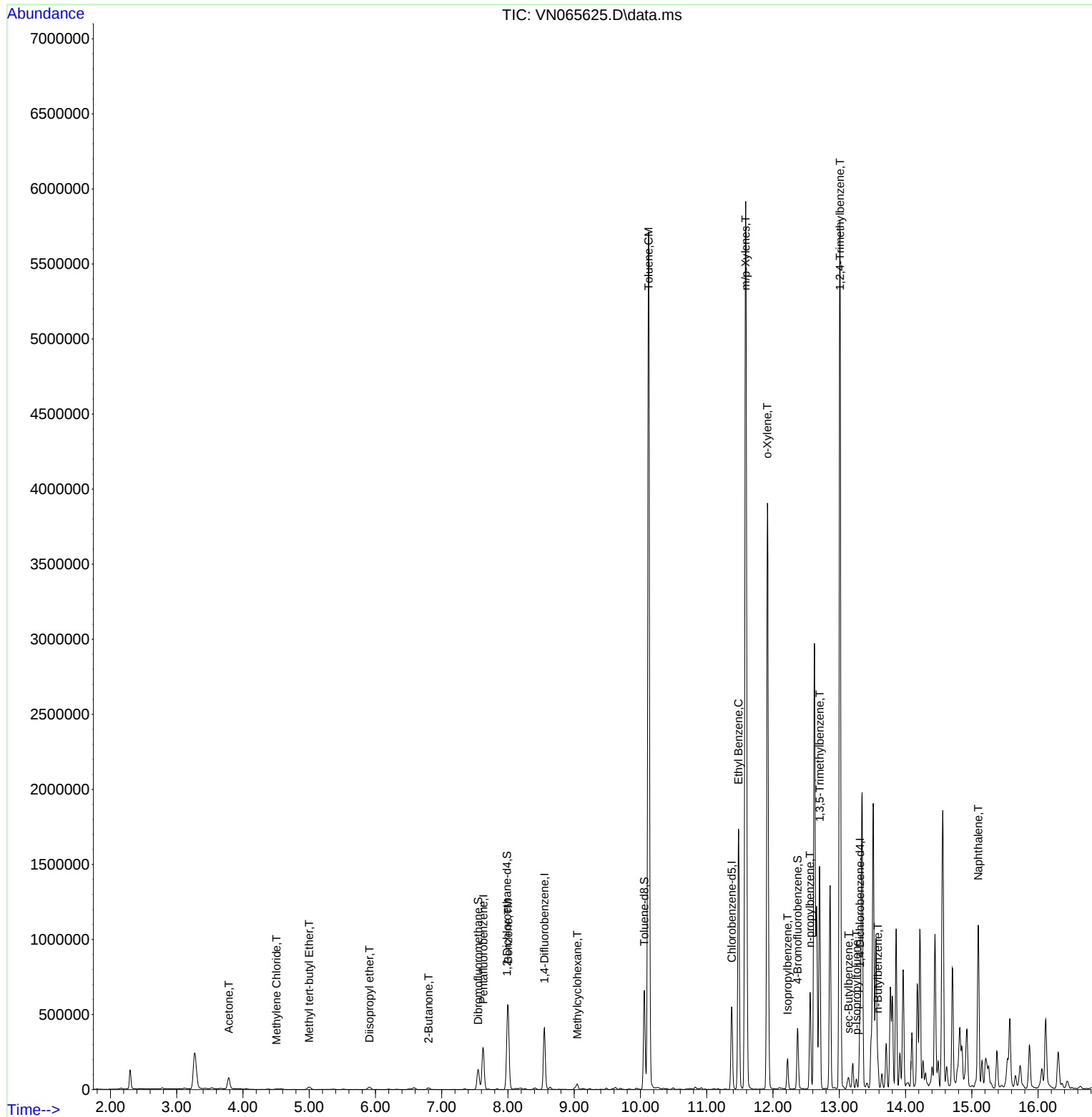
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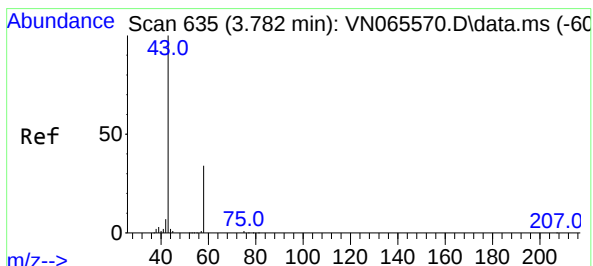
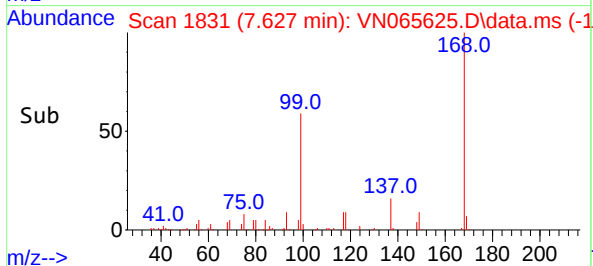
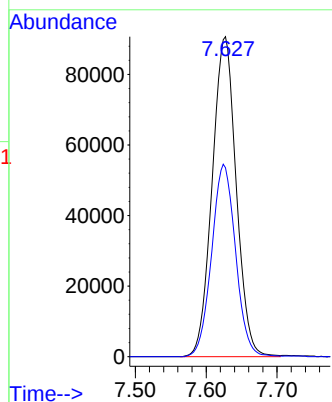
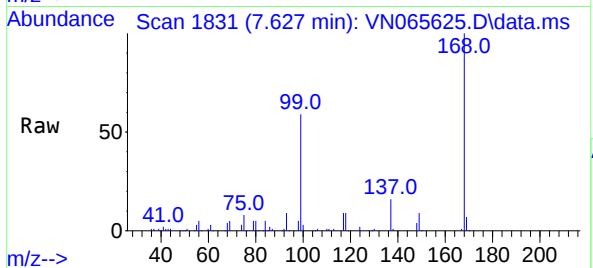
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.003 min
Lab File: VN065625.D
Acq: 27 Jan 2021 13:21

Tgt Ion:168 Resp: 213859
Ion Ratio Lower Upper
168 100
99 59.0 42.6 63.8

Instrument :
MSVOA_N
ClientSampled :
41054

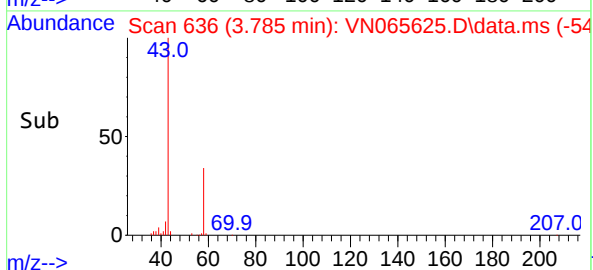
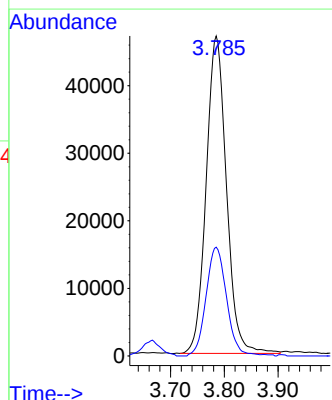
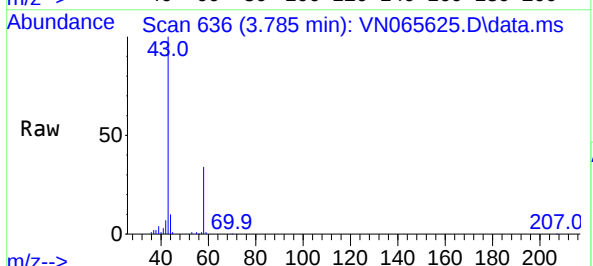
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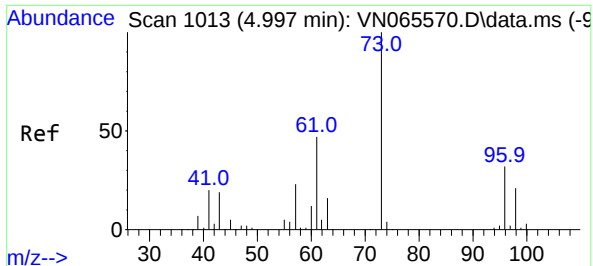
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1/28/2021 2:13:59 PM



#16
Acetone
Concen: 112.27 ug/l
RT: 3.785 min Scan# 636
Delta R.T. 0.003 min
Lab File: VN065625.D
Acq: 27 Jan 2021 13:21

Tgt Ion: 43 Resp: 122971
Ion Ratio Lower Upper
43 100
58 34.3 27.0 40.6





#19

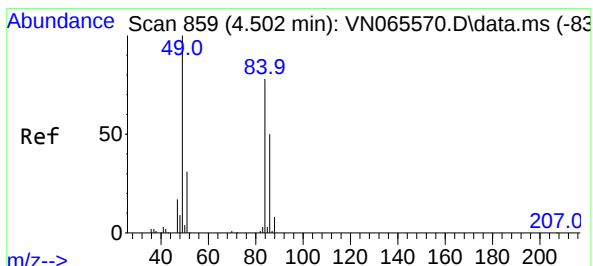
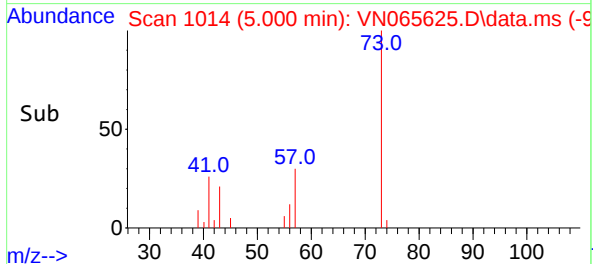
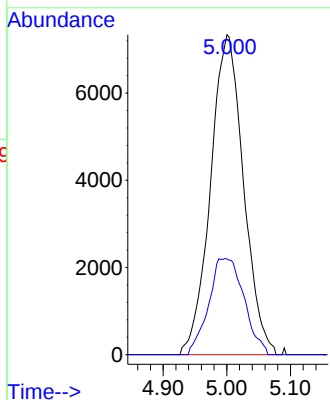
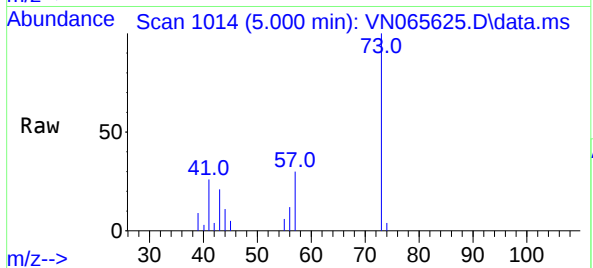
Methyl tert-butyl Ether
Concen: 3.04 ug/l
RT: 5.000 min Scan# 1014
Delta R.T. 0.003 min
Lab File: VN065625.D
Acq: 27 Jan 2021 13:21

Tgt Ion: 73 Resp: 26438
Ion Ratio Lower Upper
73 100
57 29.9 17.3 25.9#

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MSVOA_N
ClientSampled :
41054

Manual Integrations
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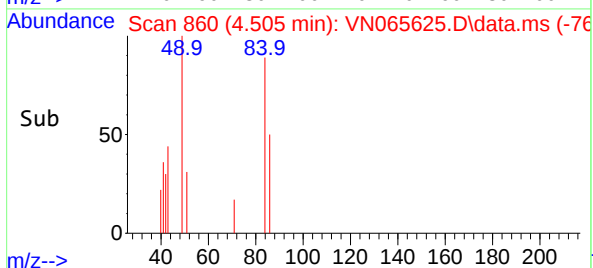
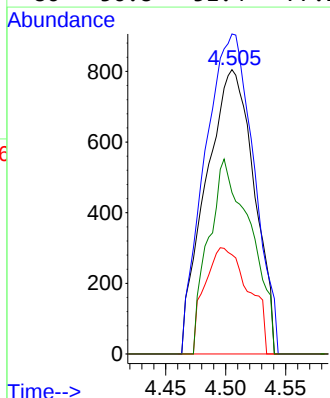
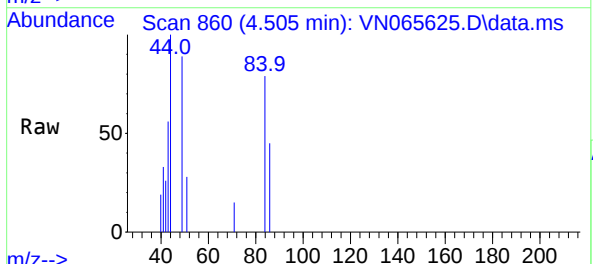
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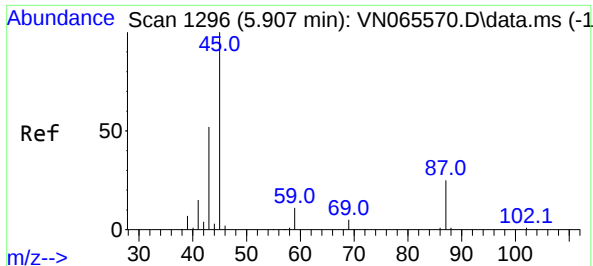


#20

Methylene Chloride
Concen: 0.74 ug/l
RT: 4.505 min Scan# 860
Delta R.T. 0.003 min
Lab File: VN065625.D
Acq: 27 Jan 2021 13:21

Tgt Ion: 84 Resp: 2251
Ion Ratio Lower Upper
84 100
49 112.5 94.6 141.8
51 34.9 29.9 44.9
86 56.8 51.4 77.2





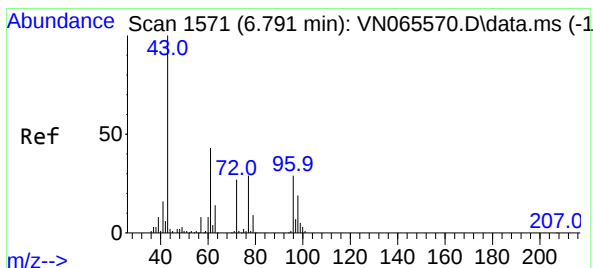
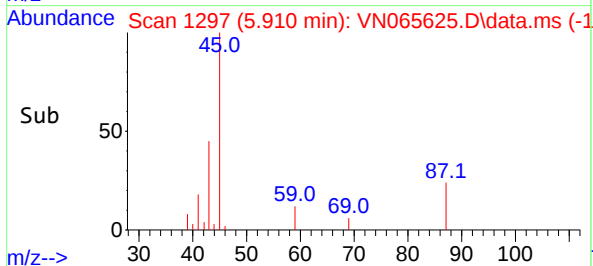
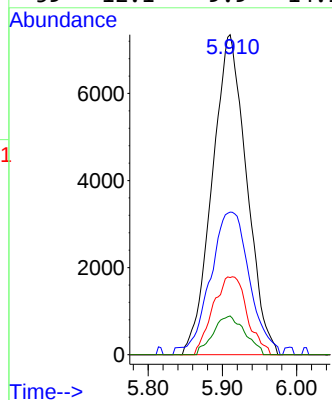
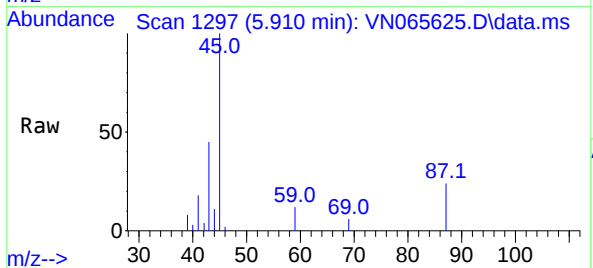
#22
Diisopropyl ether
Concen: 2.40 ug/l
RT: 5.910 min Scan# 1297
Delta R.T. 0.003 min
Lab File: VN065625.D
Acq: 27 Jan 2021 13:21

Tgt Ion: 45	Resp: 23632
Ion Ratio	Lower Upper
45 100	
43 44.5	48.9 73.3#
87 24.1	23.7 35.5
59 12.1	9.9 14.9

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MSVOA_N
ClientSampled :
41054

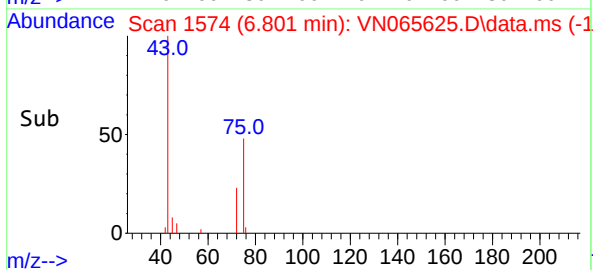
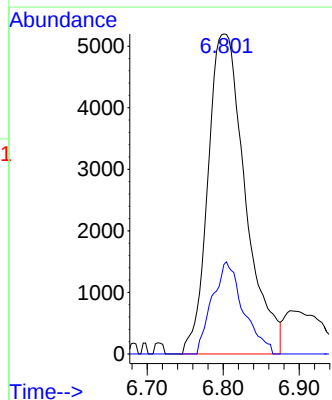
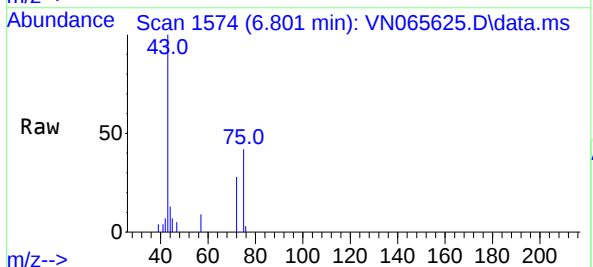
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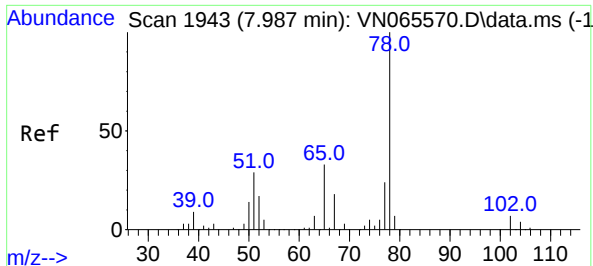
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1/28/2021 2:13:59 PM



#25
2-Butanone
Concen: 10.31 ug/l
RT: 6.801 min Scan# 1574
Delta R.T. 0.010 min
Lab File: VN065625.D
Acq: 27 Jan 2021 13:21

Tgt Ion: 43	Resp: 17713
Ion Ratio	Lower Upper
43 100	
72 27.9	23.1 34.7





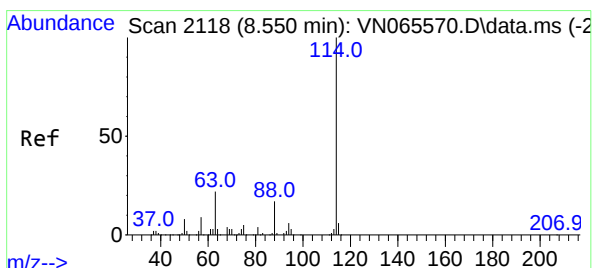
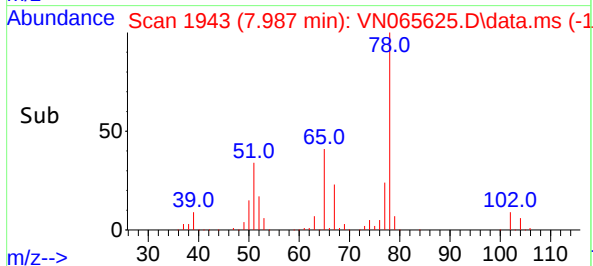
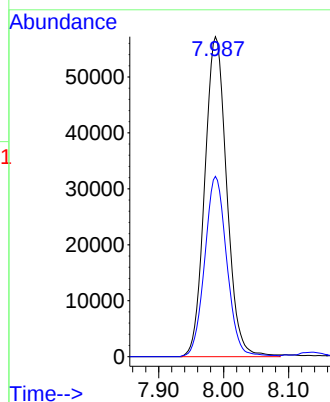
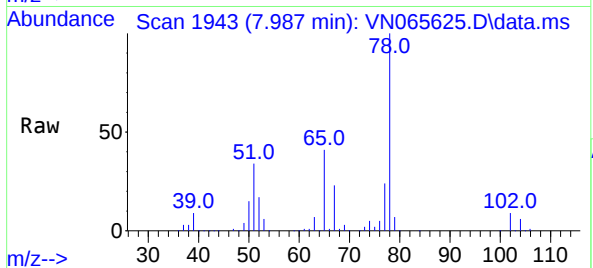
#33
1,2-Dichloroethane-d4
Concen: 47.92 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065625.D
Acq: 27 Jan 2021 13:21

Tgt Ion: 65 Resp: 134836
Ion Ratio Lower Upper
65 100
67 56.5 0.0 107.2

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41054

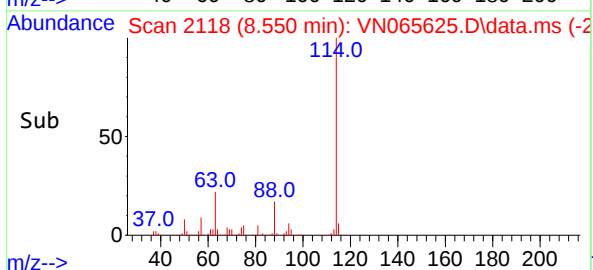
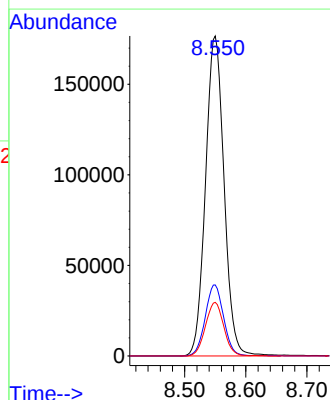
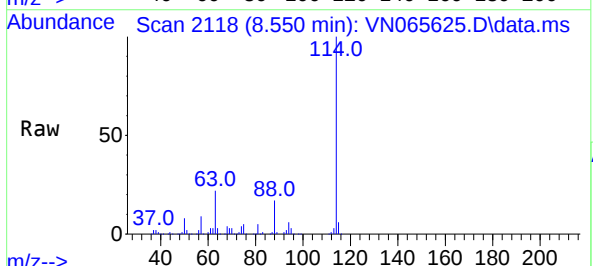
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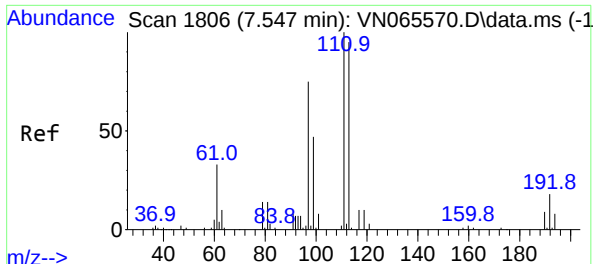
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1/28/2021 2:13:59 PM



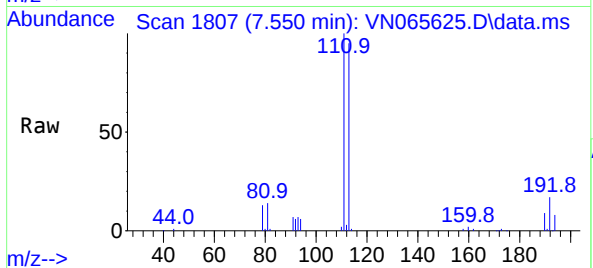
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065625.D
Acq: 27 Jan 2021 13:21

Tgt Ion: 114 Resp: 372698
Ion Ratio Lower Upper
114 100
63 22.2 0.0 38.6
88 16.8 0.0 30.6

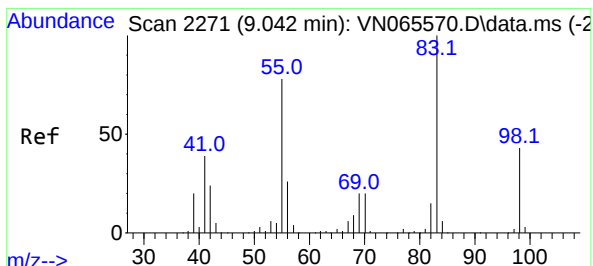
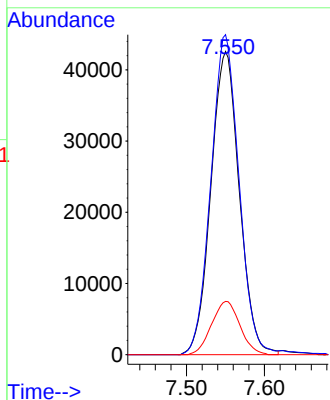
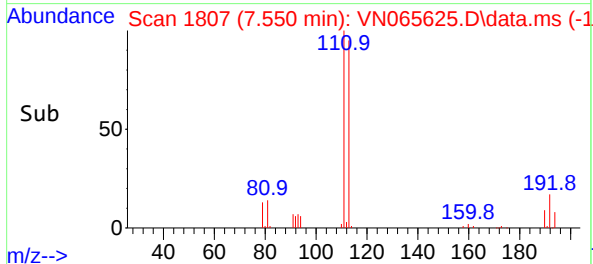




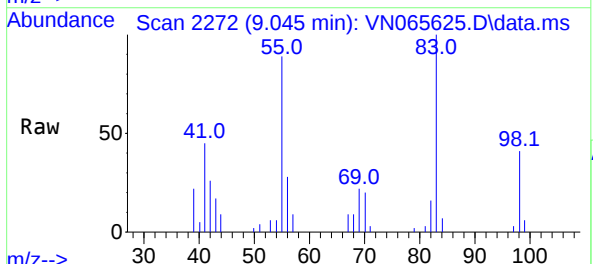
#35
Dibromofluoromethane
Concen: 48.81 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065625.D
Acq: 27 Jan 2021 13:21



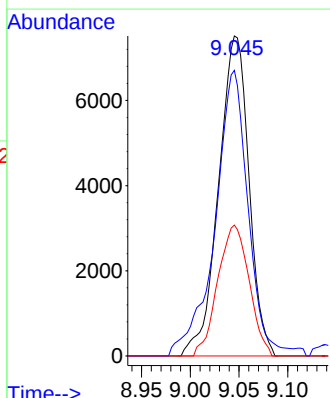
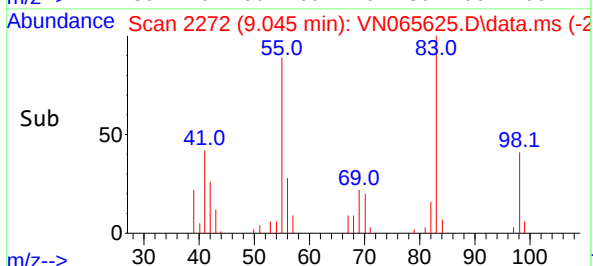
Tgt Ion: 113 Resp: 107809
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.2
192 17.6 15.4 23.0



#39
Methylcyclohexane
Concen: 3.56 ug/l
RT: 9.045 min Scan# 2272
Delta R.T. 0.003 min
Lab File: VN065625.D
Acq: 27 Jan 2021 13:21



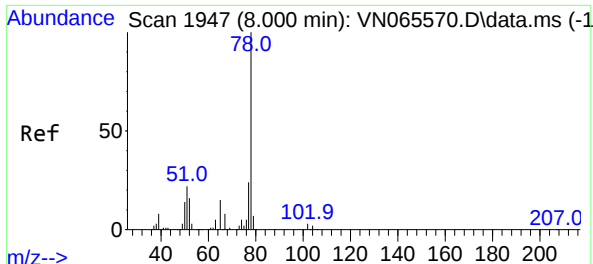
Tgt Ion: 83 Resp: 16289
Ion Ratio Lower Upper
83 100
55 86.3 58.9 88.3
98 40.9 35.9 53.9



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41054

Manual Integrations
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1/28/2021 2:13:59 PM



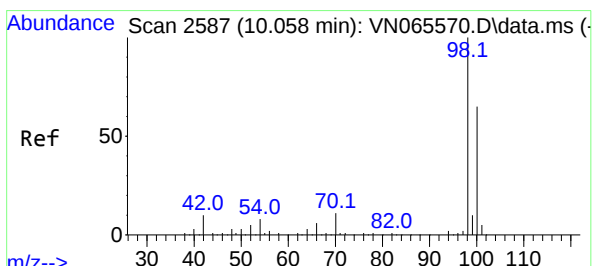
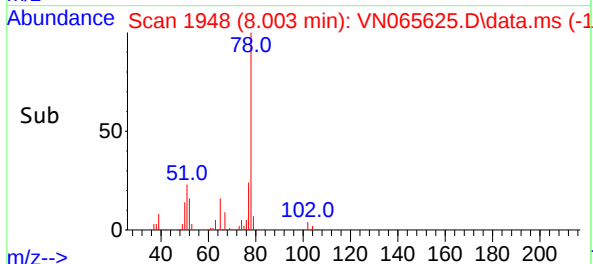
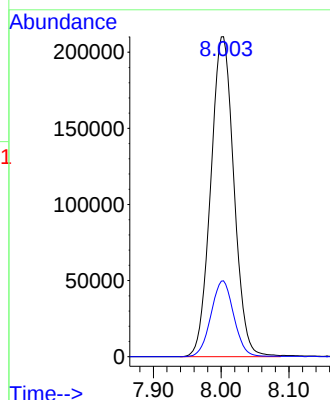
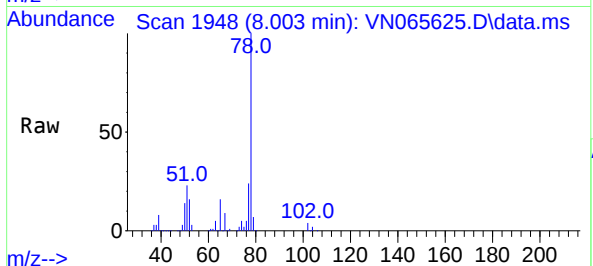
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Benzene
Concen: 43.57 ug/l
RT: 8.003 min Scan# 1948
Delta R.T. 0.003 min
Lab File: VN065625.D
Acq: 27 Jan 2021 13:21

Tgt Ion: 78 Resp: 499028
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

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MSVOA_N
ClientSampled :
41054

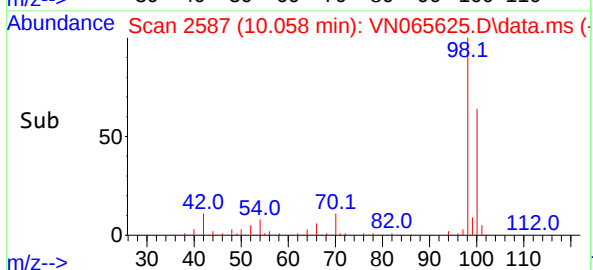
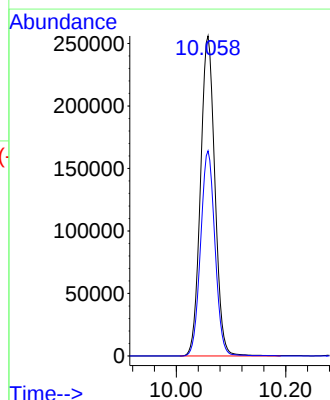
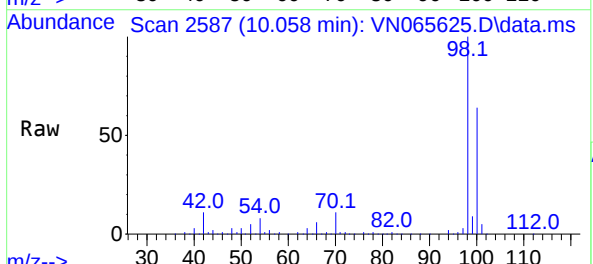
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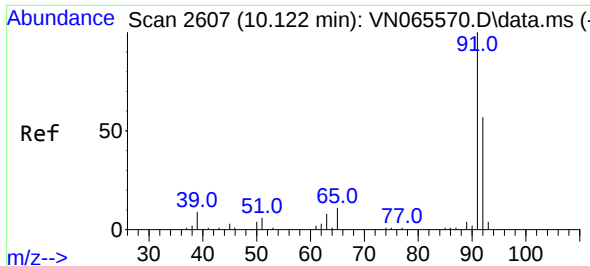
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1/28/2021 2:13:59 PM



#50
Toluene-d8
Concen: 53.76 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065625.D
Acq: 27 Jan 2021 13:21

Tgt Ion: 98 Resp: 466756
Ion Ratio Lower Upper
98 100
100 64.1 50.5 75.7





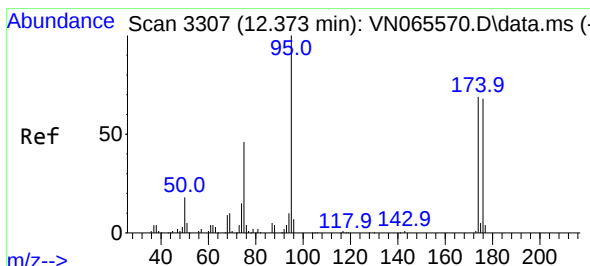
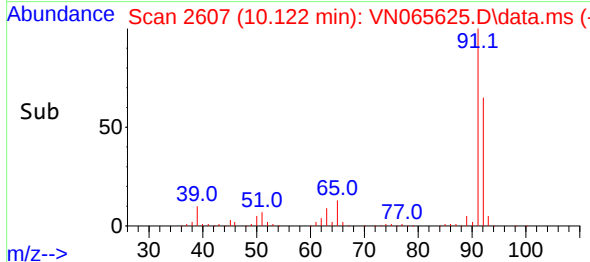
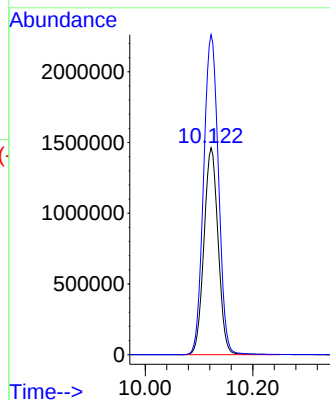
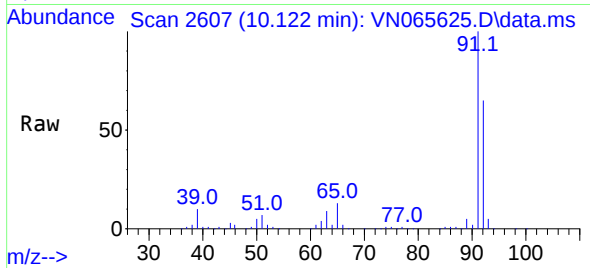
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Toluene
Concen: 394.52 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065625.D
Acq: 27 Jan 2021 13:21

Tgt Ion: 92 Resp: 2676602
Ion Ratio Lower Upper
92 100
91 162.4 140.7 211.1

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41054

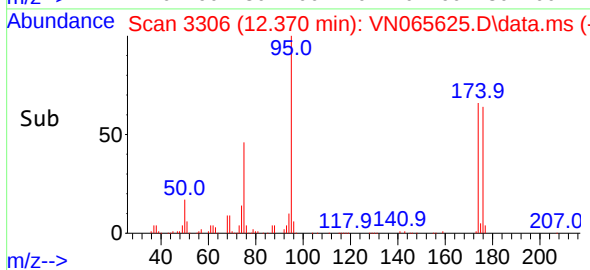
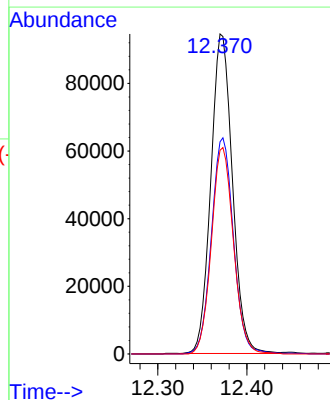
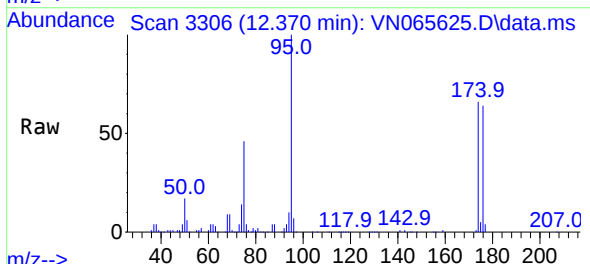
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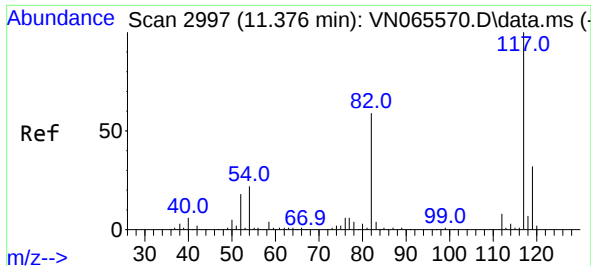
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1/28/2021 2:13:59 PM



#62
4-Bromofluorobenzene
Concen: 50.92 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.003 min
Lab File: VN065625.D
Acq: 27 Jan 2021 13:21

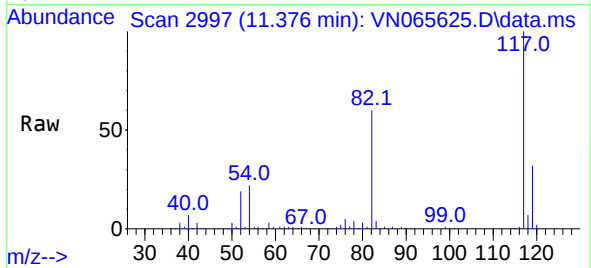
Tgt Ion: 95 Resp: 159173
Ion Ratio Lower Upper
95 100
174 69.1 0.0 169.0
176 66.0 0.0 162.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065625.D
Acq: 27 Jan 2021 13:21

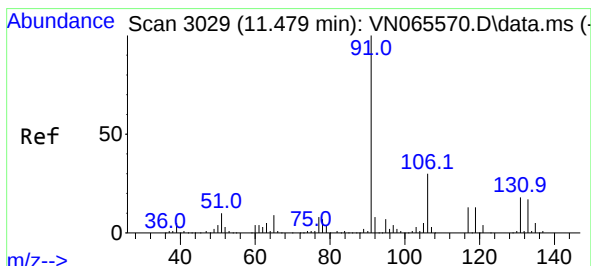
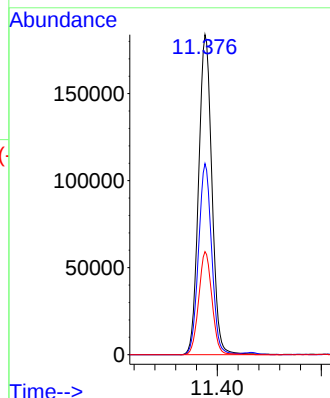
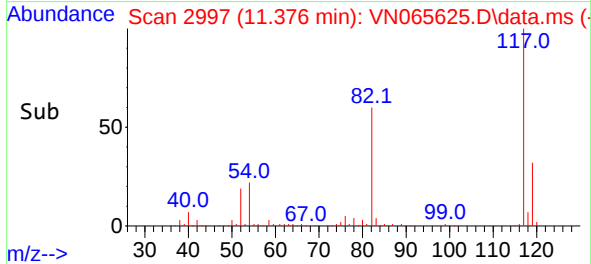
Instrument :
MSVOA_N
ClientSampled :
41054



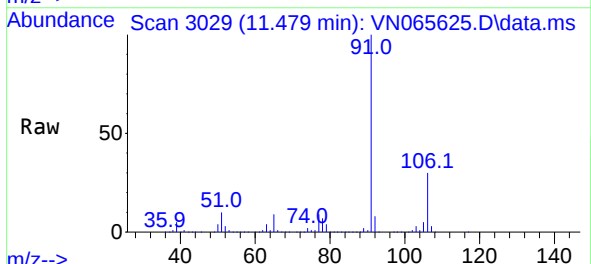
Tgt Ion:117 Resp: 326531
Ion Ratio Lower Upper
117 100
82 59.7 43.7 65.5
119 32.2 26.1 39.1

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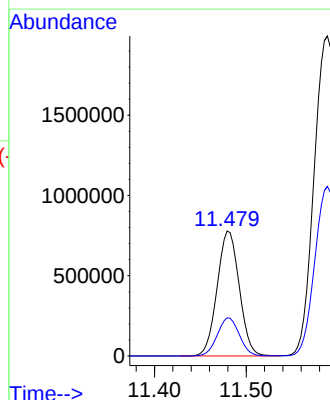
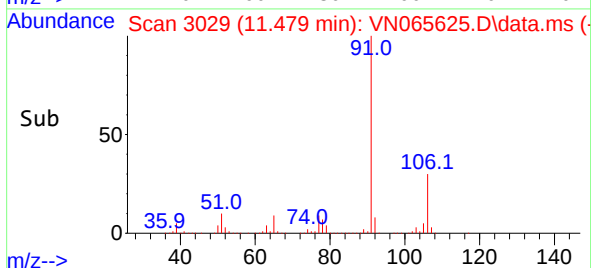
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1/28/2021 2:13:59 PM

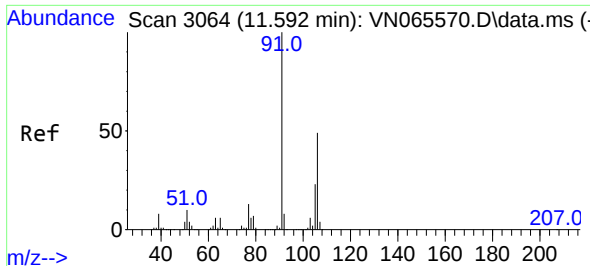


#67
Ethyl Benzene
Concen: 101.74 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN065625.D
Acq: 27 Jan 2021 13:21

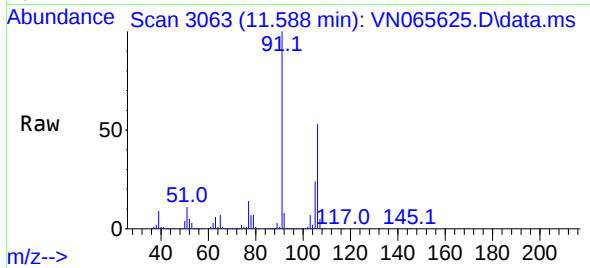


Tgt Ion: 91 Resp: 1305509
Ion Ratio Lower Upper
91 100
106 30.5 25.5 38.3

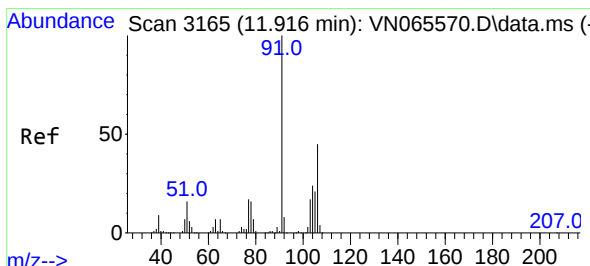
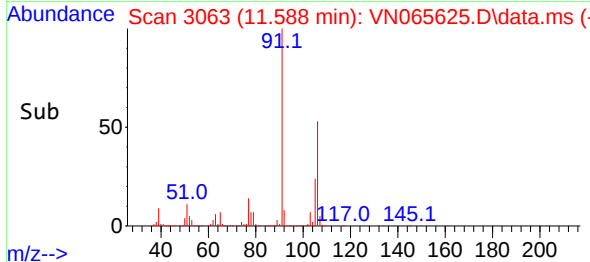
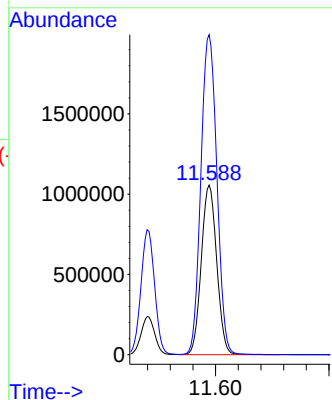




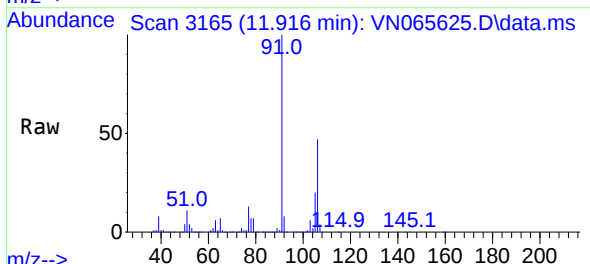
#68
m/p-Xylenes
Concen: 428.38 ug/l
RT: 11.588 min Scan# 3063
Delta R.T. -0.004 min
Lab File: VN065625.D
Acq: 27 Jan 2021 13:21



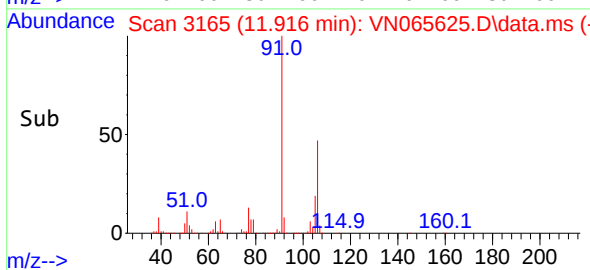
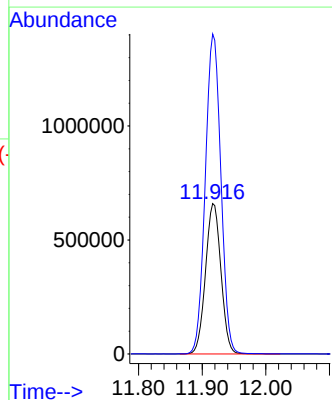
Tgt Ion:106 Resp: 1990128
Ion Ratio Lower Upper
106 100
91 196.3 161.4 242.0



#69
o-Xylene
Concen: 246.17 ug/l
RT: 11.916 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VN065625.D
Acq: 27 Jan 2021 13:21



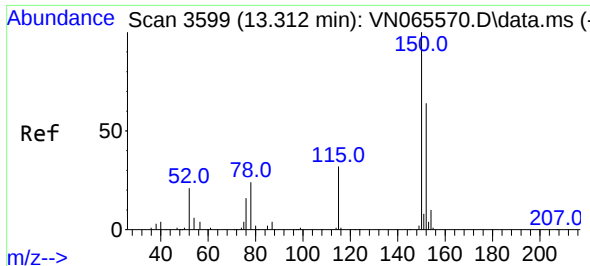
Tgt Ion:106 Resp: 1108199
Ion Ratio Lower Upper
106 100
91 215.1 106.8 320.4



Instrument :
MSVOA_N
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41054

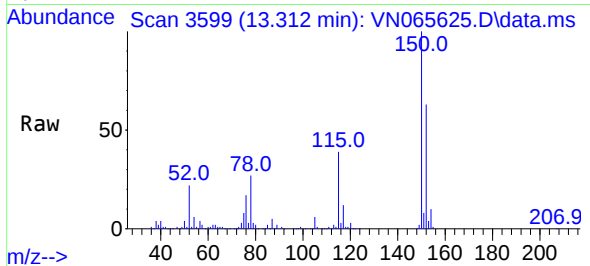
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1/28/2021 2:13:59 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. -0.000 min
Lab File: VN065625.D
Acq: 27 Jan 2021 13:21

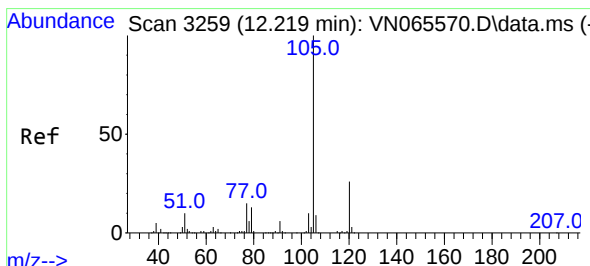
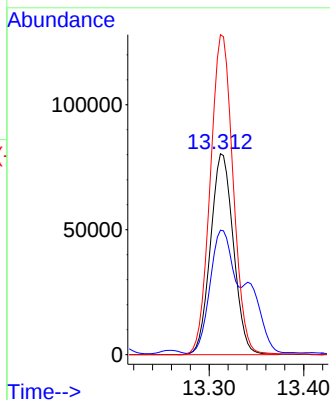
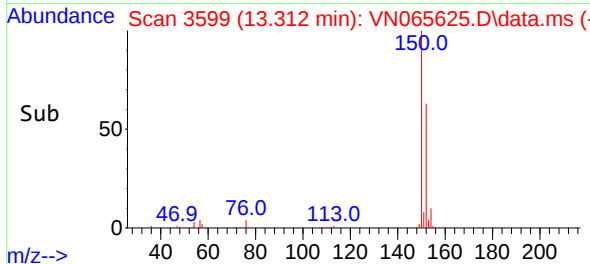
Instrument :
MSVOA_N
ClientSampled :
41054



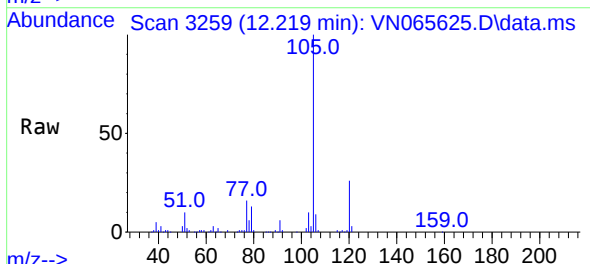
Tgt Ion:152 Resp: 135387
Ion Ratio Lower Upper
152 100
115 67.3 28.5 85.6
150 159.3 0.0 347.6

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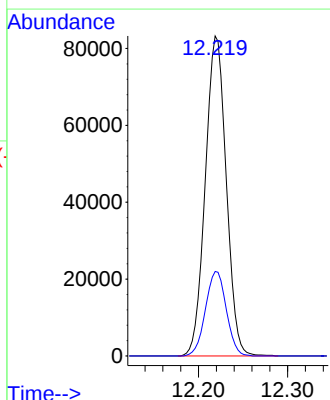
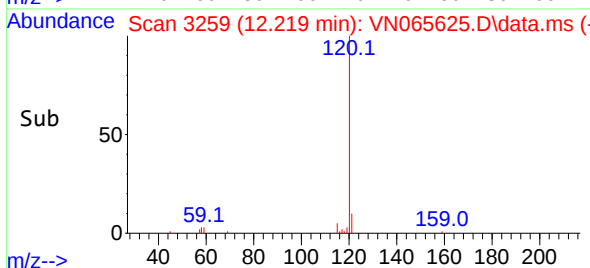
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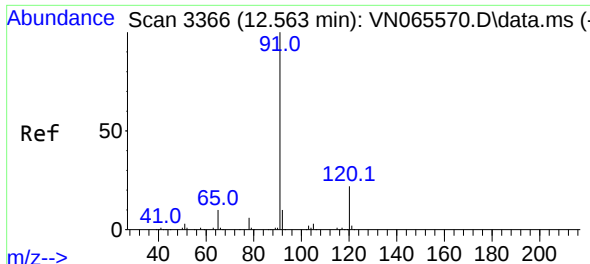


#73
Isopropylbenzene
Concen: 11.45 ug/l
RT: 12.219 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VN065625.D
Acq: 27 Jan 2021 13:21

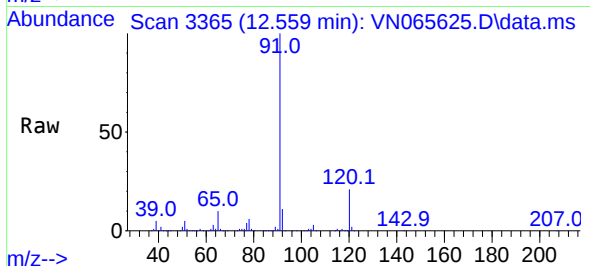


Tgt Ion:105 Resp: 135751
Ion Ratio Lower Upper
105 100
120 26.2 13.3 39.9

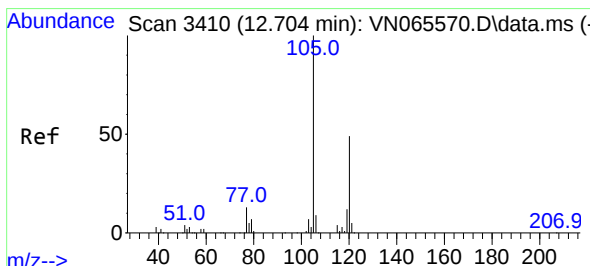
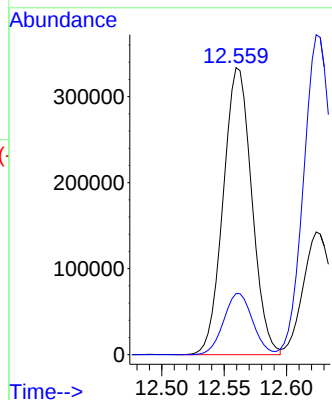
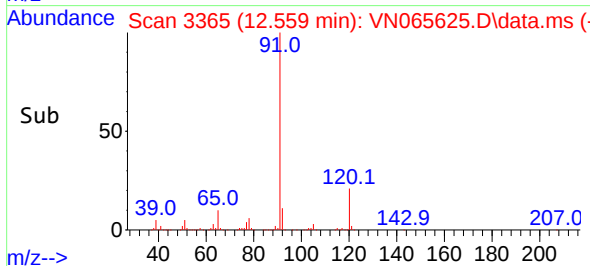




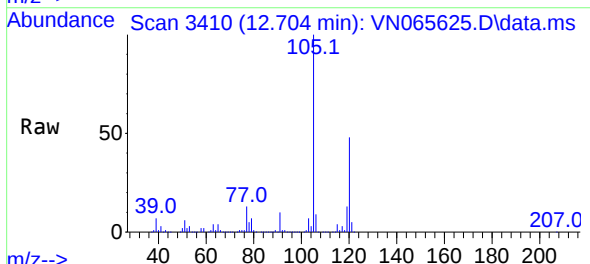
#78
n-propylbenzene
Concen: 38.18 ug/l
RT: 12.559 min Scan# 3365
Delta R.T. -0.004 min
Lab File: VN065625.D
Acq: 27 Jan 2021 13:21



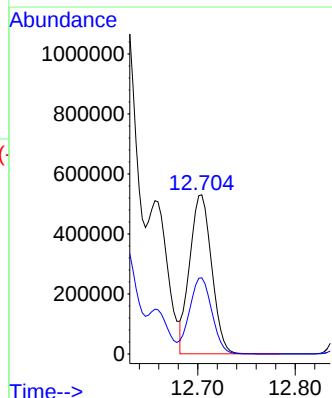
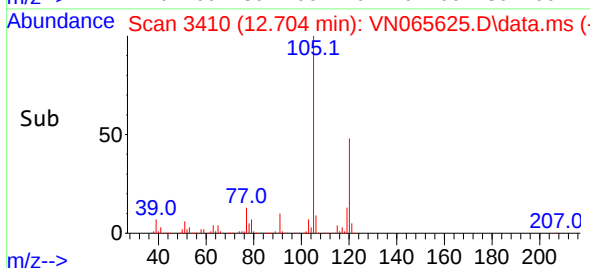
Tgt Ion: 91 Resp: 533388
Ion Ratio Lower Upper
91 100
120 21.6 11.8 35.3



#80
1,3,5-Trimethylbenzene
Concen: 81.96 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065625.D
Acq: 27 Jan 2021 13:21



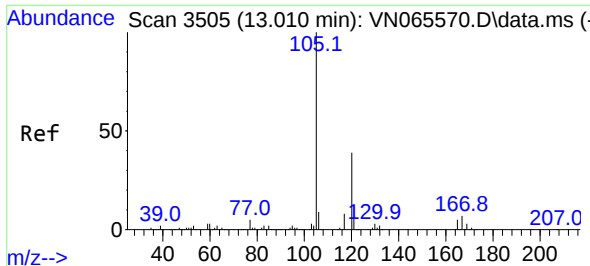
Tgt Ion: 105 Resp: 827190
Ion Ratio Lower Upper
105 100
120 49.2 24.3 72.8



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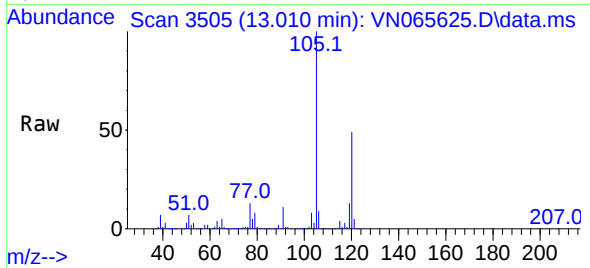
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#84
1,2,4-Trimethylbenzene
Concen: 324.37 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN065625.D
Acq: 27 Jan 2021 13:21

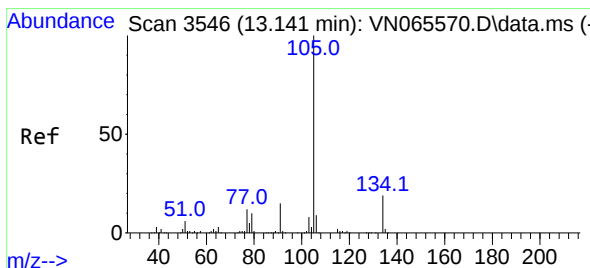
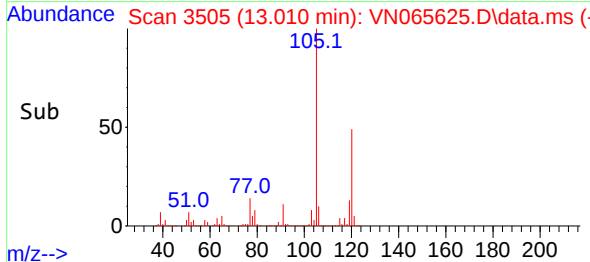
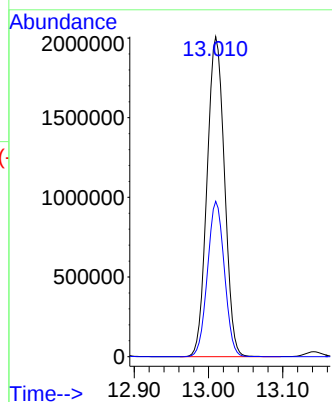
Instrument :
MSVOA_N
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41054



Tgt Ion:105 Resp: 3265337
Ion Ratio Lower Upper
105 100
120 47.1 22.4 67.0

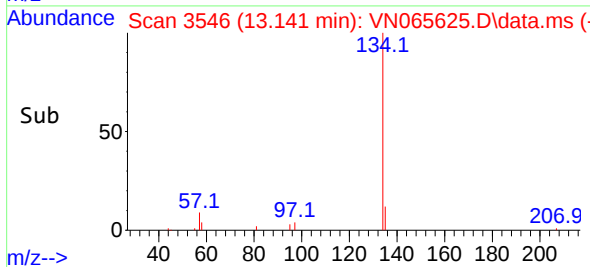
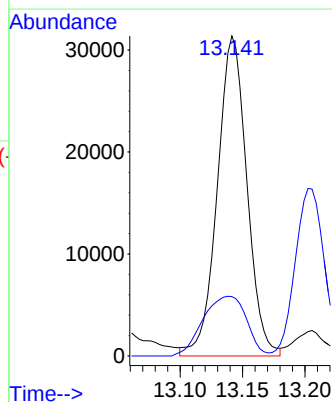
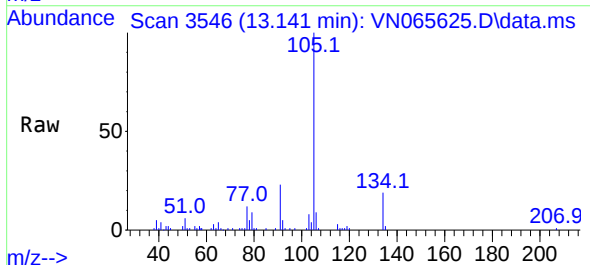
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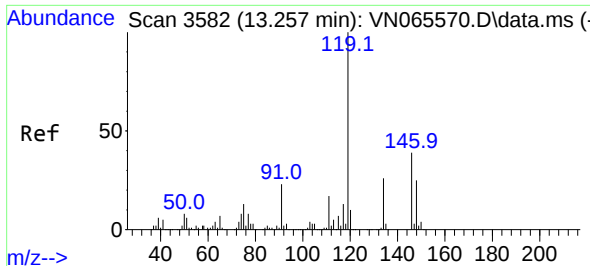
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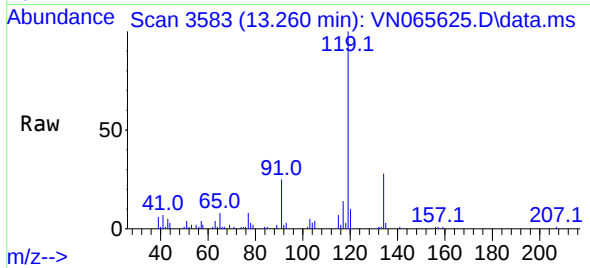
#85
sec-Butylbenzene
Concen: 4.56 ug/l m
RT: 13.141 min Scan# 3546
Delta R.T. 0.000 min
Lab File: VN065625.D
Acq: 27 Jan 2021 13:21

Tgt Ion:105 Resp: 51825
Ion Ratio Lower Upper
105 100
134 0.0 10.0 30.0#

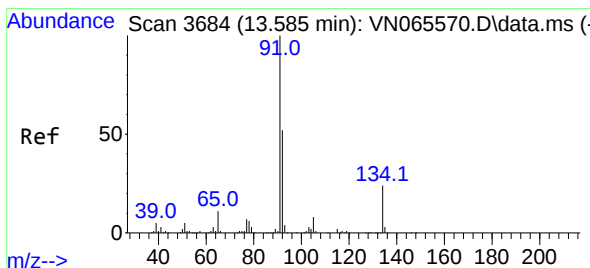
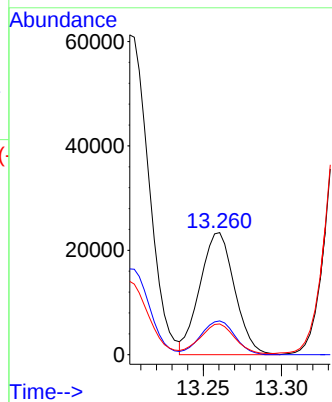
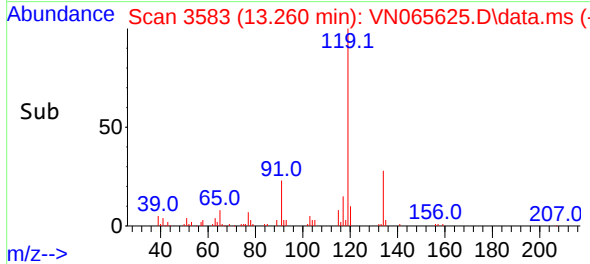




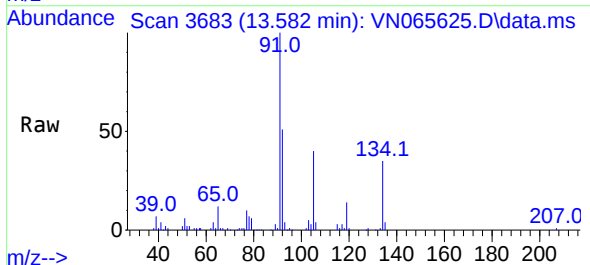
#86
p-Isopropyltoluene
Concen: 3.59 ug/l m
RT: 13.260 min Scan# 3583
Delta R.T. 0.003 min
Lab File: VN065625.D
Acq: 27 Jan 2021 13:21



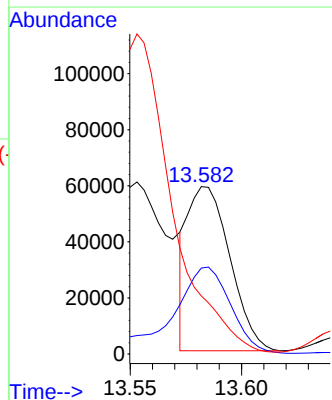
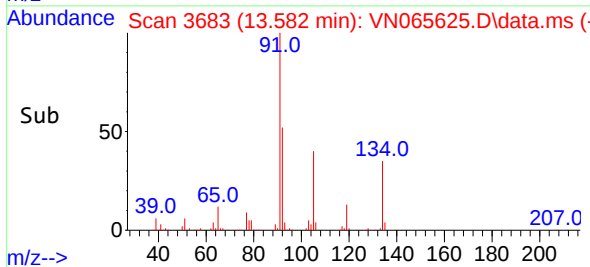
Tgt Ion: 119 Resp: 36042
Ion Ratio Lower Upper
119 100
134 73.7 13.3 39.8#
91 58.5 11.8 35.3#



#89
n-Butylbenzene
Concen: 8.58 ug/l
RT: 13.582 min Scan# 3683
Delta R.T. -0.003 min
Lab File: VN065625.D
Acq: 27 Jan 2021 13:21



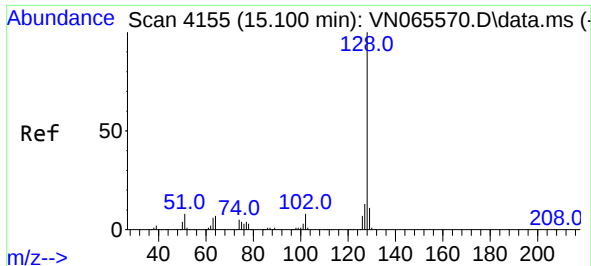
Tgt Ion: 91 Resp: 77346
Ion Ratio Lower Upper
91 100
92 73.4 26.1 78.3
134 0.0 13.0 38.9#



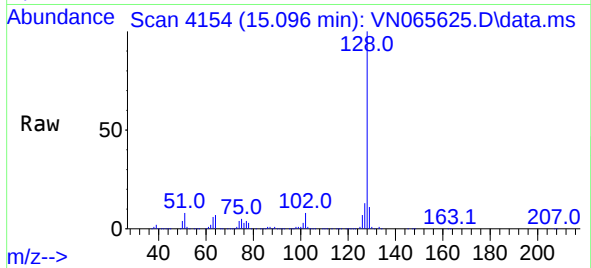
Instrument :
MSVOA_N
ClientSampled :
41054

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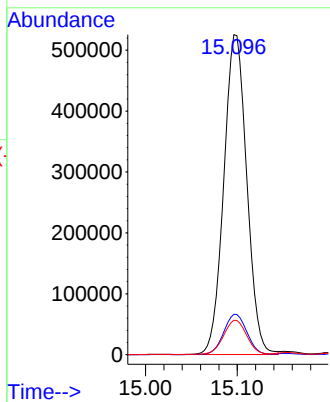
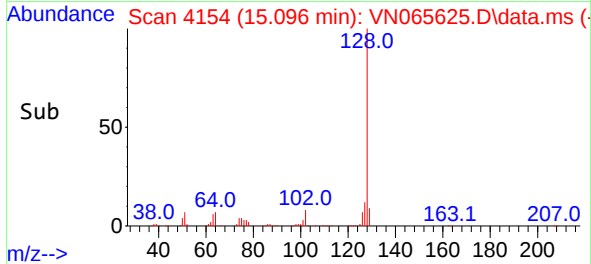
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1/28/2021 2:13:59 PM



#95
Naphthalene
Concen: 100.38 ug/l
RT: 15.096 min Scan# 4154
Delta R.T. -0.004 min
Lab File: VN065625.D
Acq: 27 Jan 2021 13:21



Tgt Ion:128 Resp: 913295
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.8 8.6 13.0



Instrument :
MSVOA_N
ClientSampleId :
41054

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1/28/2021 2:13:59 PM