

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
 Data File : VN065606.D
 Acq On : 26 Jan 2021 16:02
 Operator : JC/MD
 Sample : M1218-04DL 4X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 238DL

Manual Integrations
 APPROVED

MMDadoda
 1/27/2021 11:13:12 AM

Quant Time: Jan 27 03:29:27 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	215809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	371695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	327795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	127194	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	138702	48.85	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 97.70%			
35) Dibromofluoromethane	7.550	113	110458	50.15	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.30%			
50) Toluene-d8	10.058	98	468644	54.13	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.26%			
62) 4-Bromofluorobenzene	12.373	95	159892	51.28	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.56%			
Target Compounds					Qvalue	
16) Acetone	3.785	43	56983	51.56	ug/l	99
19) Methyl tert-butyl Ether	5.003	73	4640	0.53	ug/l #	42
22) Diisopropyl ether	5.910	45	3439	0.35	ug/l #	92
25) 2-Butanone	6.801	43	6711	3.87	ug/l #	86
40) Benzene	8.000	78	144909	12.69	ug/l	99
51) 4-Methyl-2-Pentanone	9.955	43	2630	0.75	ug/l #	86
52) Toluene	10.122	92	347297	51.33	ug/l	99
67) Ethyl Benzene	11.482	91	52142	4.05	ug/l	99
68) m/p-Xylenes	11.588	106	134207	28.78	ug/l	95
69) o-Xylene	11.920	106	87152	19.28	ug/l	95
73) Isopropylbenzene	12.219	105	4536	0.41	ug/l	90
78) n-propylbenzene	12.563	91	8724	0.66	ug/l	95
80) 1,3,5-Trimethylbenzene	12.704	105	56444	5.95	ug/l	96
84) 1,2,4-Trimethylbenzene	13.010	105	217280	22.97	ug/l	100
85) sec-Butylbenzene	13.141	105	5167m	0.48	ug/l	
86) p-Isopropyltoluene	13.260	119	6314	0.67	ug/l	91
89) n-Butylbenzene	13.585	91	6257m	0.74	ug/l	
95) Naphthalene	15.103	128	25699	6.36	ug/l	97

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

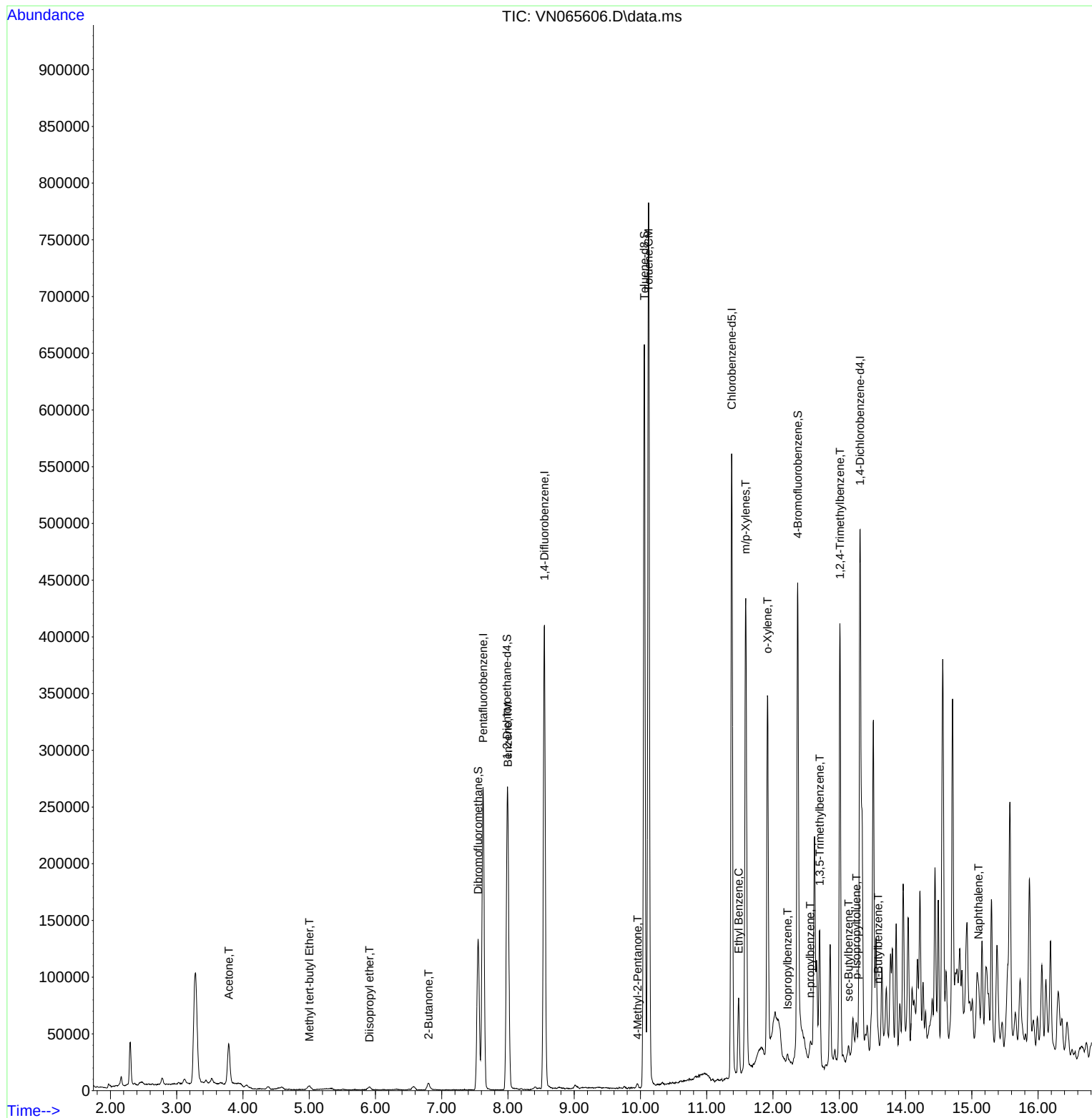
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
Data File : VN065606.D
Acq On : 26 Jan 2021 16:02
Operator : JC/MD
Sample : M1218-04DL 4X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

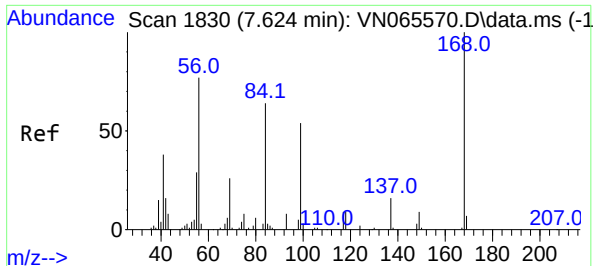
Instrument :
MSVOA_N
ClientSampleId :
238DL

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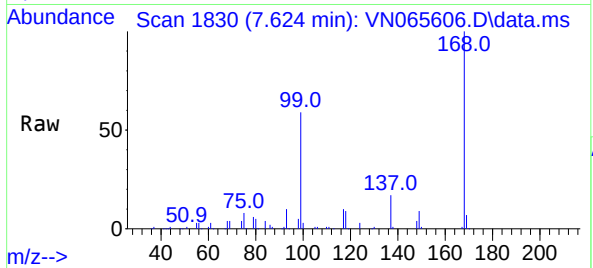
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1/27/2021 11:13:12 AM

Quant Time: Jan 27 03:29:27 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

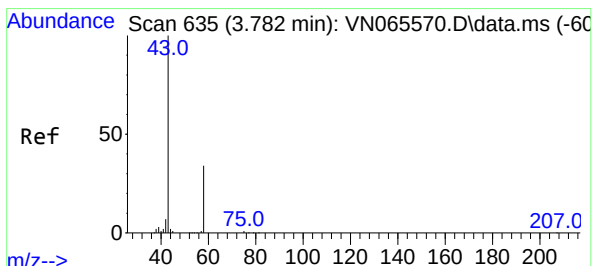
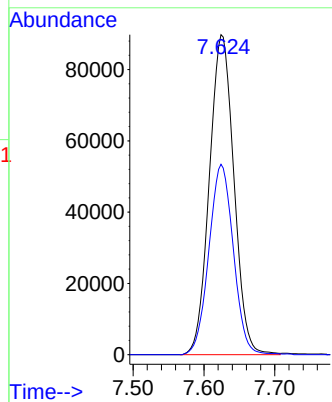
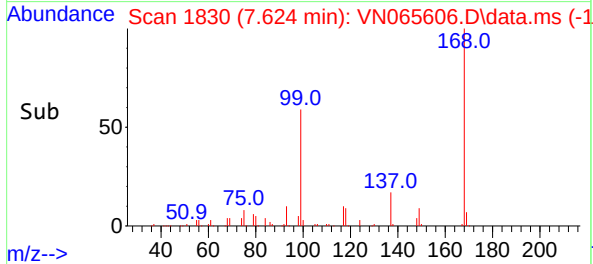




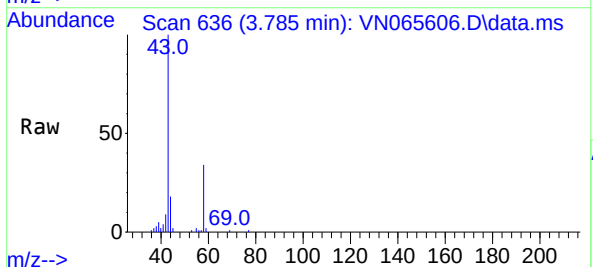
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN065606.D
Acq: 26 Jan 2021 16:02



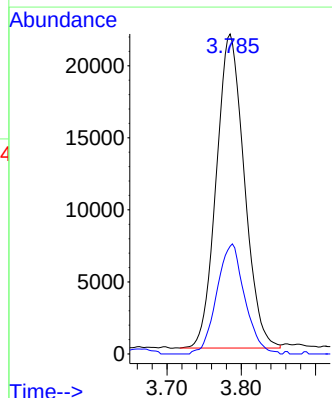
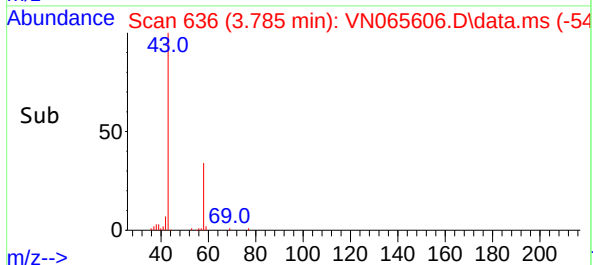
Tgt Ion: 168 Resp: 215809
Ion Ratio Lower Upper
168 100
99 59.5 42.6 63.8



#16
Acetone
Concen: 51.56 ug/l
RT: 3.785 min Scan# 636
Delta R.T. 0.003 min
Lab File: VN065606.D
Acq: 26 Jan 2021 16:02



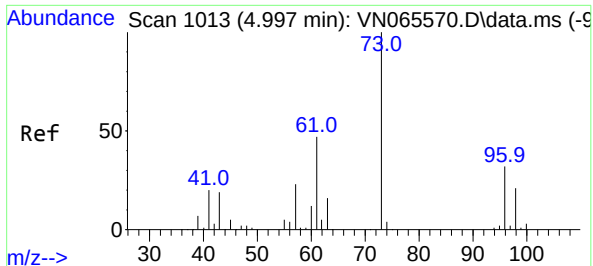
Tgt Ion: 43 Resp: 56983
Ion Ratio Lower Upper
43 100
58 34.3 27.0 40.6



Instrument :
MSVOA_N
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#19

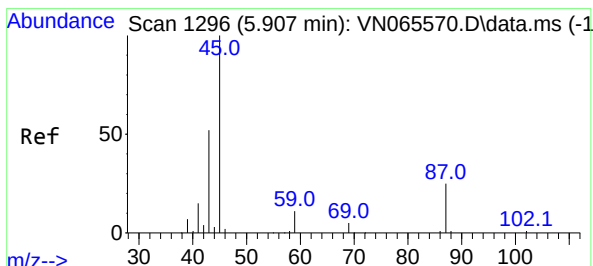
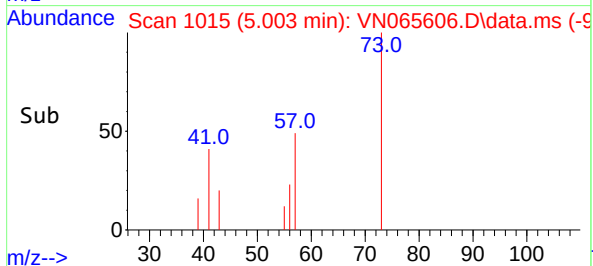
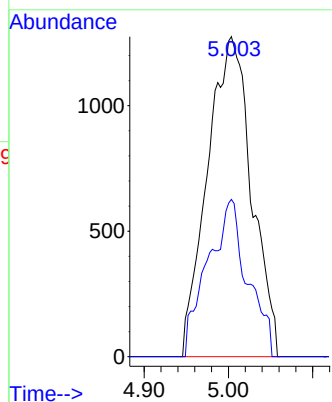
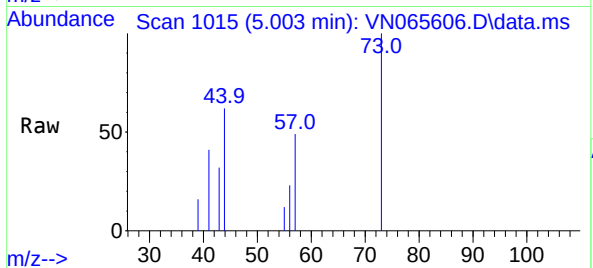
Methyl tert-butyl Ether
Concen: 0.53 ug/l
RT: 5.003 min Scan# 1015
Delta R.T. 0.006 min
Lab File: VN065606.D
Acq: 26 Jan 2021 16:02

Tgt Ion: 73 Resp: 4640
Ion Ratio Lower Upper
73 100
57 49.2 17.3 25.9#

Instrument :
MSVOA_N
ClientSampled :
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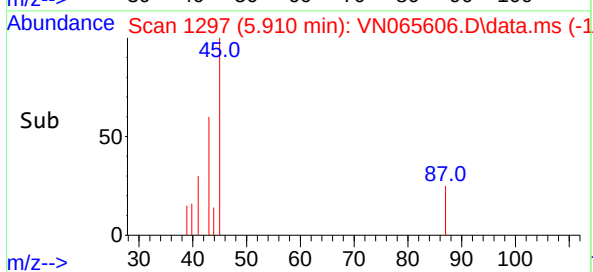
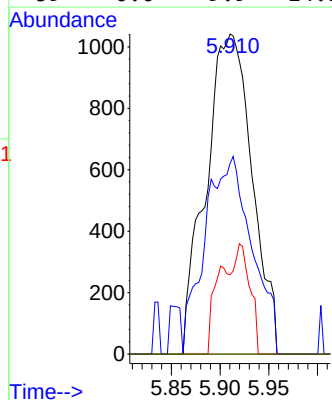
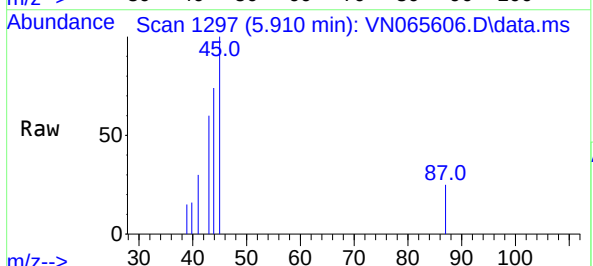
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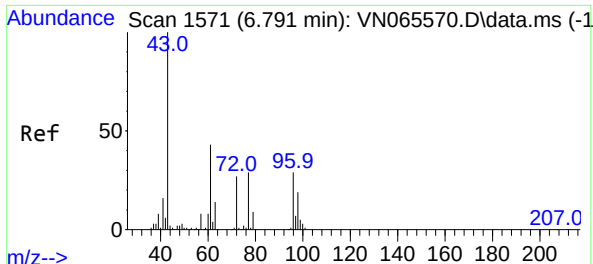


#22

Diisopropyl ether
Concen: 0.35 ug/l
RT: 5.910 min Scan# 1297
Delta R.T. 0.003 min
Lab File: VN065606.D
Acq: 26 Jan 2021 16:02

Tgt Ion: 45 Resp: 3439
Ion Ratio Lower Upper
45 100
43 59.6 48.9 73.3
87 24.8 23.7 35.5
59 0.0 9.9 14.9#





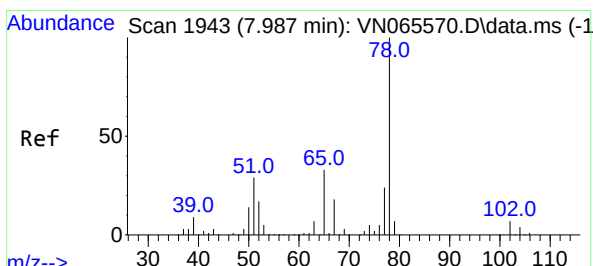
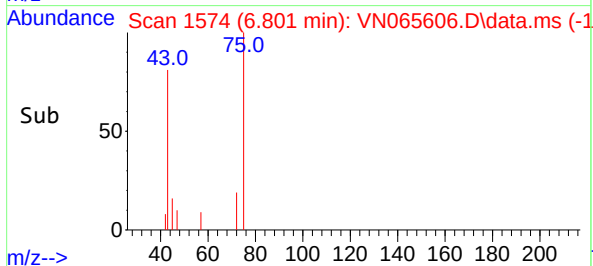
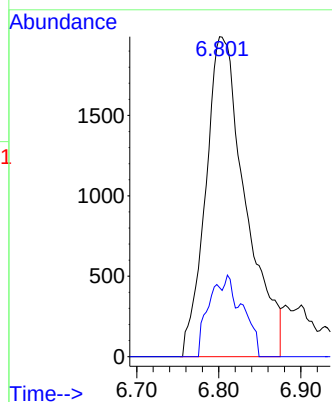
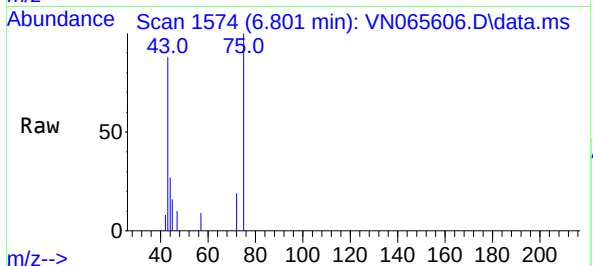
#25
2-Butanone
Concen: 3.87 ug/l
RT: 6.801 min Scan# 1574
Delta R.T. 0.010 min
Lab File: VN065606.D
Acq: 26 Jan 2021 16:02

Tgt Ion: 43 Resp: 6711
Ion Ratio Lower Upper
43 100
72 21.6 23.1 34.7#

Instrument :
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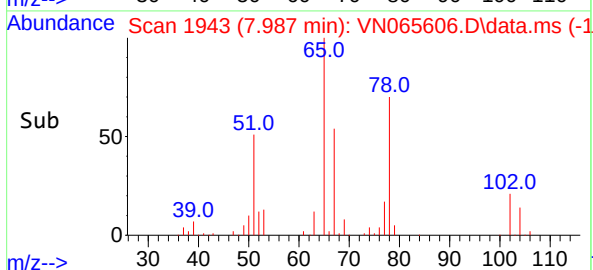
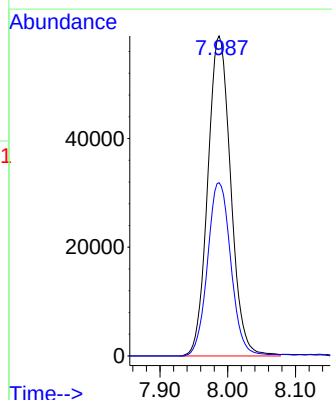
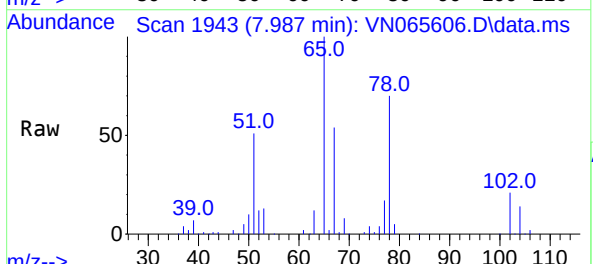
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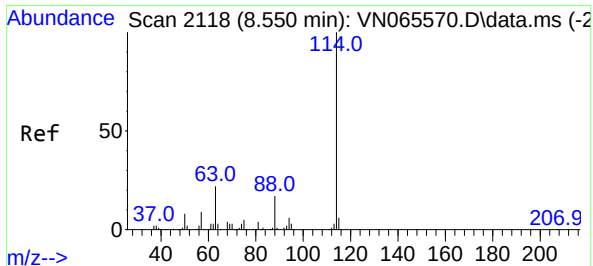
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#33
1,2-Dichloroethane-d4
Concen: 48.85 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065606.D
Acq: 26 Jan 2021 16:02

Tgt Ion: 65 Resp: 138702
Ion Ratio Lower Upper
65 100
67 54.9 0.0 107.2





#34

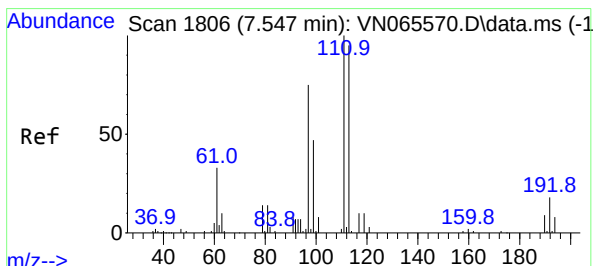
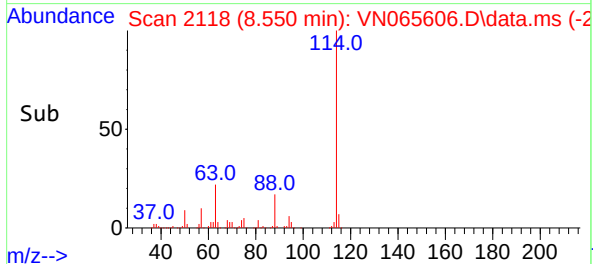
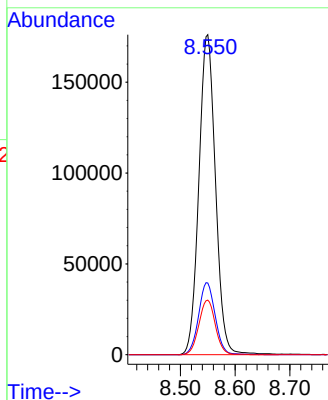
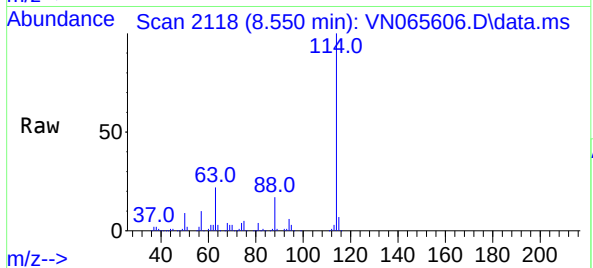
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065606.D
Acq: 26 Jan 2021 16:02

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Tgt Ion:114 Resp: 371695
Ion Ratio Lower Upper
114 100
63 22.4 0.0 38.6
88 17.0 0.0 30.6

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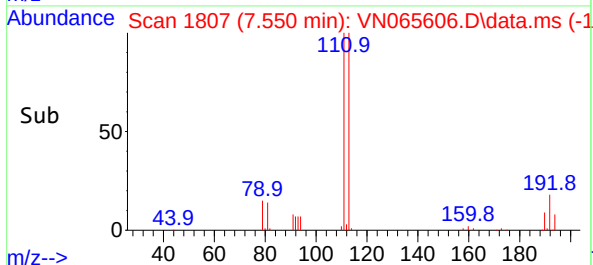
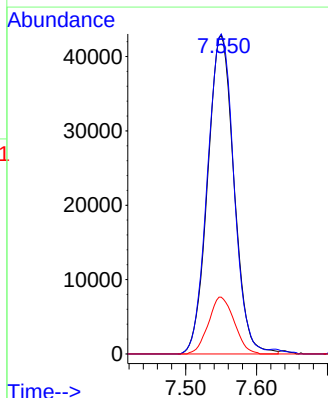
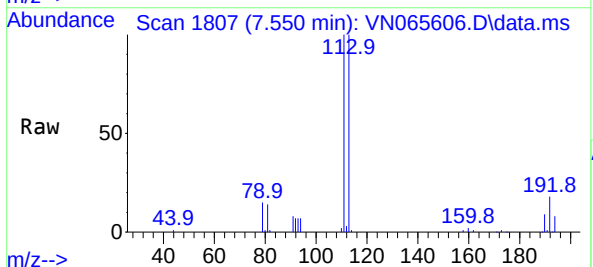
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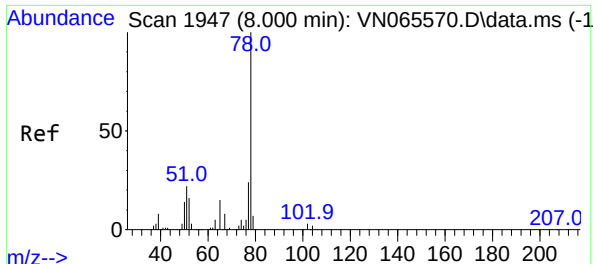


#35

Dibromofluoromethane
Concen: 50.15 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065606.D
Acq: 26 Jan 2021 16:02

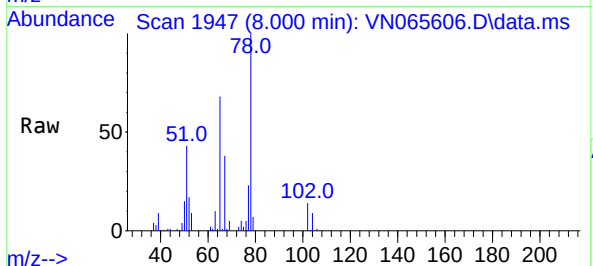
Tgt Ion:113 Resp: 110458
Ion Ratio Lower Upper
113 100
111 100.7 82.2 123.2
192 17.5 15.4 23.0





#40
Benzene
Concen: 12.69 ug/l
RT: 8.000 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VN065606.D
Acq: 26 Jan 2021 16:02

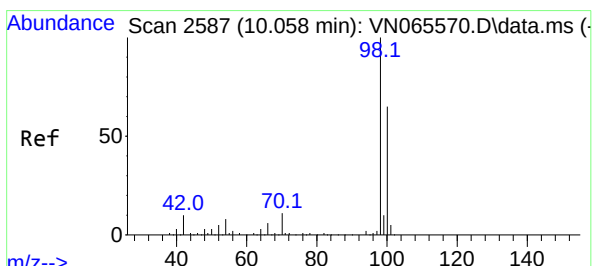
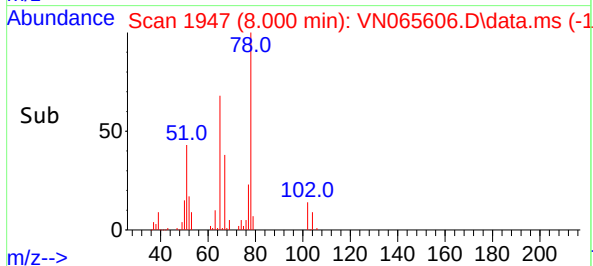
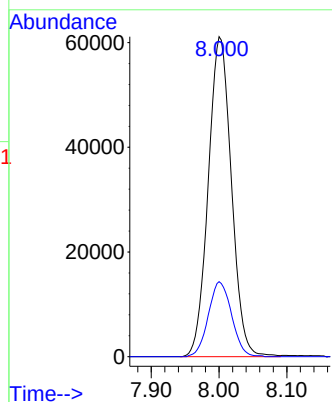
Instrument :
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ClientSampled :
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Tgt Ion: 78 Resp: 144909
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4

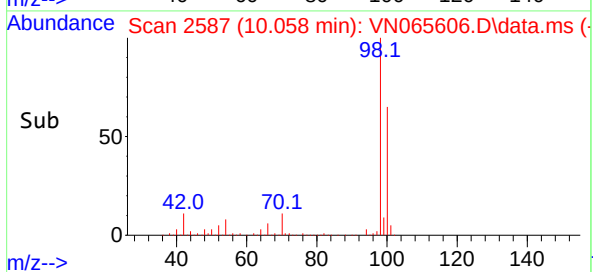
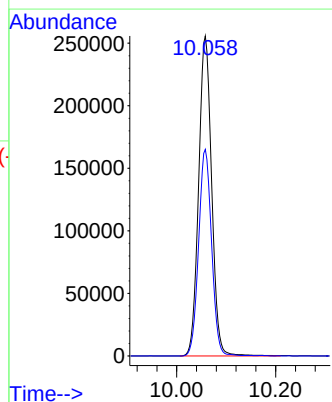
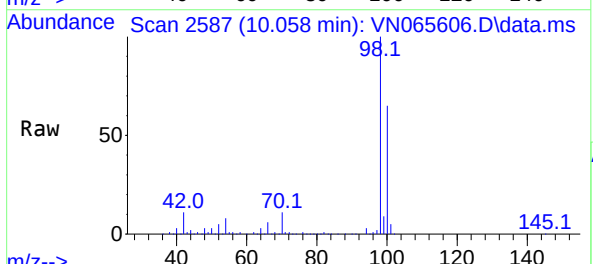
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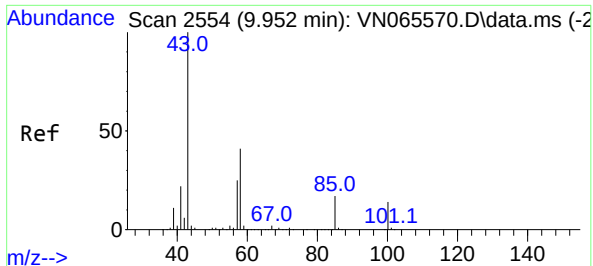
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#50
Toluene-d8
Concen: 54.13 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065606.D
Acq: 26 Jan 2021 16:02

Tgt Ion: 98 Resp: 468644
Ion Ratio Lower Upper
98 100
100 64.5 50.5 75.7





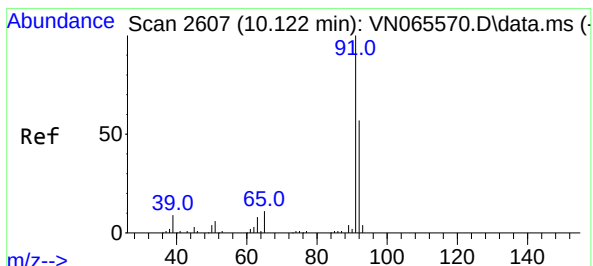
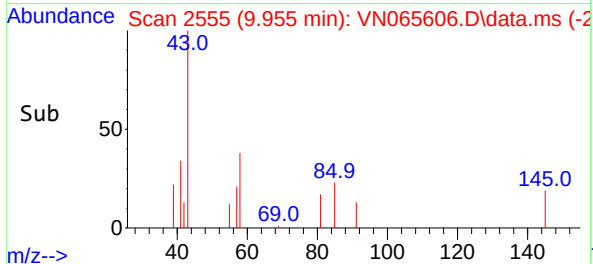
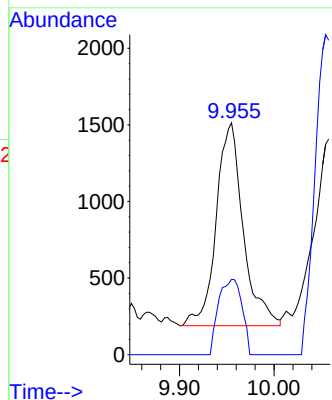
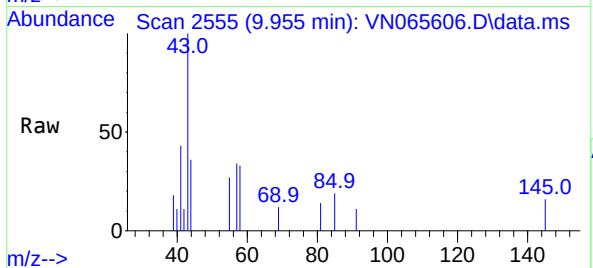
#51
4-Methyl-2-Pentanone
Concen: 0.75 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.003 min
Lab File: VN065606.D
Acq: 26 Jan 2021 16:02

Tgt Ion: 43 Resp: 2630
Ion Ratio Lower Upper
43 100
58 32.0 32.5 48.7#

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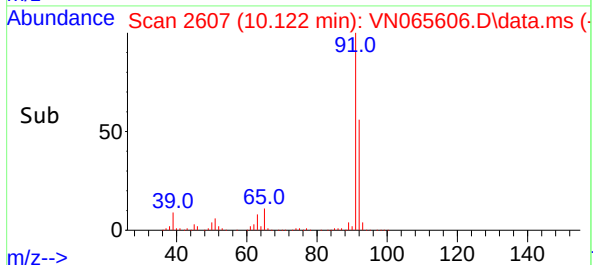
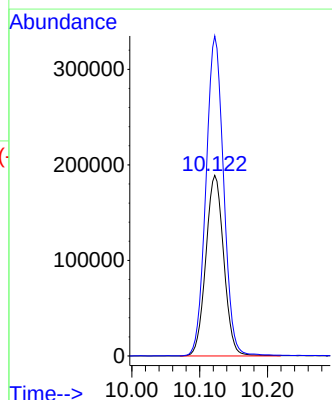
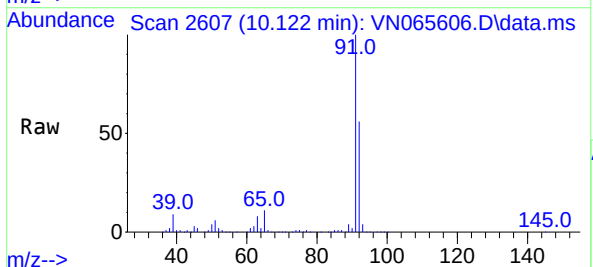
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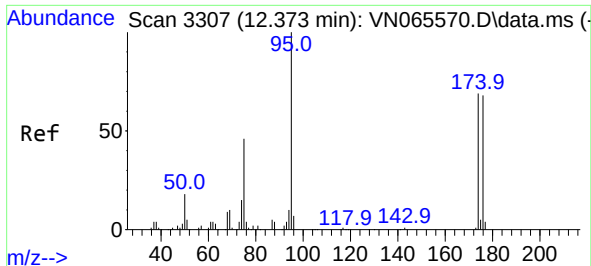
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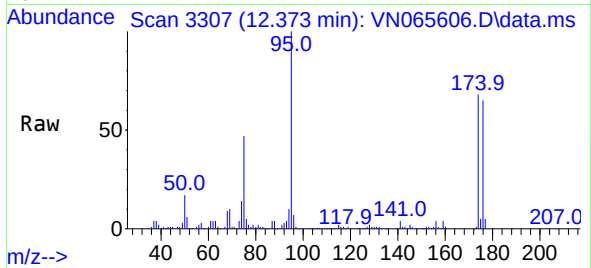
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Toluene
Concen: 51.33 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065606.D
Acq: 26 Jan 2021 16:02

Tgt Ion: 92 Resp: 347297
Ion Ratio Lower Upper
92 100
91 174.6 140.7 211.1

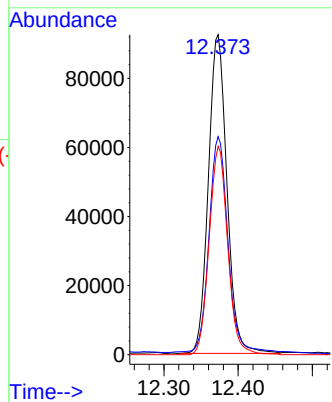
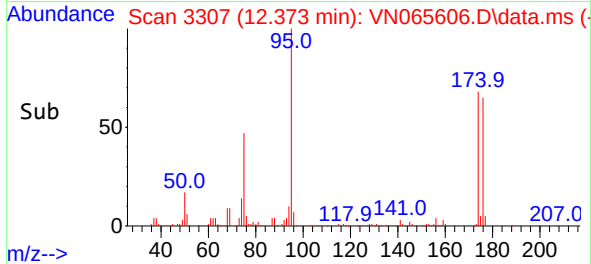




#62
4-Bromofluorobenzene
Concen: 51.28 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN065606.D
Acq: 26 Jan 2021 16:02



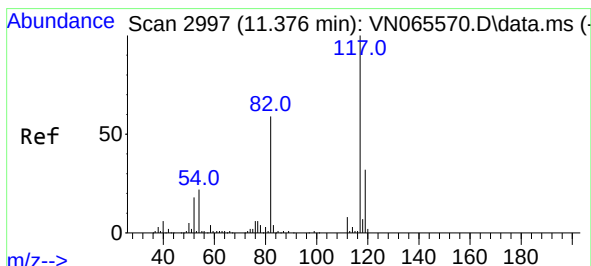
Tgt Ion: 95 Resp: 159892
Ion Ratio Lower Upper
95 100
174 70.8 0.0 169.0
176 65.1 0.0 162.4



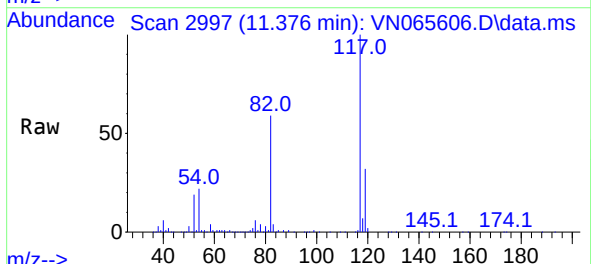
Instrument :
MSVOA_N
ClientSampled :
238DL

Manual Integrations
APPROVED

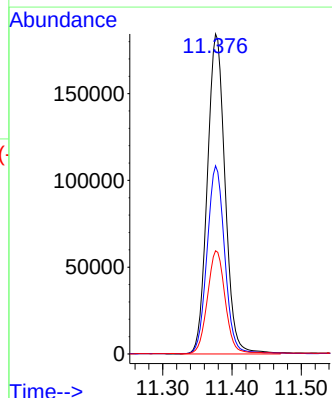
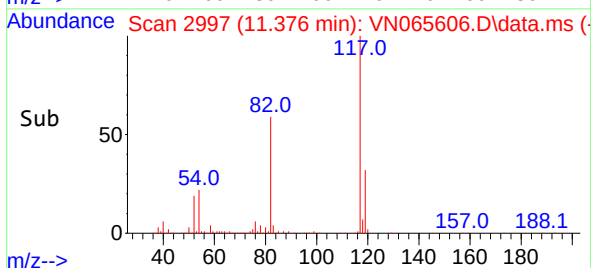
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1/27/2021 11:13:12 AM

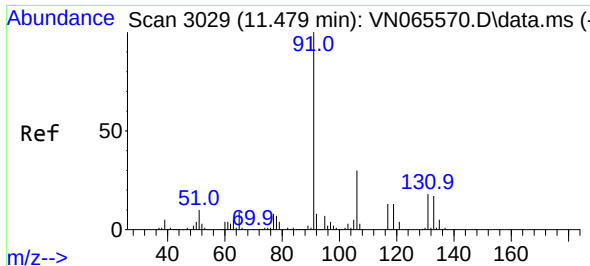


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065606.D
Acq: 26 Jan 2021 16:02



Tgt Ion: 117 Resp: 327795
Ion Ratio Lower Upper
117 100
82 58.7 43.7 65.5
119 32.1 26.1 39.1





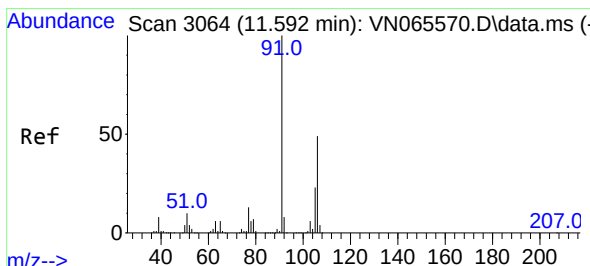
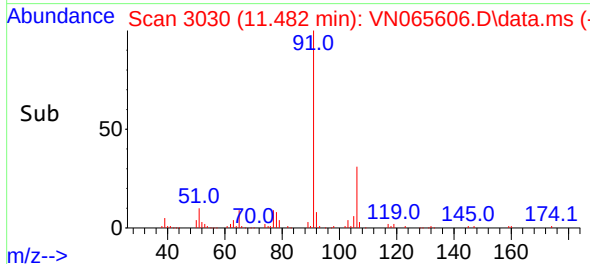
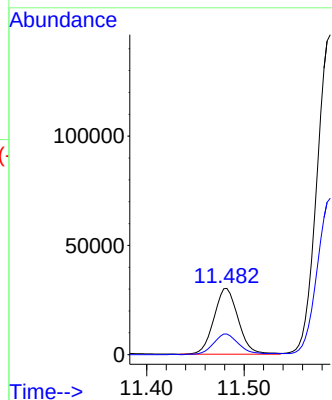
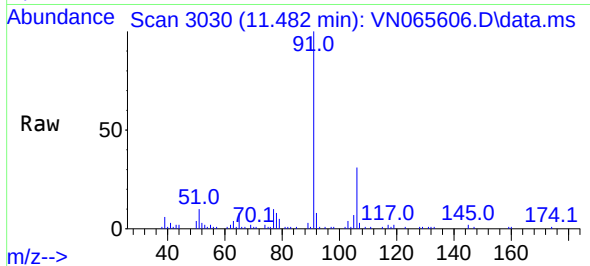
#67
Ethyl Benzene
Concen: 4.05 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.003 min
Lab File: VN065606.D
Acq: 26 Jan 2021 16:02

Tgt Ion: 91 Resp: 52142
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3

Instrument :
MSVOA_N
ClientSampled :
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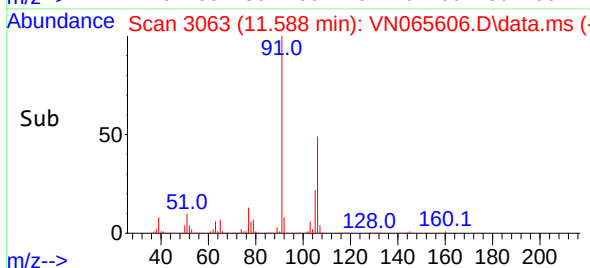
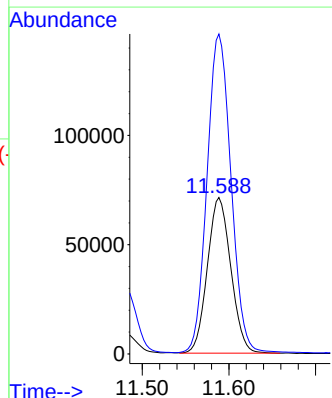
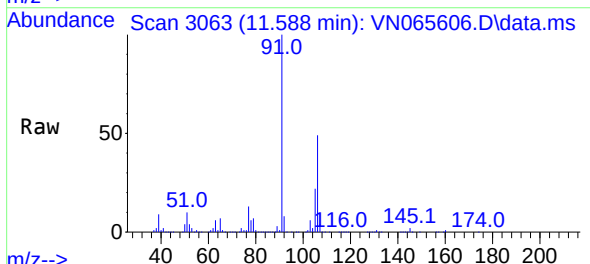
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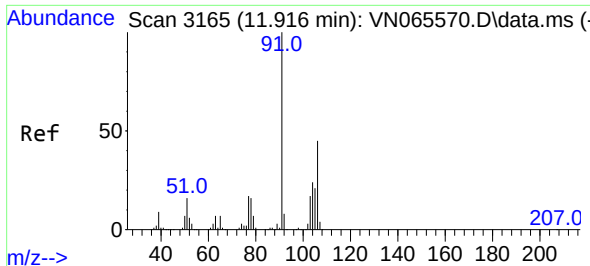
MMDadoda
1/27/2021 11:13:12 AM



#68
m/p-Xylenes
Concen: 28.78 ug/l
RT: 11.588 min Scan# 3063
Delta R.T. -0.004 min
Lab File: VN065606.D
Acq: 26 Jan 2021 16:02

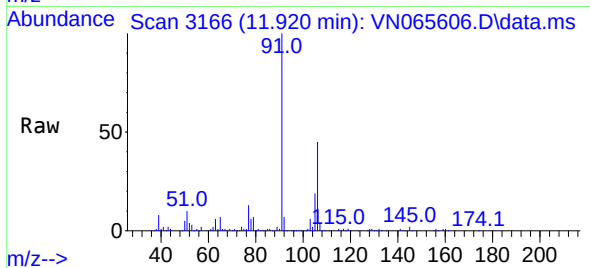
Tgt Ion:106 Resp: 134207
Ion Ratio Lower Upper
106 100
91 209.7 161.4 242.0





#69
o-Xylene
Concen: 19.28 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. 0.004 min
Lab File: VN065606.D
Acq: 26 Jan 2021 16:02

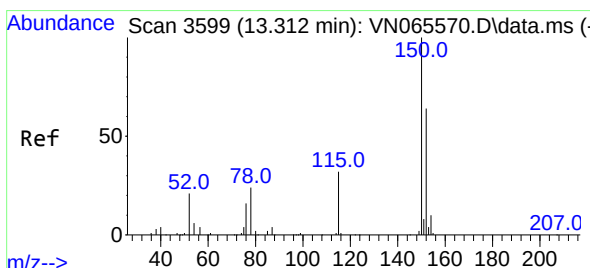
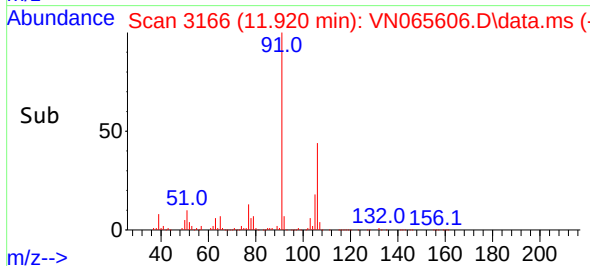
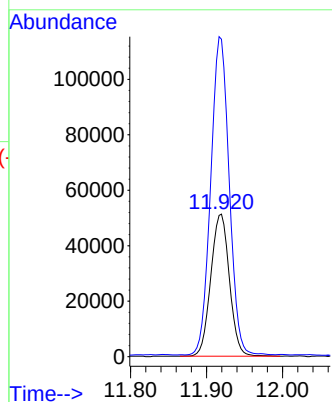
Instrument :
MSVOA_N
ClientSampled :
238DL



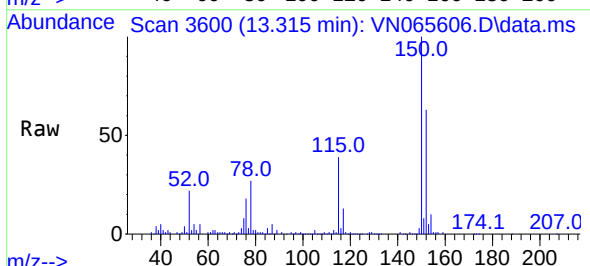
Tgt Ion:106 Resp: 87152
Ion Ratio Lower Upper
106 100
91 221.8 106.8 320.4

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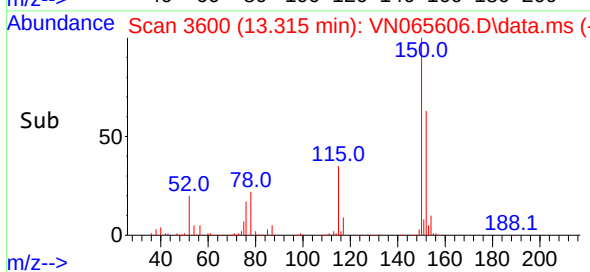
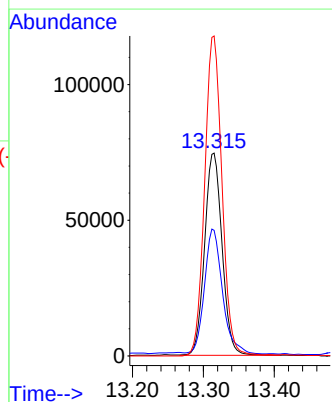
MMDadoda
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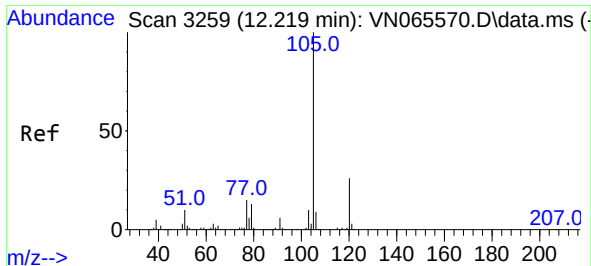


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065606.D
Acq: 26 Jan 2021 16:02



Tgt Ion:152 Resp: 127194
Ion Ratio Lower Upper
152 100
115 64.0 28.5 85.6
150 157.2 0.0 347.6





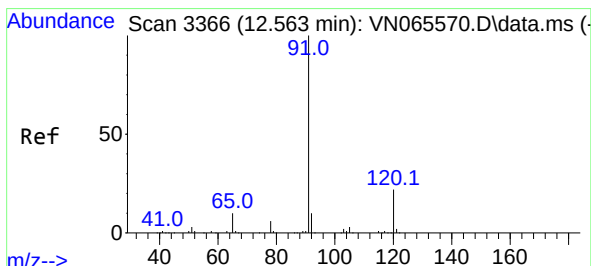
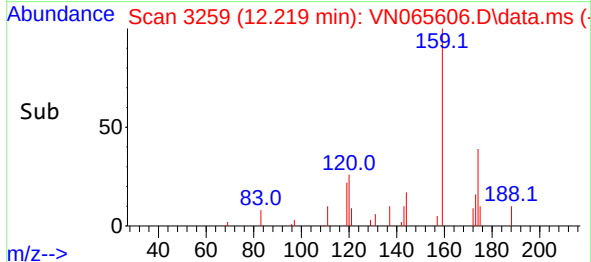
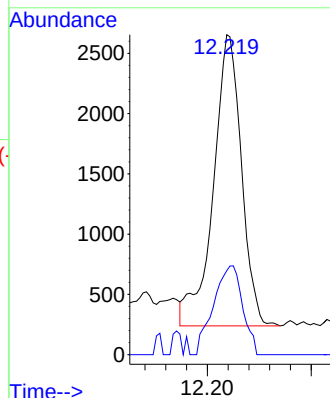
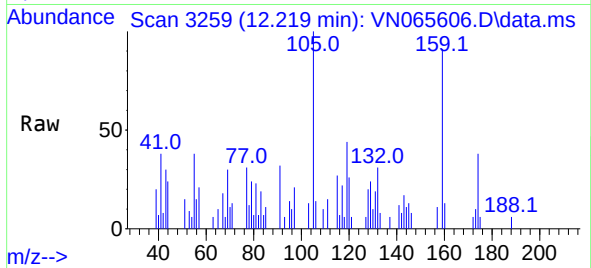
#73
Isopropylbenzene
Concen: 0.41 ug/l
RT: 12.219 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VN065606.D
Acq: 26 Jan 2021 16:02

Instrument :
MSVOA_N
ClientSampled :
238DL

Tgt Ion:105 Resp: 4536
Ion Ratio Lower Upper
105 100
120 31.6 13.3 39.9

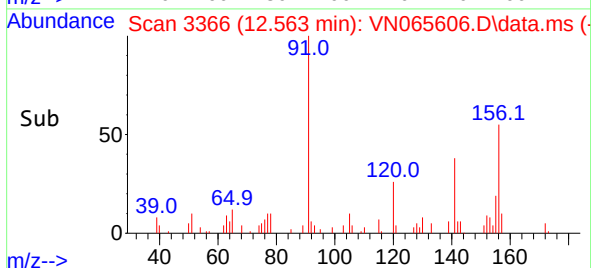
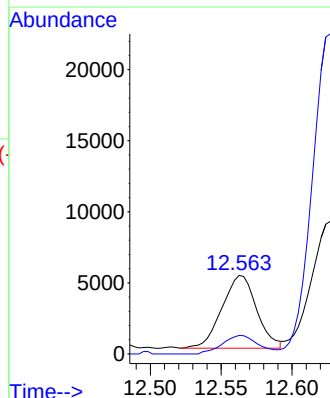
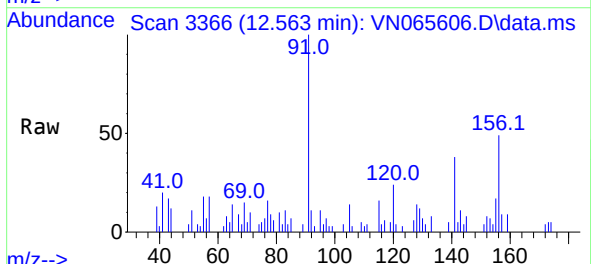
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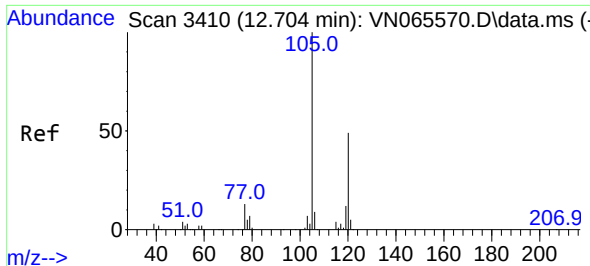
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#78
n-propylbenzene
Concen: 0.66 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. -0.000 min
Lab File: VN065606.D
Acq: 26 Jan 2021 16:02

Tgt Ion: 91 Resp: 8724
Ion Ratio Lower Upper
91 100
120 26.2 11.8 35.3





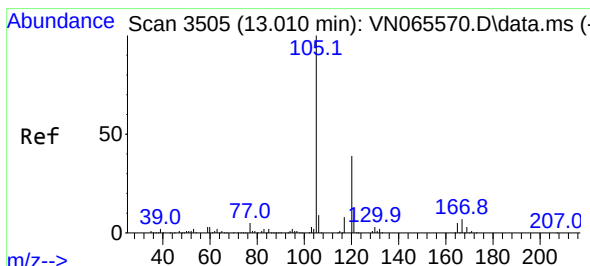
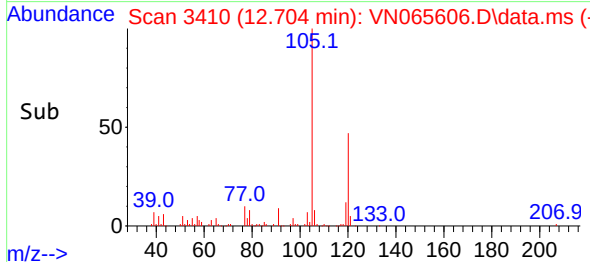
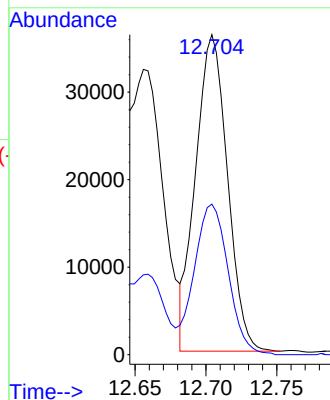
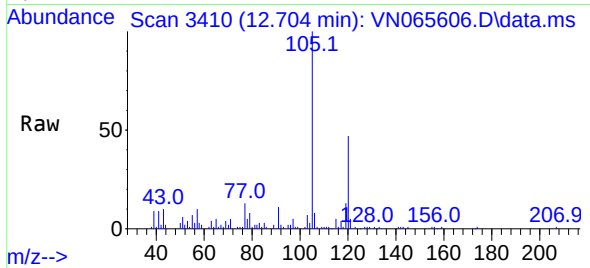
#80
1,3,5-Trimethylbenzene
Concen: 5.95 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065606.D
Acq: 26 Jan 2021 16:02

Tgt Ion:105 Resp: 56444
Ion Ratio Lower Upper
105 100
120 51.1 24.3 72.8

Instrument :
MSVOA_N
ClientSampled :
238DL

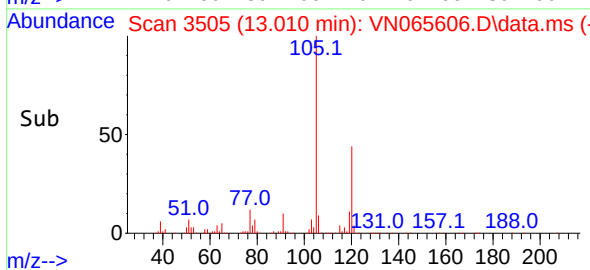
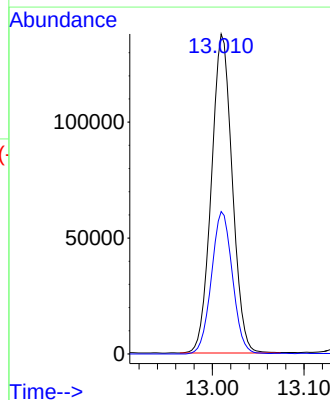
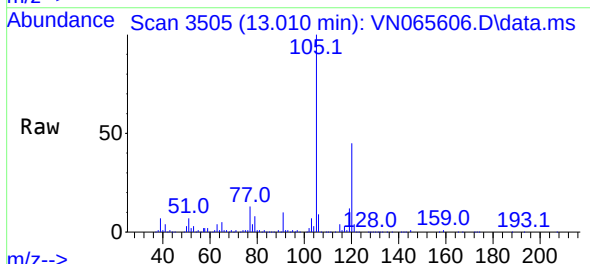
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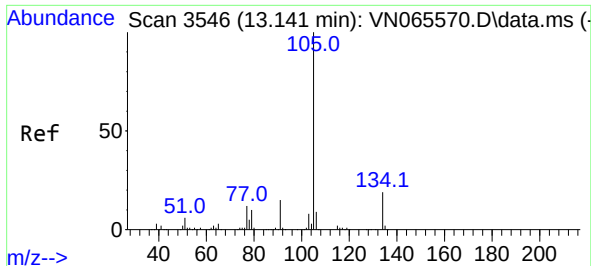
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#84
1,2,4-Trimethylbenzene
Concen: 22.97 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN065606.D
Acq: 26 Jan 2021 16:02

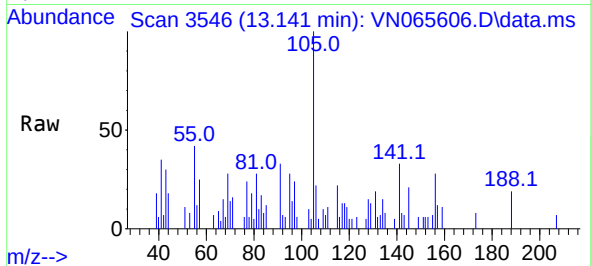
Tgt Ion:105 Resp: 217280
Ion Ratio Lower Upper
105 100
120 45.0 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 0.48 ug/l m
 RT: 13.141 min Scan# 3546
 Delta R.T. 0.000 min
 Lab File: VN065606.D
 Acq: 26 Jan 2021 16:02

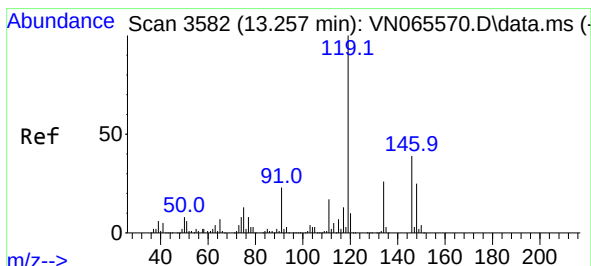
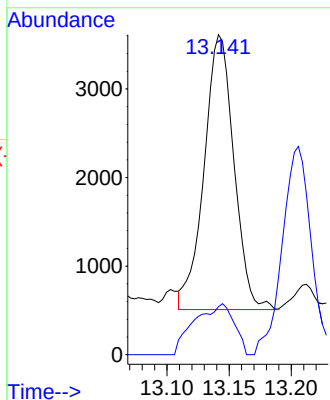
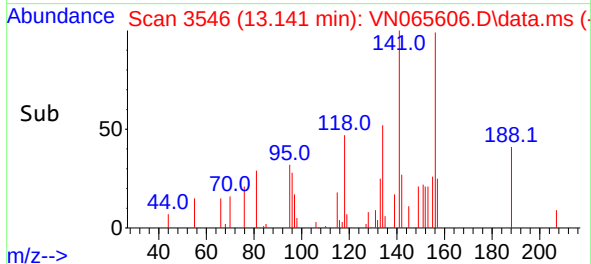
Instrument :
 MSVOA_N
 ClientSampled :
 238DL



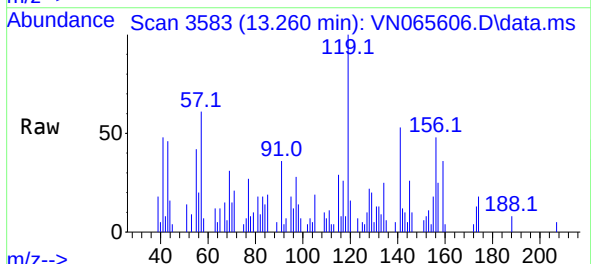
Tgt Ion:105 Resp: 5167
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.0 30.0#

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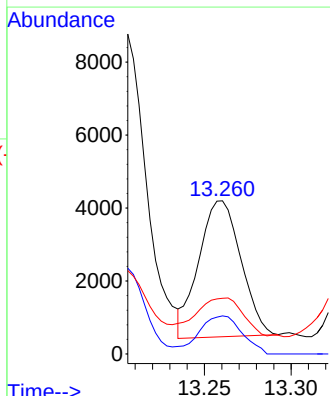
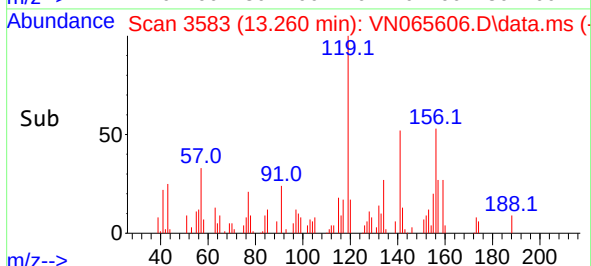
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 1/27/2021 11:13:12 AM

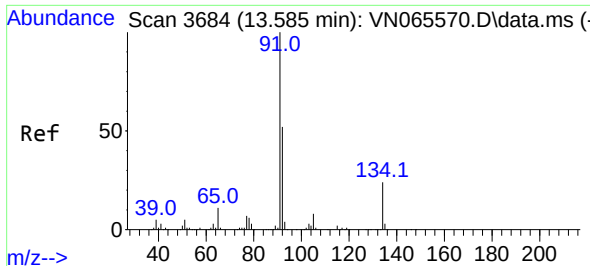


#86
 p-Isopropyltoluene
 Concen: 0.67 ug/l
 RT: 13.260 min Scan# 3583
 Delta R.T. 0.003 min
 Lab File: VN065606.D
 Acq: 26 Jan 2021 16:02

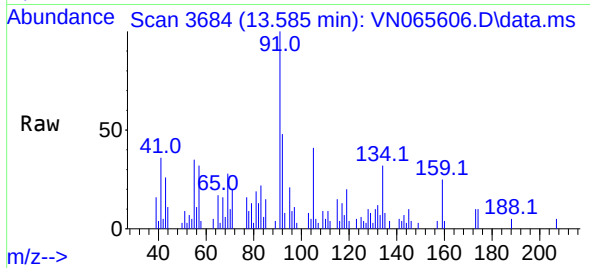


Tgt Ion:119 Resp: 6314
 Ion Ratio Lower Upper
 119 100
 134 28.3 13.3 39.8
 91 31.4 11.8 35.3

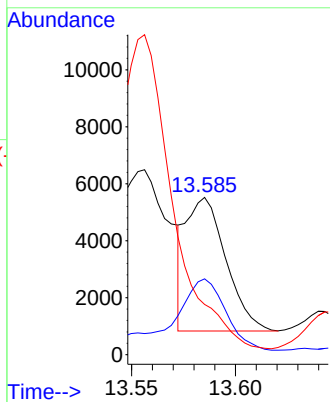
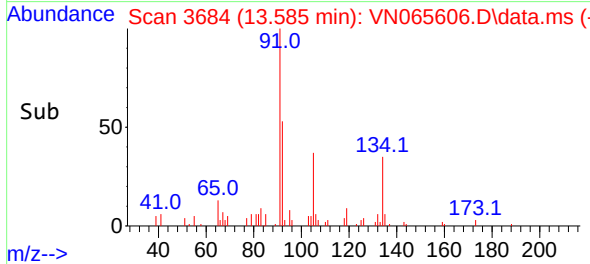




#89
n-Butylbenzene
Concen: 0.74 ug/l m
RT: 13.585 min Scan# 3684
Delta R.T. 0.000 min
Lab File: VN065606.D
Acq: 26 Jan 2021 16:02



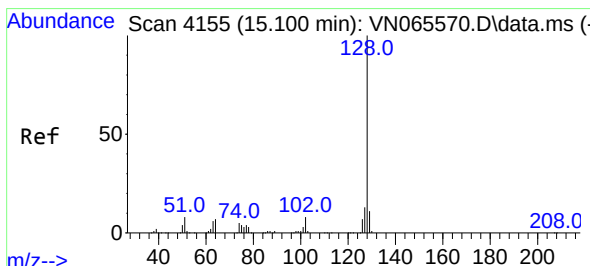
Tgt Ion: 91 Resp: 6257
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 332.6 13.0 38.9#



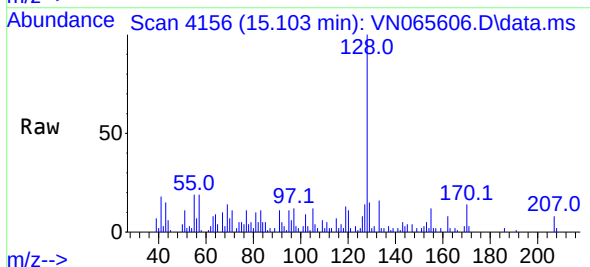
Instrument :
MSVOA_N
ClientSampled :
238DL

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#95
Naphthalene
Concen: 6.36 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.003 min
Lab File: VN065606.D
Acq: 26 Jan 2021 16:02



Tgt Ion:128 Resp: 25699
Ion Ratio Lower Upper
128 100
127 14.0 10.2 15.2
129 10.0 8.6 13.0

