

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
 Data File : VN070135.D
 Acq On : 16 Dec 2021 14:06
 Operator : JC/MD
 Sample : M5011-01
 Misc : 5.81g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HSB-1-(9-9.5)

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Dec 16 15:48:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	1255807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2289147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2474623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1355730	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	970696	50.06	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.12%	
35) Dibromofluoromethane	8.019	113	653057	45.54	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 91.08%	
50) Toluene-d8	10.440	98	2966963	51.53	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.06%	
62) 4-Bromofluorobenzene	12.734	95	1349097	64.68	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 129.36%	
Target Compounds						
					Qvalue	
25) 2-Butanone	7.351	43	163759	10.33	ug/l	92
39) Methylcyclohexane	9.454	83	964355	37.20	ug/l #	61
40) Benzene	8.453	78	124816	1.87	ug/l	98
52) Toluene	10.505	92	263840	6.49	ug/l	96
67) Ethyl Benzene	11.846	91	4117128	45.15	ug/l	96
68) m/p-Xylenes	11.953	106	3140892	94.59	ug/l	93
69) o-Xylene	12.283	106	690198	20.64	ug/l	90
73) Isopropylbenzene	12.581	105	1006088	8.34	ug/l	98
78) n-propylbenzene	12.921	91	6218524	46.33	ug/l	96
80) 1,3,5-Trimethylbenzene	13.061	105	7320929	75.41	ug/l	98
84) 1,2,4-Trimethylbenzene	13.358	105	18443513m	199.47	ug/l	
85) sec-Butylbenzene	13.503	105	945740	8.11	ug/l #	58
86) p-Isopropyltoluene	13.616	119	355846	3.90	ug/l	96
89) n-Butylbenzene	13.943	91	1364498	18.45	ug/l #	58
95) Naphthalene	15.507	128	1963100	31.25	ug/l	100

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

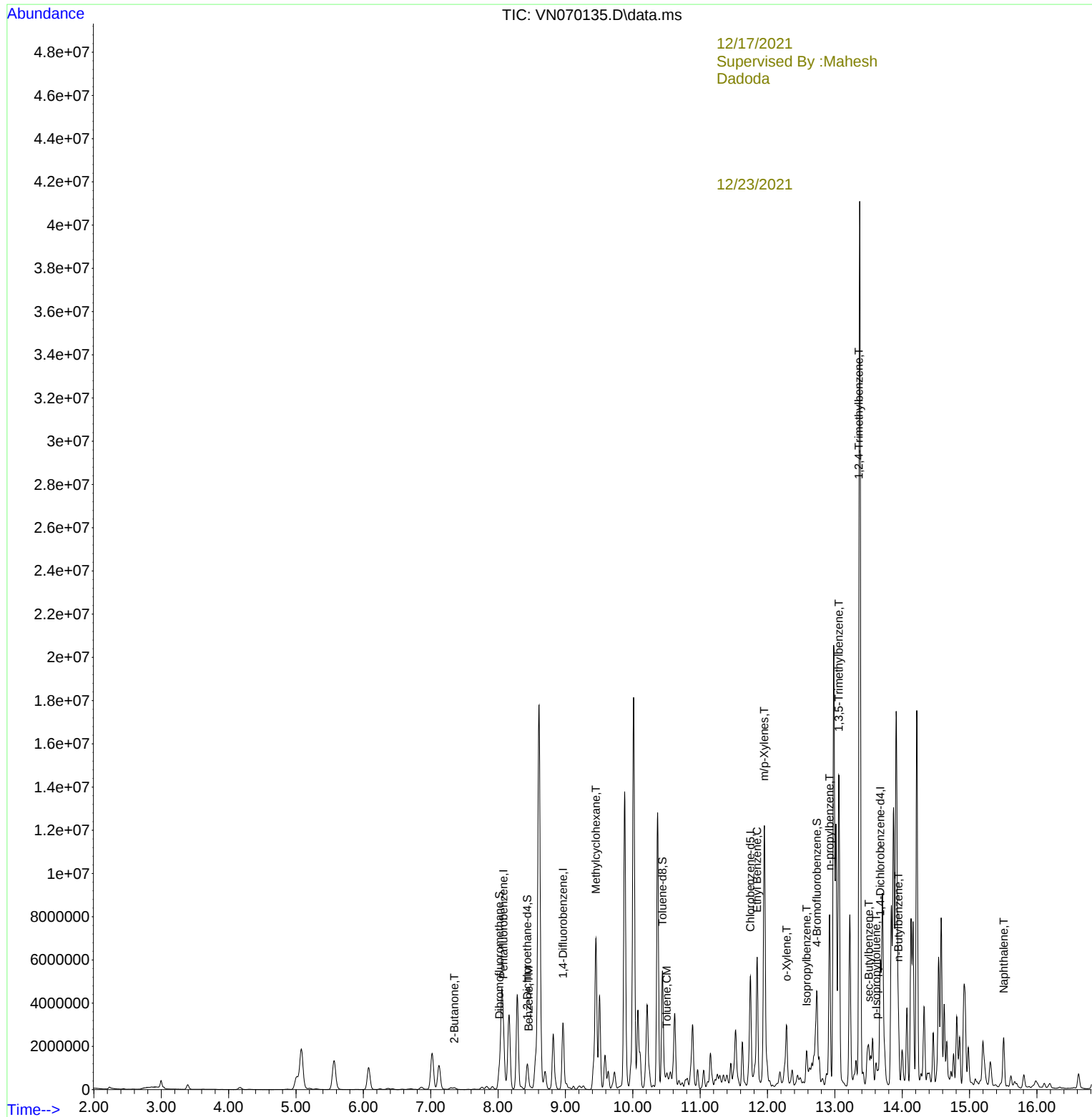
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
Data File : VN070135.D
Acq On : 16 Dec 2021 14:06
Operator : JC/MD
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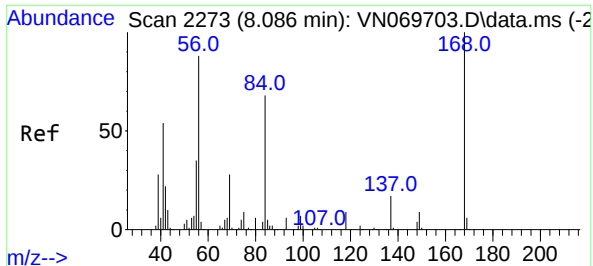
Instrument :
MSVOA_N
ClientSampleId :
HSB-1-(9-9.5)

Manual Integrations
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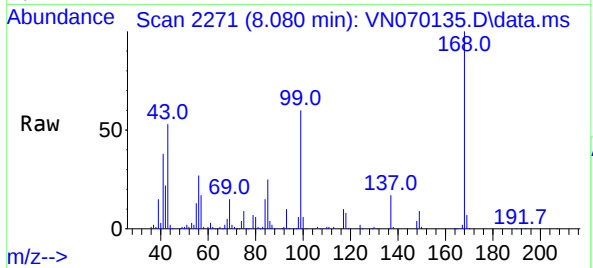
Quant Time: Dec 16 15:48:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

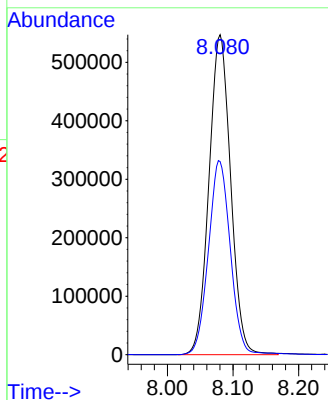
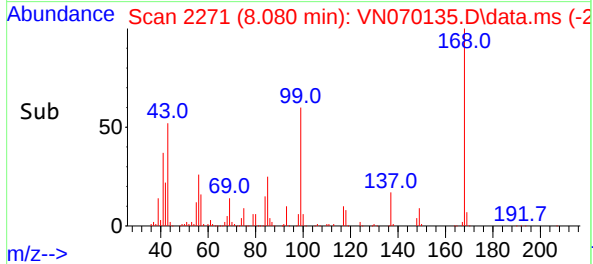
Instrument :
MSVOA_N
ClientSampleId :
HSB-1-(9-9.5)



Tgt Ion: 168 Resp: 125580
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9

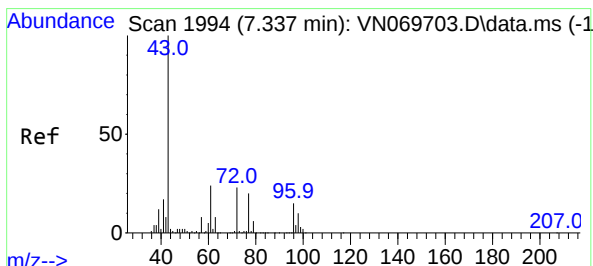
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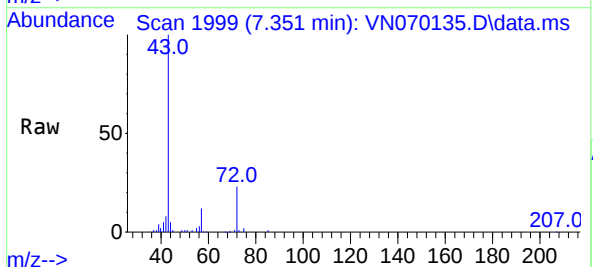


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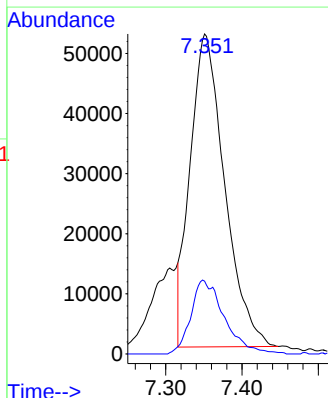
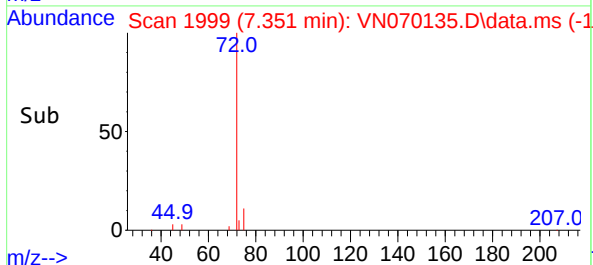
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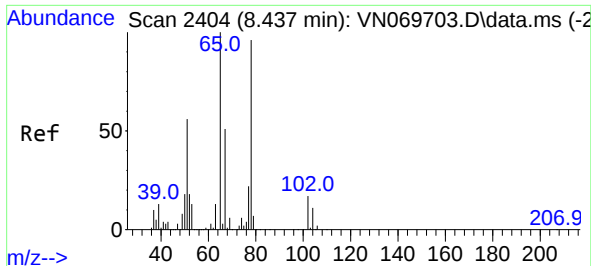


#25
2-Butanone
Concen: 10.33 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.014 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06



Tgt Ion: 43 Resp: 163759
Ion Ratio Lower Upper
43 100
72 22.8 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 50.06 ug/l

RT: 8.434 min Scan# 2404

Delta R.T. -0.002 min

Lab File: VN070135.D

Acq: 16 Dec 2021 14:06

Instrument :

MSVOA_N

ClientSampleId :

HSB-1-(9-9.5)

Tgt Ion: 65 Resp: 970690

Ion Ratio Lower Upper

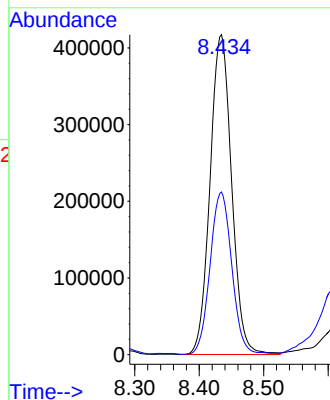
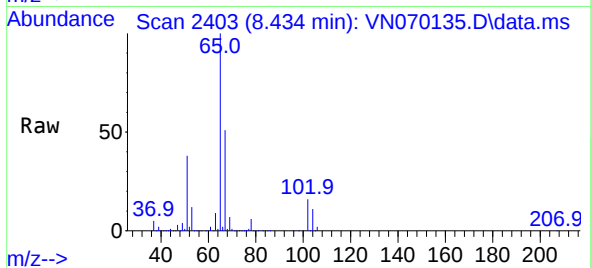
65 100

67 51.0 0.0 103.0

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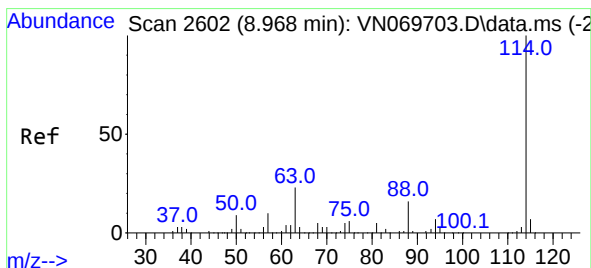
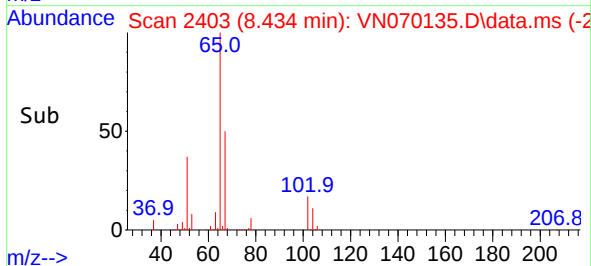
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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070135.D

Acq: 16 Dec 2021 14:06

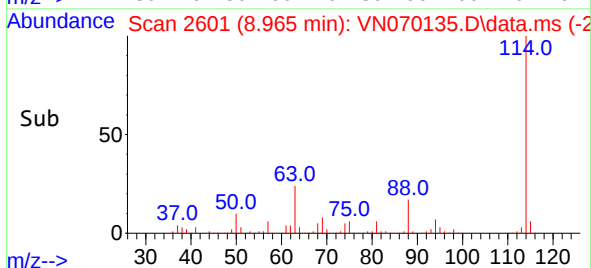
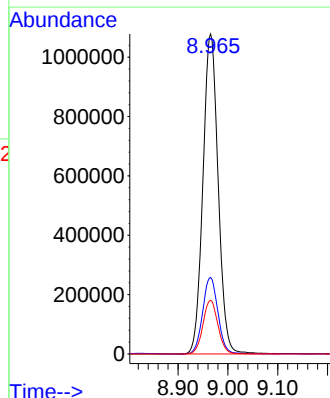
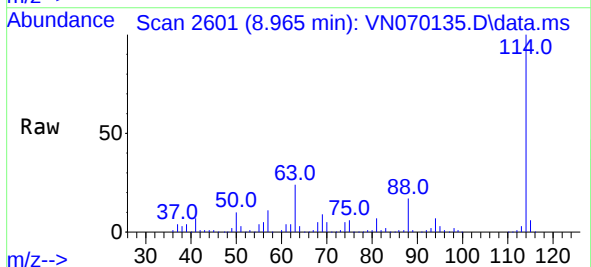
Tgt Ion:114 Resp: 2289147

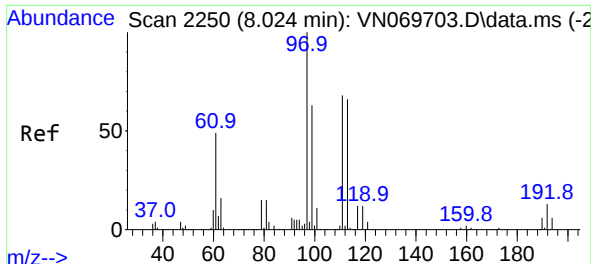
Ion Ratio Lower Upper

114 100

63 23.9 0.0 37.8

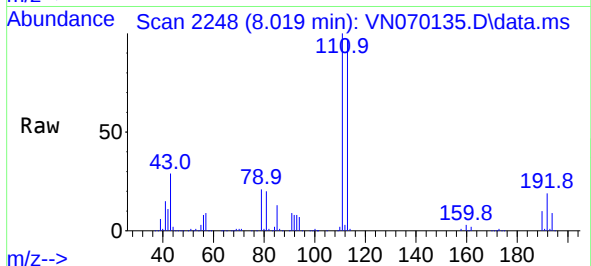
88 16.7 0.0 27.4





#35
Dibromofluoromethane
Concen: 45.54 ug/l
RT: 8.019 min Scan# 2113
Delta R.T. -0.005 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

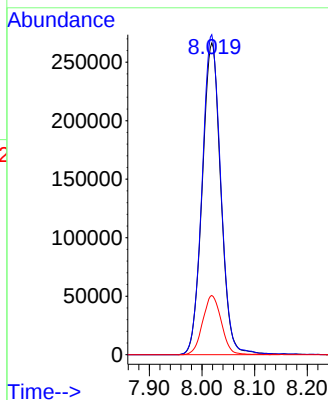
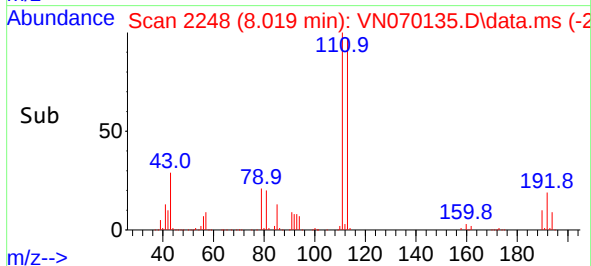
Instrument :
MSVOA_N
ClientSampleId :
HSB-1-(9-9.5)



Tgt Ion:113 Resp: 65305
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 19.1 16.9 25.3

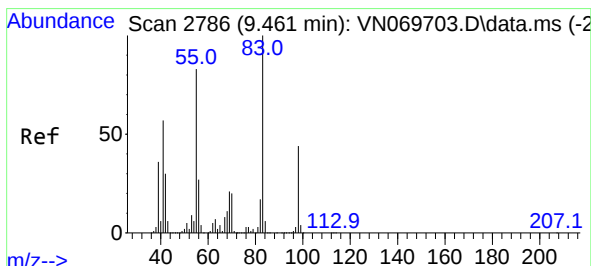
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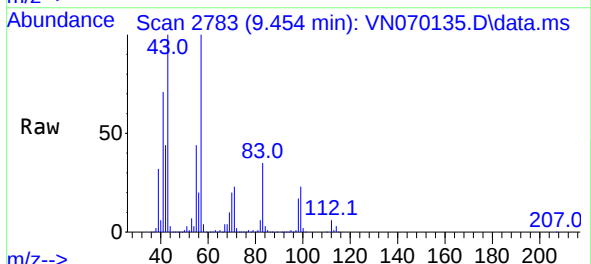


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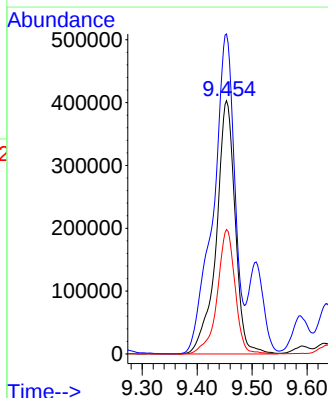
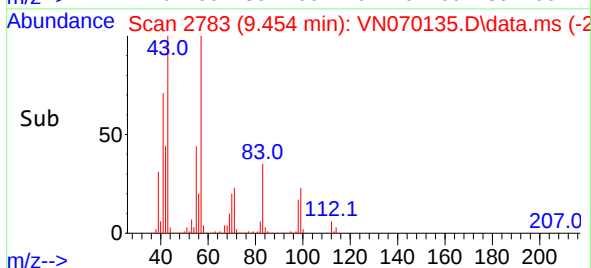
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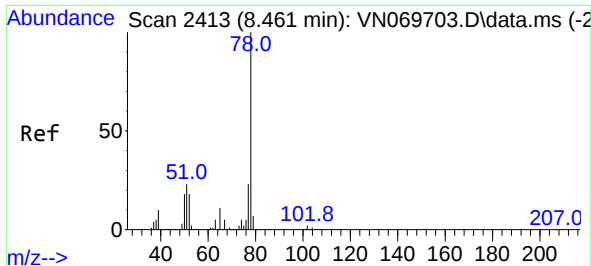


#39
Methylcyclohexane
Concen: 37.20 ug/l
RT: 9.454 min Scan# 2783
Delta R.T. -0.008 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06



Tgt Ion: 83 Resp: 964355
Ion Ratio Lower Upper
83 100
55 126.2 58.1 87.1#
98 49.1 38.4 57.6





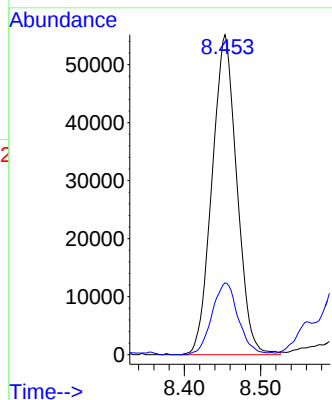
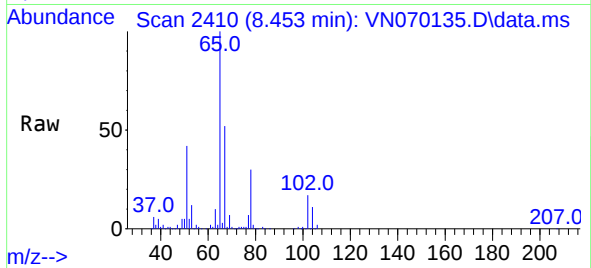
#40
Benzene
Concen: 1.87 ug/l
RT: 8.453 min Scan# 2410
Delta R.T. -0.008 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Instrument :
MSVOA_N
ClientSampleId :
HSB-1-(9-9.5)

Tgt Ion: 78 Resp: 124810
Ion Ratio Lower Upper
78 100
77 22.4 18.6 27.8

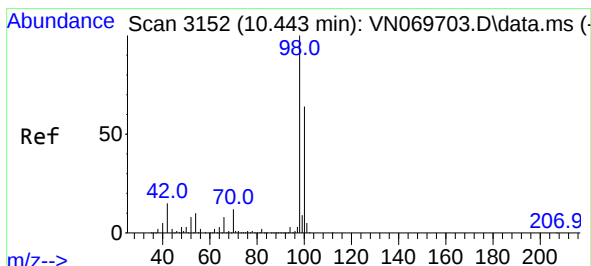
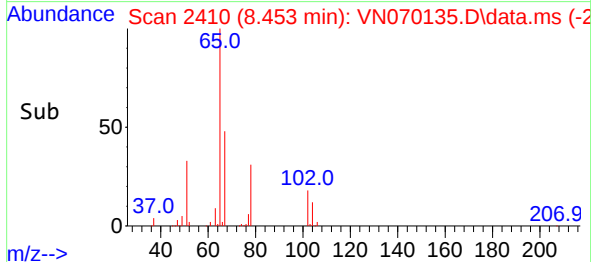
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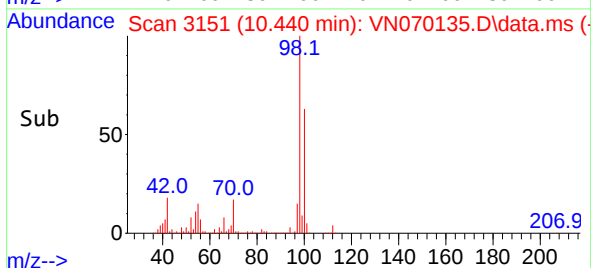
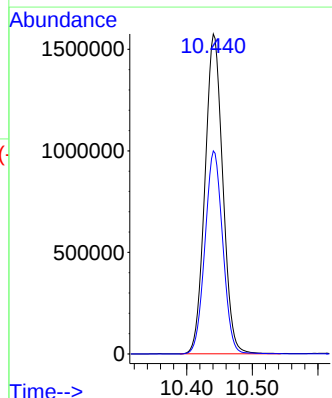
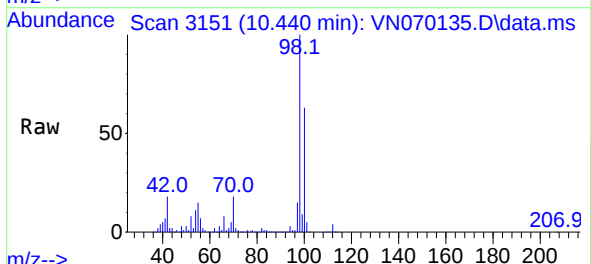
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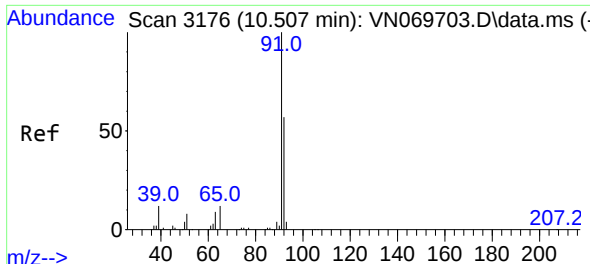
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#50
Toluene-d8
Concen: 51.53 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

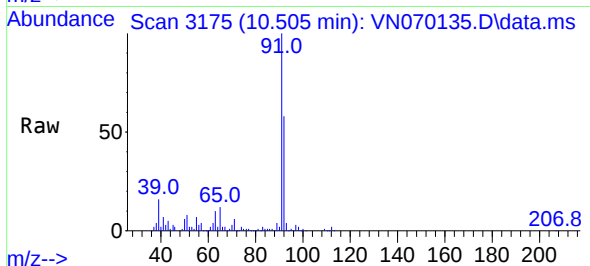
Tgt Ion: 98 Resp: 2966963
Ion Ratio Lower Upper
98 100
100 63.5 50.4 75.6





#52
Toluene
Concen: 6.49 ug/l
RT: 10.505 min Scan# 3176
Delta R.T. -0.002 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

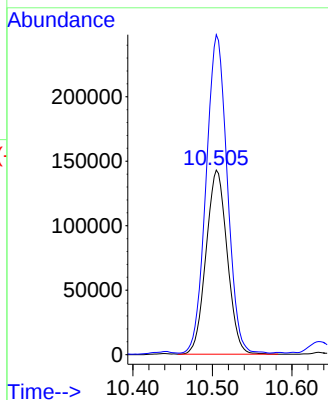
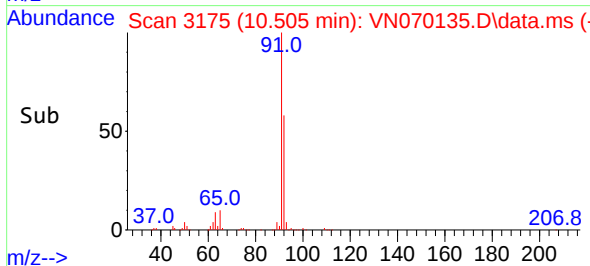
Instrument :
MSVOA_N
ClientSampleId :
HSB-1-(9-9.5)



Tgt Ion: 92 Resp: 263840
Ion Ratio Lower Upper
92 100
91 172.2 142.0 213.0

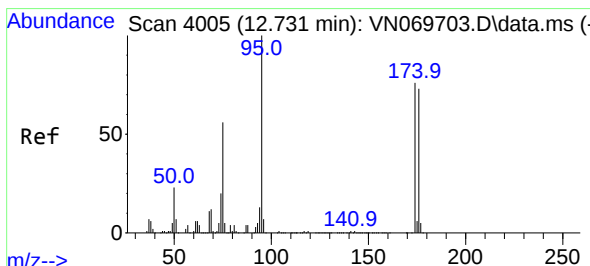
Manual Integrations
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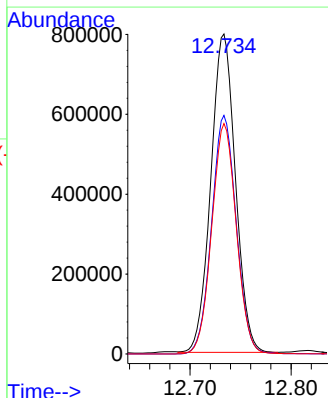
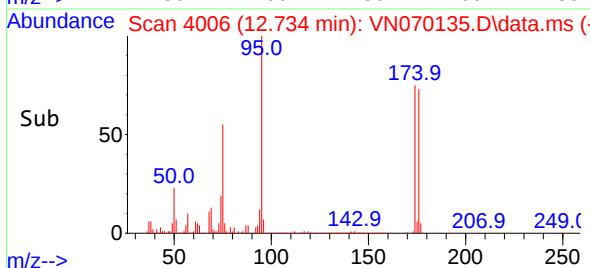
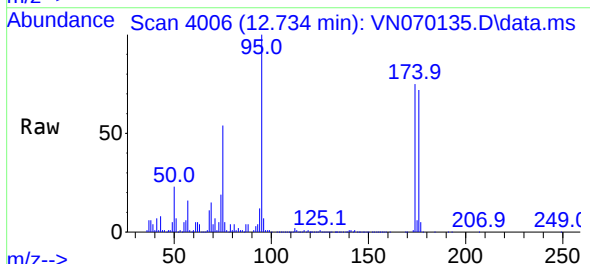
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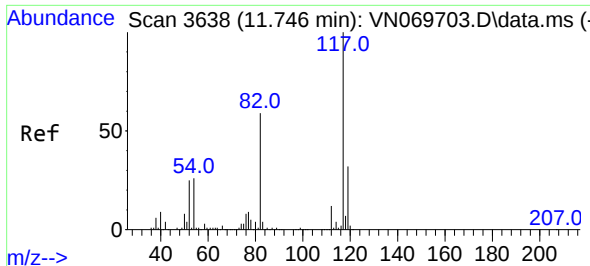
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#62
4-Bromofluorobenzene
Concen: 64.68 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

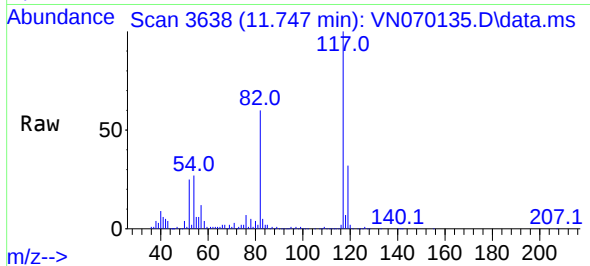
Tgt Ion: 95 Resp: 1349097
Ion Ratio Lower Upper
95 100
174 75.0 0.0 187.2
176 72.3 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Instrument :
MSVOA_N
Client Sample Id :
HSB-1-(9-9.5)

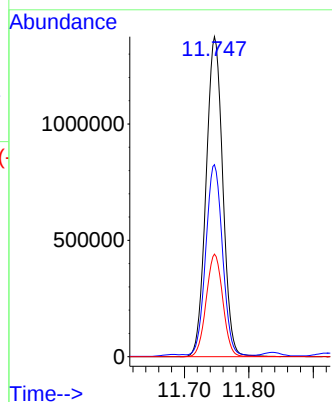


Tgt Ion: 117 Resp: 247462

Ion	Ratio	Lower	Upper
117	100		
82	59.4	42.4	63.6
119	32.0	25.4	38.2

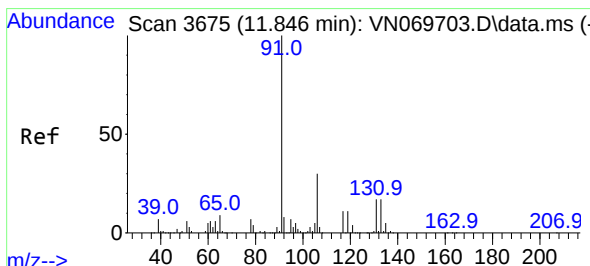
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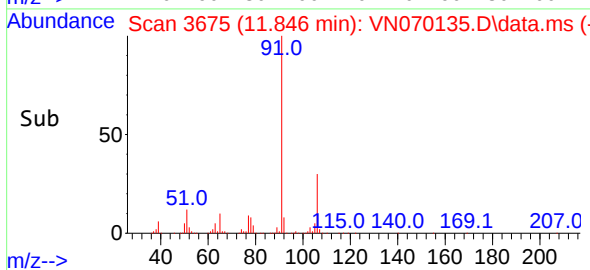
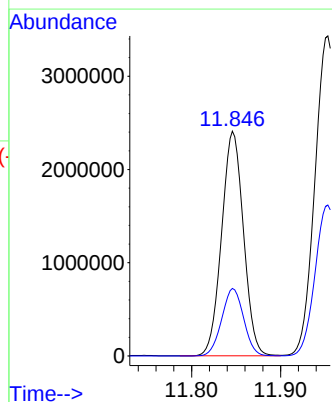
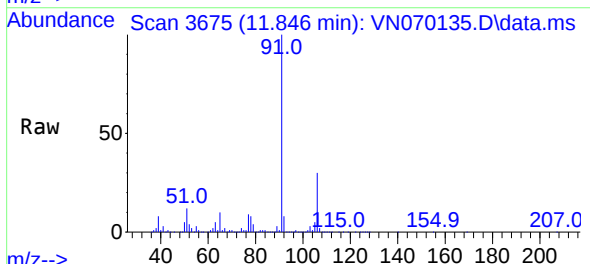
12/23/2021

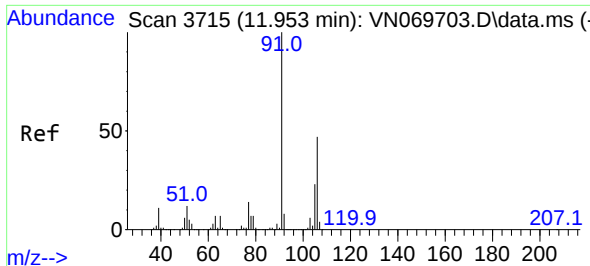


#67
Ethyl Benzene
Concen: 45.15 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Tgt Ion: 91 Resp: 4117128

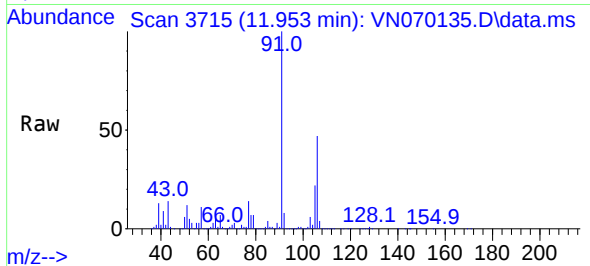
Ion	Ratio	Lower	Upper
91	100		
106	30.1	25.7	38.5





#68
m/p-Xylenes
Concen: 94.59 ug/l
RT: 11.953 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

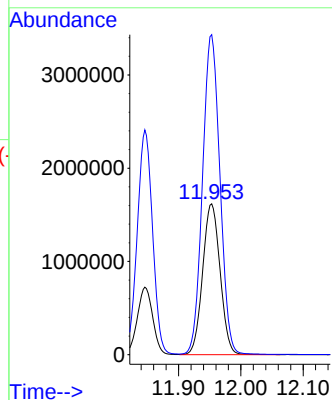
Instrument :
MSVOA_N
ClientSampleId :
HSB-1-(9-9.5)



Tgt Ion:106 Resp: 3140892
Ion Ratio Lower Upper
106 100
91 211.8 160.6 240.8

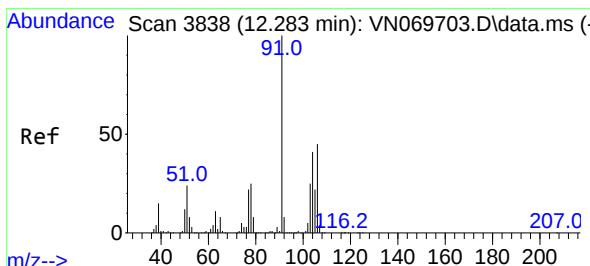
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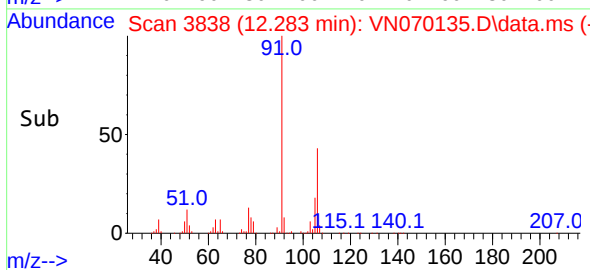
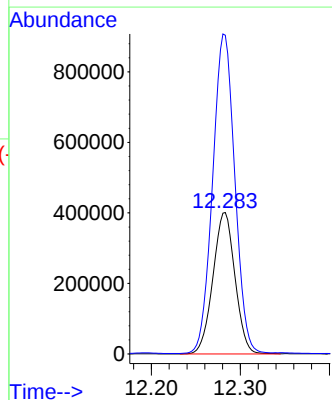
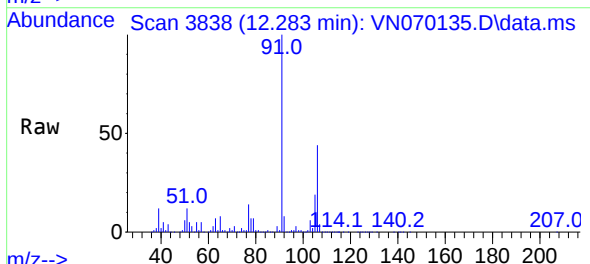
12/17/2021
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Dadoda

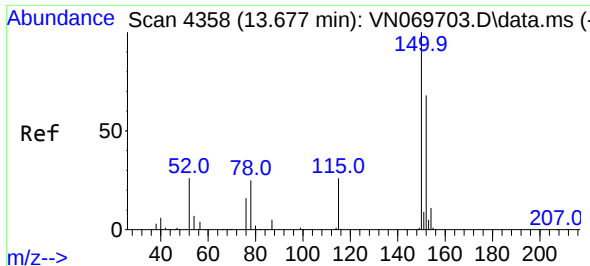
12/23/2021



#69
o-Xylene
Concen: 20.64 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

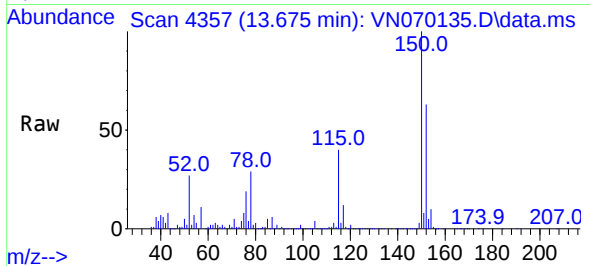
Tgt Ion:106 Resp: 690198
Ion Ratio Lower Upper
106 100
91 227.5 105.8 317.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4358
Delta R.T. -0.002 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

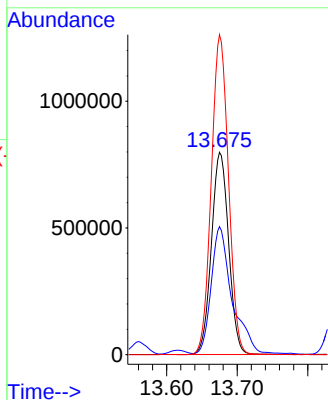
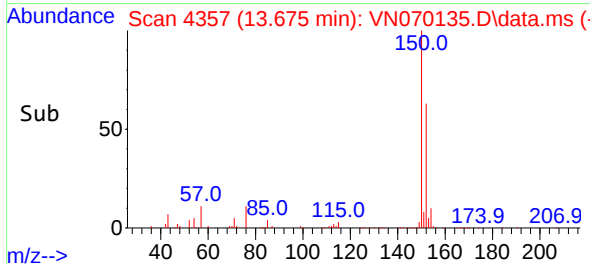
Instrument :
MSVOA_N
ClientSampleId :
HSB-1-(9-9.5)



Tgt Ion:152 Resp: 1355730
Ion Ratio Lower Upper
152 100
115 75.6 27.5 82.5
150 157.4 0.0 344.4

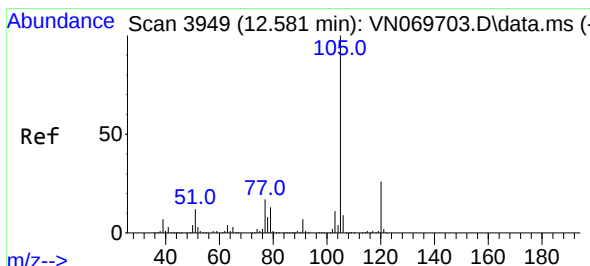
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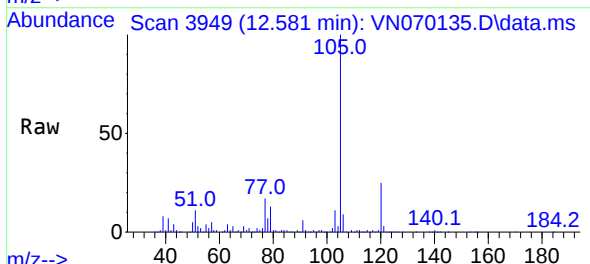


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Supervised By :Mahesh
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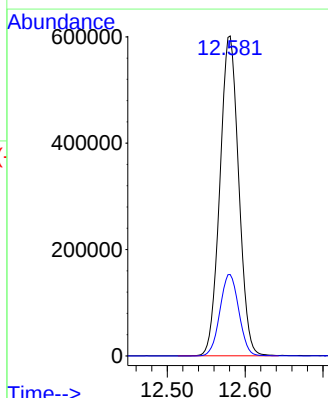
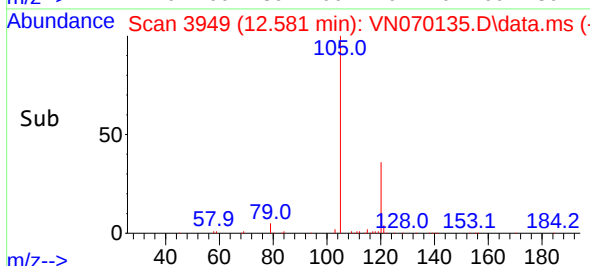
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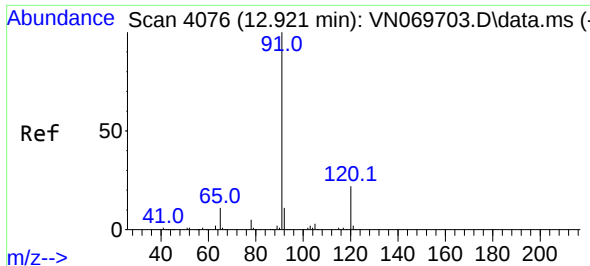


#73
Isopropylbenzene
Concen: 8.34 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06



Tgt Ion:105 Resp: 1006088
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1





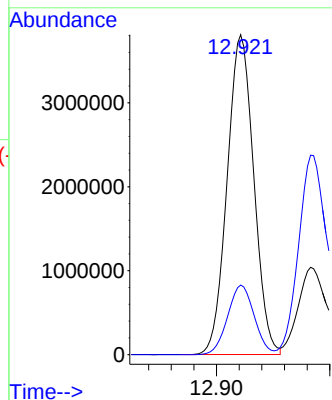
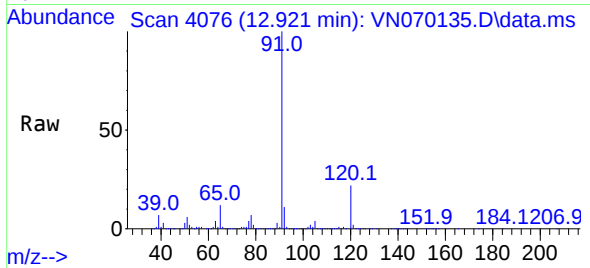
#78
n-propylbenzene
Concen: 46.33 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Instrument :
MSVOA_N
ClientSampleId :
HSB-1-(9-9.5)

Tgt Ion: 91 Resp: 6218524
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9

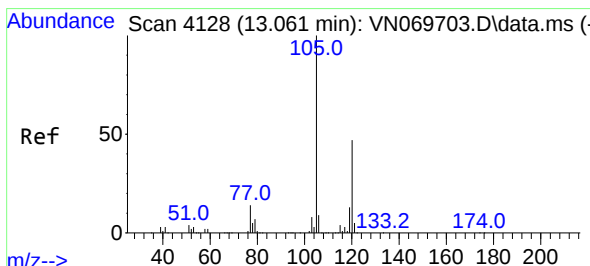
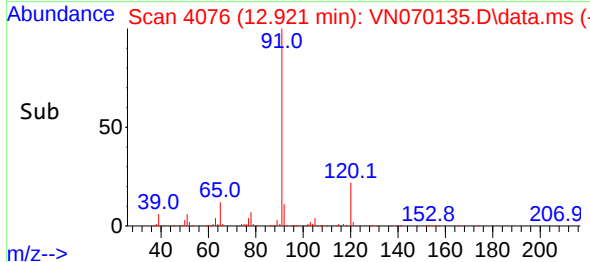
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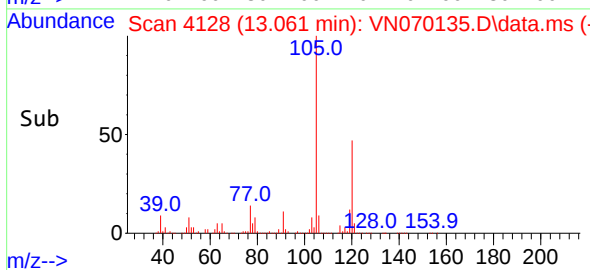
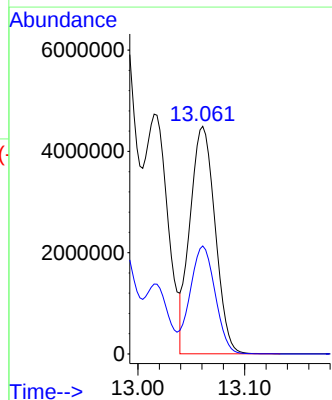
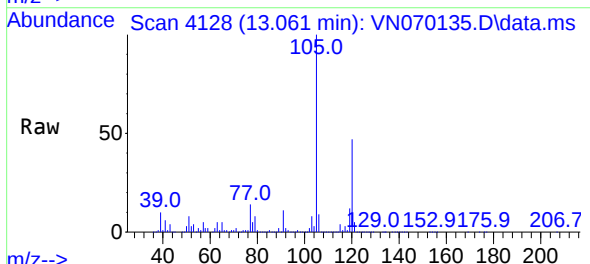
12/17/2021
Supervised By :Mahesh
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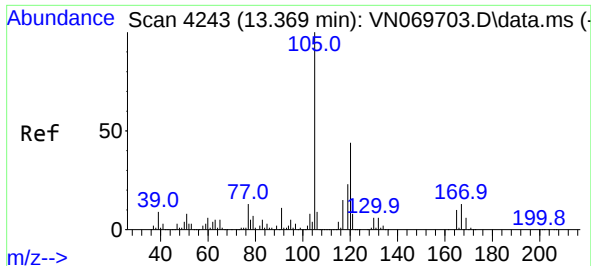
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#80
1,3,5-Trimethylbenzene
Concen: 75.41 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Tgt Ion:105 Resp: 7320929
Ion Ratio Lower Upper
105 100
120 47.9 24.6 73.6





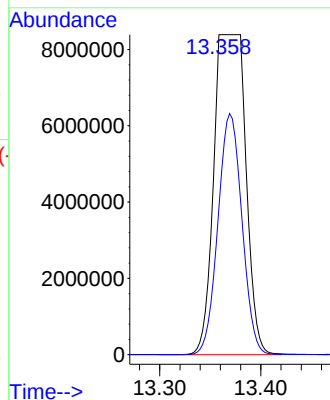
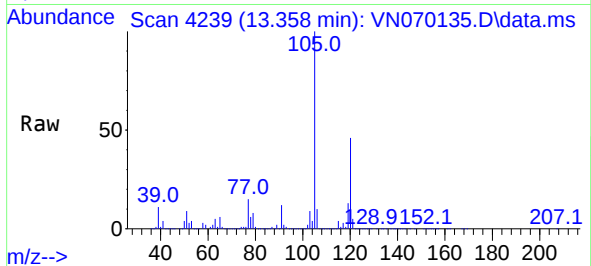
#84
1,2,4-Trimethylbenzene
Concen: 199.47 ug/l m
RT: 13.358 min Scan# 4239
Delta R.T. -0.011 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Instrument :
MSVOA_N
ClientSampleId :
HSB-1-(9-9.5)

Tgt Ion:105 Resp:1844351
Ion Ratio Lower Upper
105 100
120 7.9 22.8 68.4

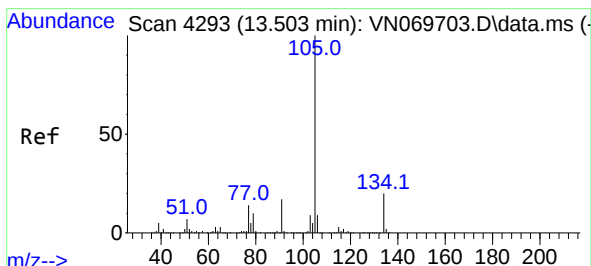
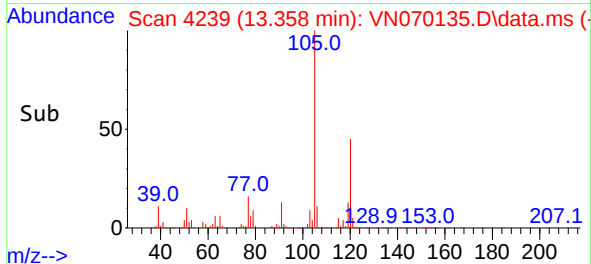
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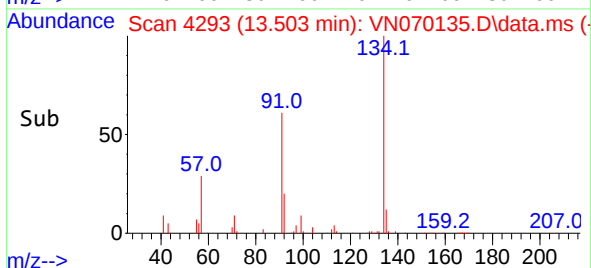
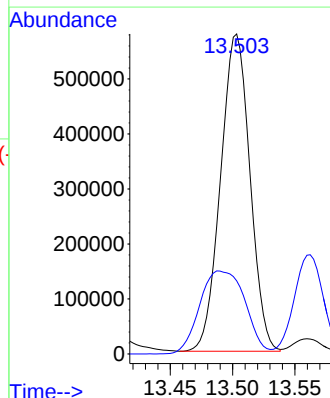
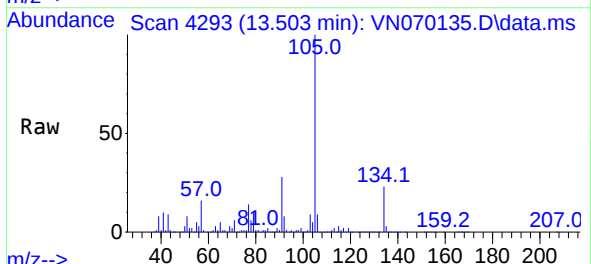
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Dadoda

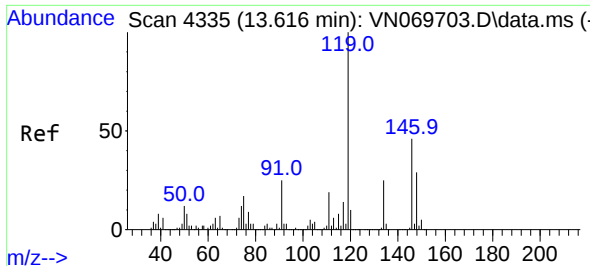
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#85
sec-Butylbenzene
Concen: 8.11 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

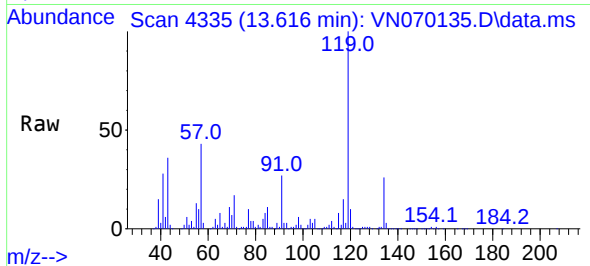
Tgt Ion:105 Resp: 945740
Ion Ratio Lower Upper
105 100
134 40.3 10.4 31.1





#86
p-Isopropyltoluene
Concen: 3.90 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

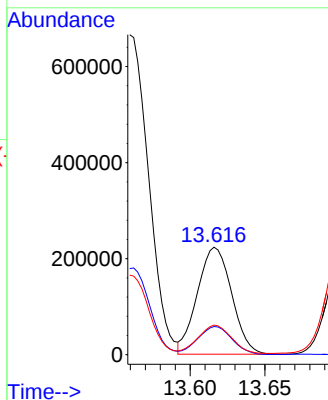
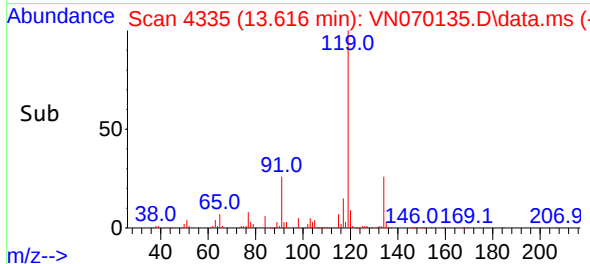
Instrument :
MSVOA_N
ClientSampleId :
HSB-1-(9-9.5)



Tgt Ion:119 Resp: 355840
Ion Ratio Lower Upper
119 100
134 25.9 13.6 40.7
91 25.2 11.4 34.1

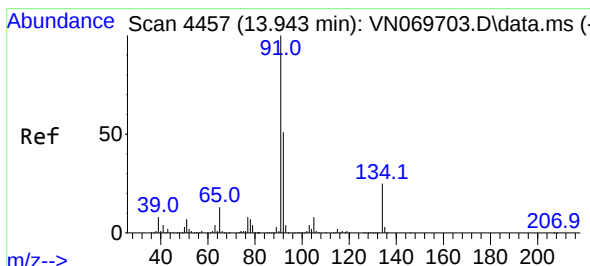
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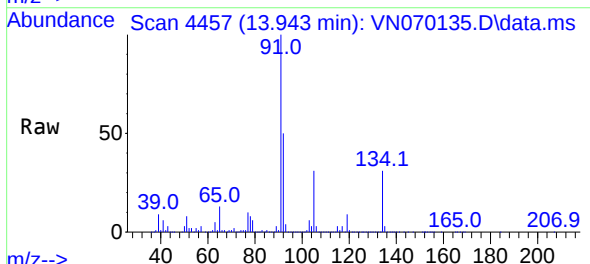


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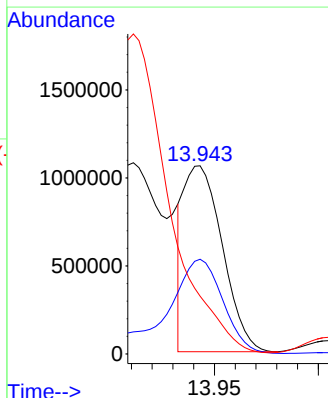
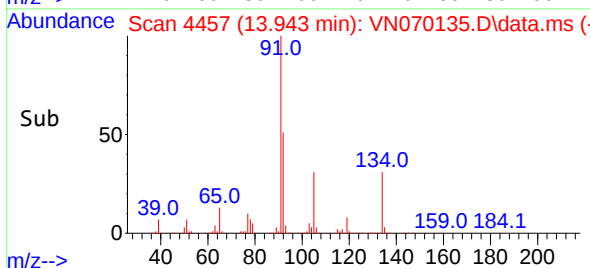
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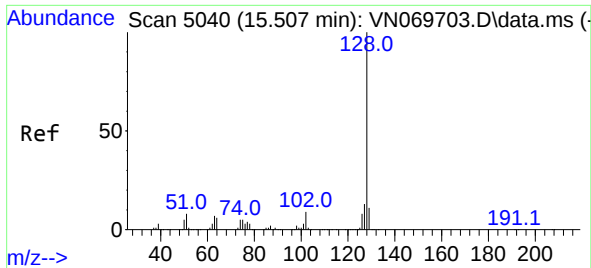


#89
n-Butylbenzene
Concen: 18.45 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06



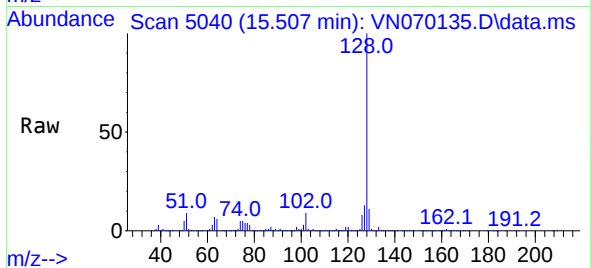
Tgt Ion: 91 Resp: 1364498
Ion Ratio Lower Upper
91 100
92 75.9 25.4 76.0
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 31.25 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

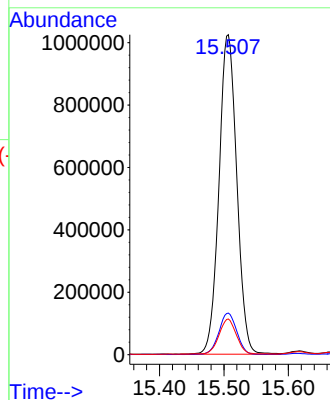
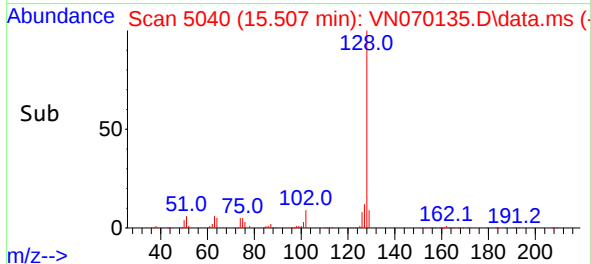
Instrument :
MSVOA_N
ClientSampleId :
HSB-1-(9-9.5)



Tgt Ion:128 Resp: 1963100
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.8 8.7 13.1

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