

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
 Data File : VN070245.D
 Acq On : 20 Dec 2021 17:10
 Operator : JC/MD
 Sample : M5044-17
 Misc : 6.21g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DA-17-4.5

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/21/2021
 Supervised By :Mahesh Dadoda 12/23/2021

Quant Time: Dec 21 04:04:12 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	1305425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2417206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2666295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1409517	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	1022636	50.74	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	101.48%		
35) Dibromofluoromethane	8.019	113	694024	45.84	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.68%		
50) Toluene-d8	10.440	98	3081690	50.69	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.38%		
62) 4-Bromofluorobenzene	12.731	95	1502348	68.21	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	136.42%#		
Target Compounds					Qvalue	
39) Methylcyclohexane	9.453	83	364663	13.32	ug/l #	76
67) Ethyl Benzene	11.843	91	2582638	26.28	ug/l	96
68) m/p-Xylenes	11.953	106	1684991	47.10	ug/l	91
69) o-Xylene	12.280	106	324783	9.01	ug/l	92
73) Isopropylbenzene	12.578	105	2298332	18.33	ug/l	98
78) n-propylbenzene	12.919	91	2136763	15.31	ug/l	95
80) 1,3,5-Trimethylbenzene	13.058	105	2019876	20.01	ug/l	97
84) 1,2,4-Trimethylbenzene	13.366	105	7654405	79.63	ug/l	98
85) sec-Butylbenzene	13.501	105	198555m	1.64	ug/l	
89) n-Butylbenzene	13.940	91	285800	3.72	ug/l #	73
95) Naphthalene	15.504	128	637489	12.50	ug/l	100

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

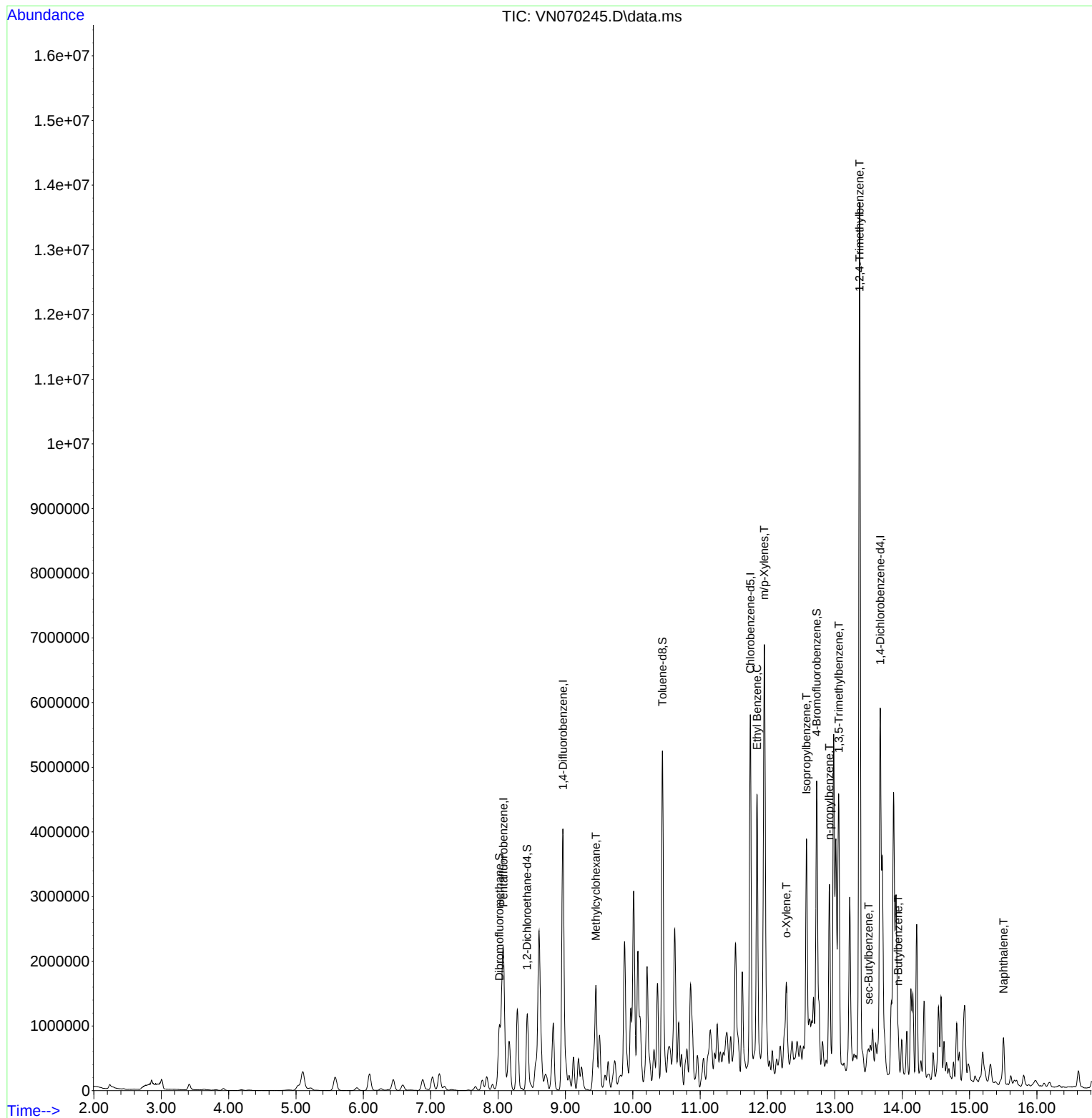
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070245.D
Acq On : 20 Dec 2021 17:10
Operator : JC/MD
Sample : M5044-17
Misc : 6.21g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 17 Sample Multiplier: 1

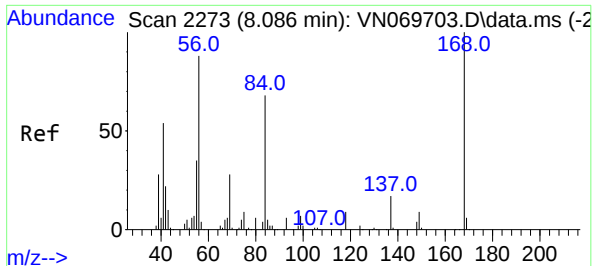
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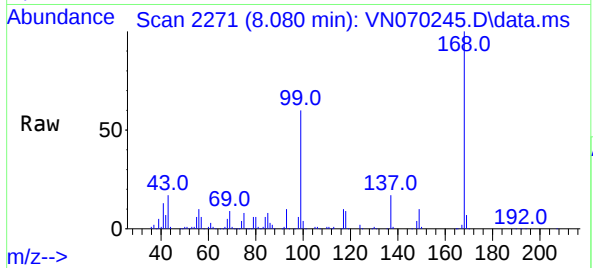
Quant Time: Dec 21 04:04:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070245.D
Acq: 20 Dec 2021 17:10

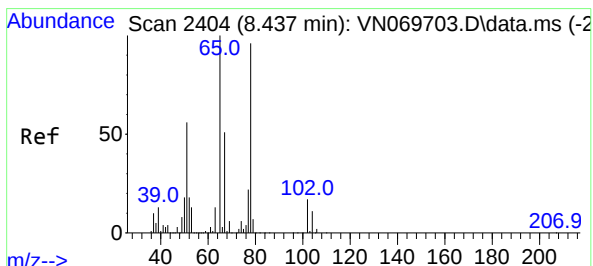
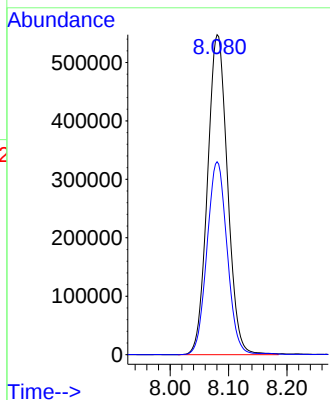
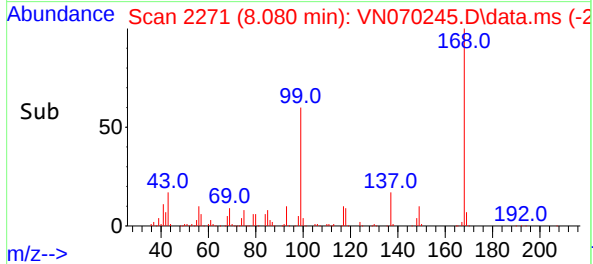
Instrument :
MSVOA_N
ClientSampleId :
DA-17-4.5



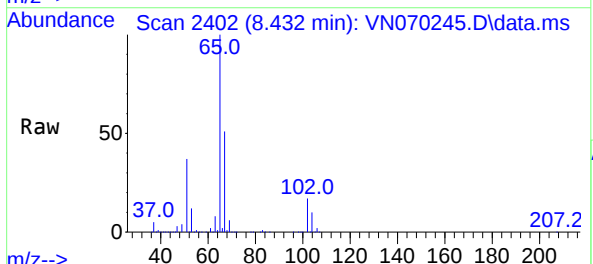
Tgt Ion:168 Resp: 130542
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9

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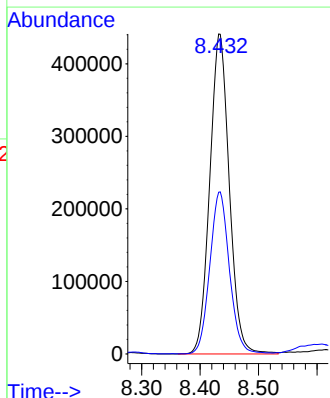
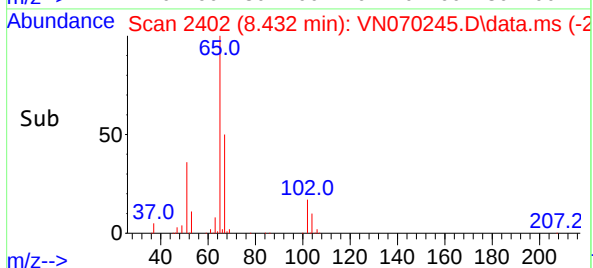
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

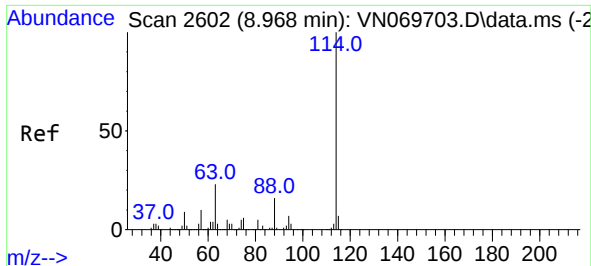


#33
1,2-Dichloroethane-d4
Concen: 50.74 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.005 min
Lab File: VN070245.D
Acq: 20 Dec 2021 17:10



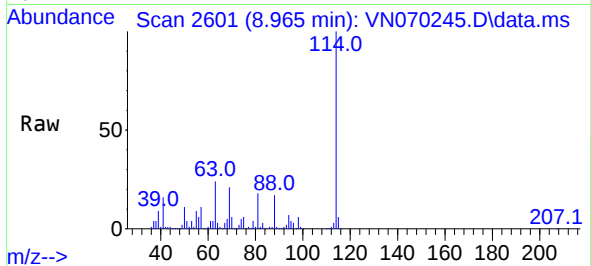
Tgt Ion: 65 Resp: 1022636
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.965 min Scan# 201
Delta R.T. -0.003 min
Lab File: VN070245.D
Acq: 20 Dec 2021 17:10

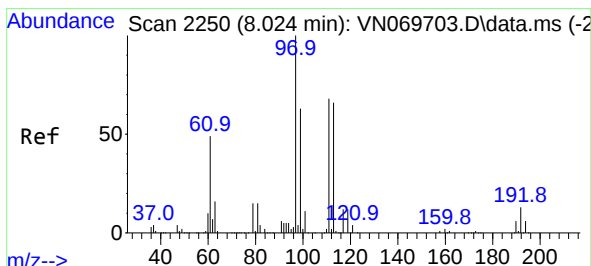
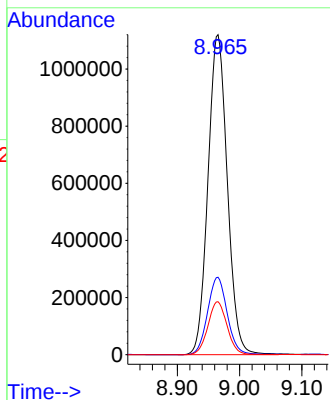
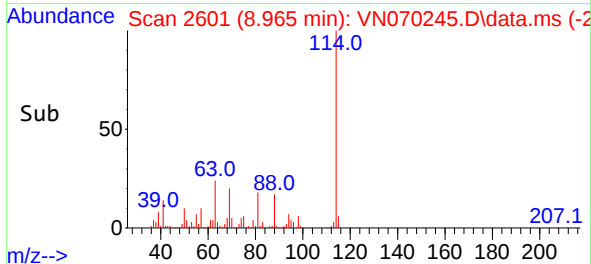
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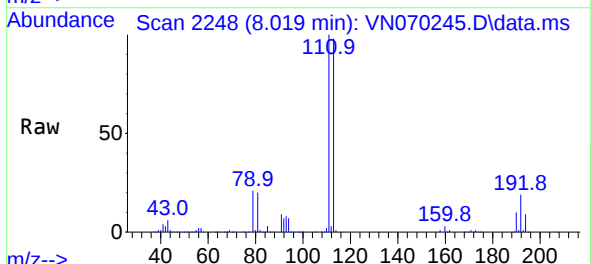
Tgt Ion:114 Resp: 2417200
Ion Ratio Lower Upper
114 100
63 24.2 0.0 37.8
88 16.5 0.0 27.4

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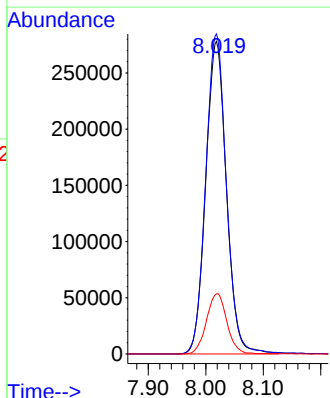
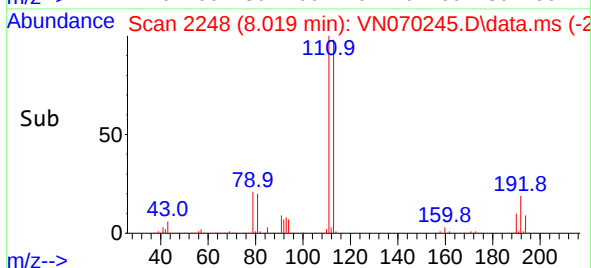
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

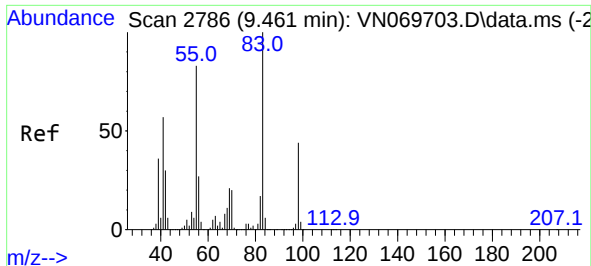


#35
Dibromofluoromethane
Concen: 45.84 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.005 min
Lab File: VN070245.D
Acq: 20 Dec 2021 17:10



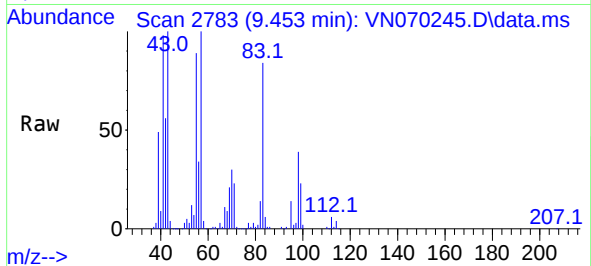
Tgt Ion:113 Resp: 694024
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 19.1 16.9 25.3





#39
Methylcyclohexane
Concen: 13.32 ug/l
RT: 9.453 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070245.D
Acq: 20 Dec 2021 17:10

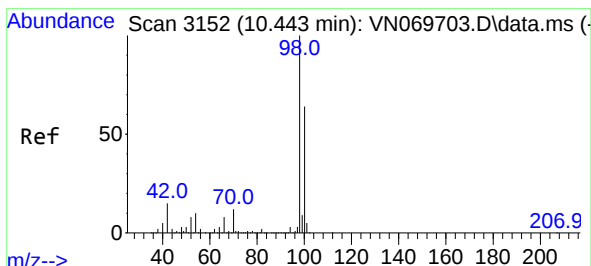
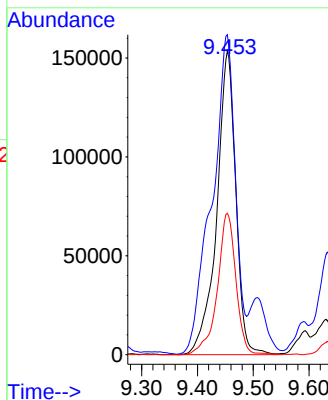
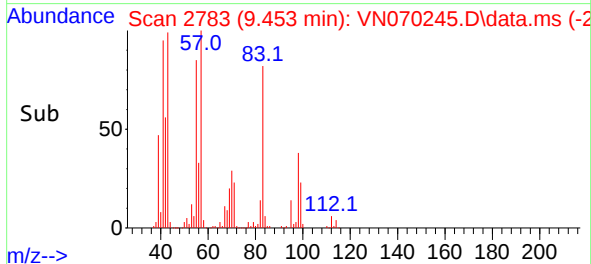
Instrument :
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DA-17-4.5



Tgt Ion: 83 Resp: 36466
Ion Ratio Lower Upper
83 100
55 105.2 58.1 87.1
98 46.6 38.4 57.6

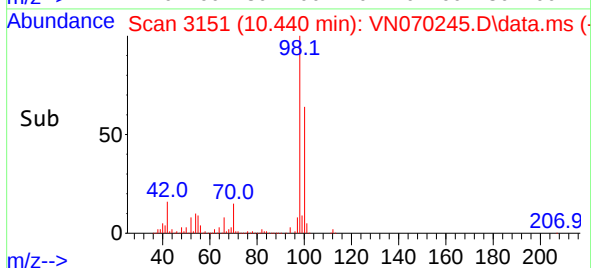
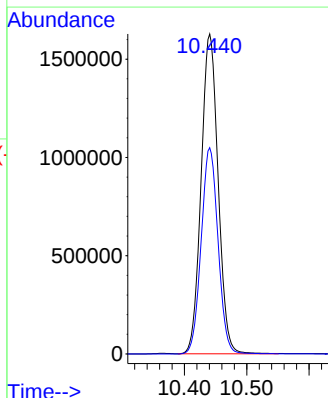
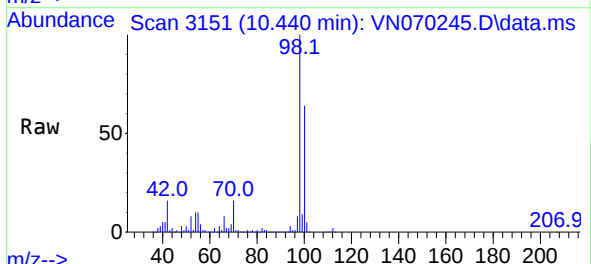
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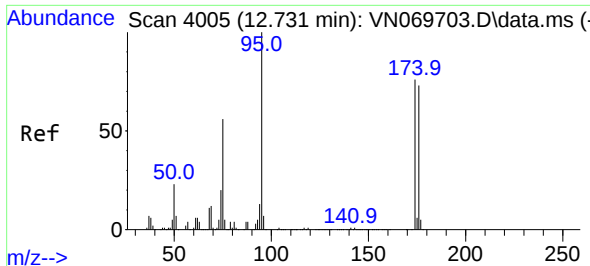
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#50
Toluene-d8
Concen: 50.69 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070245.D
Acq: 20 Dec 2021 17:10

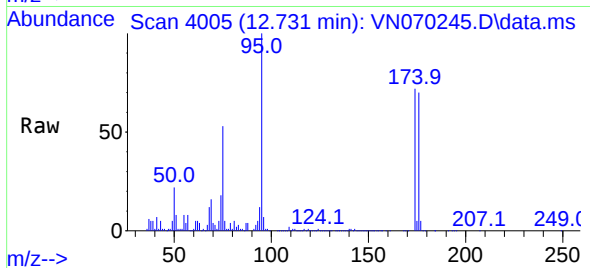
Tgt Ion: 98 Resp: 3081690
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6





#62
4-Bromofluorobenzene
Concen: 68.21 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070245.D
Acq: 20 Dec 2021 17:10

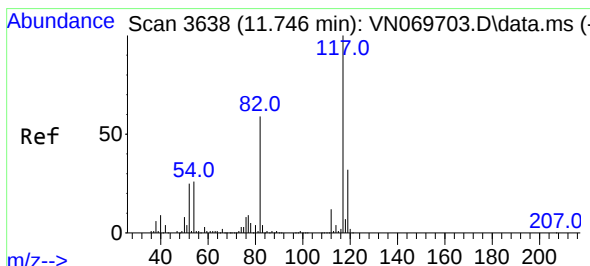
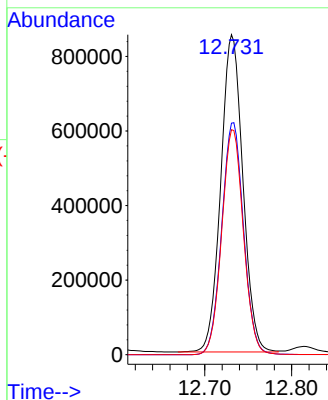
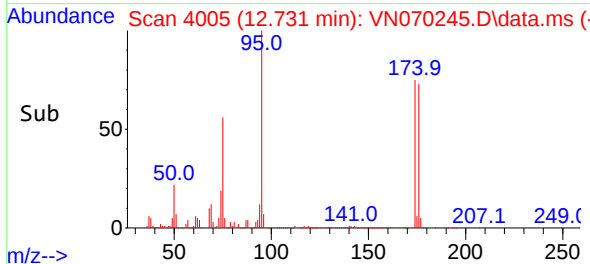
Instrument :
MSVOA_N
ClientSampleId :
DA-17-4.5



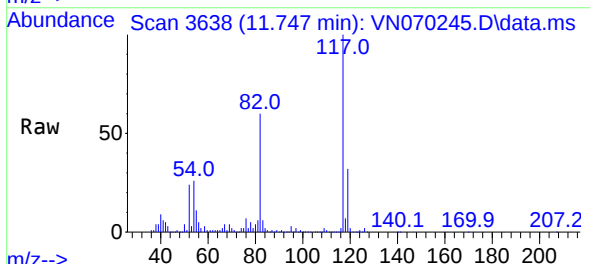
Tgt Ion: 95 Resp: 1502348
Ion Ratio Lower Upper
95 100
174 72.3 0.0 187.2
176 69.7 0.0 181.4

Manual Integrations
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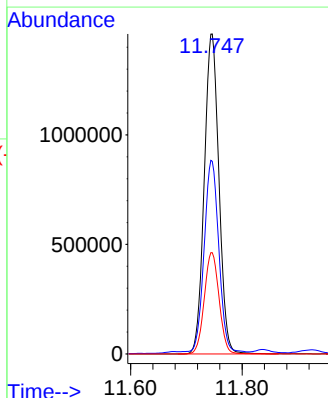
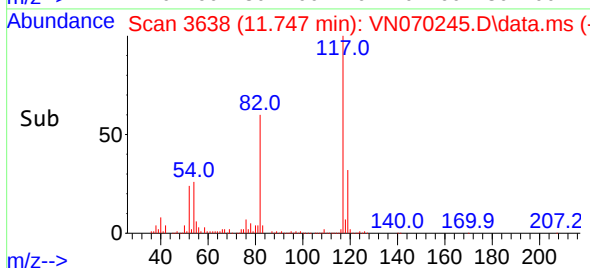
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

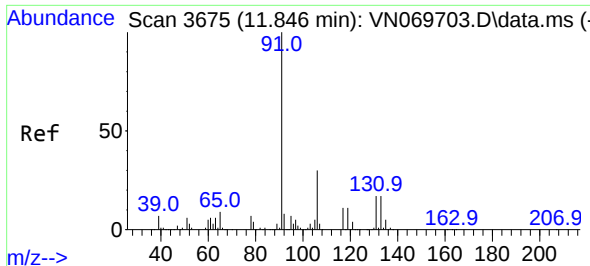


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070245.D
Acq: 20 Dec 2021 17:10



Tgt Ion:117 Resp: 2666295
Ion Ratio Lower Upper
117 100
82 59.7 42.4 63.6
119 31.6 25.4 38.2





#67

Ethyl Benzene

Concen: 26.28 ug/l

RT: 11.843 min Scan# 30

Delta R.T. -0.003 min

Lab File: VN070245.D

Acq: 20 Dec 2021 17:10

Instrument :

MSVOA_N

ClientSampleId :

DA-17-4.5

Tgt Ion: 91 Resp: 2582638

Ion Ratio Lower Upper

91 100

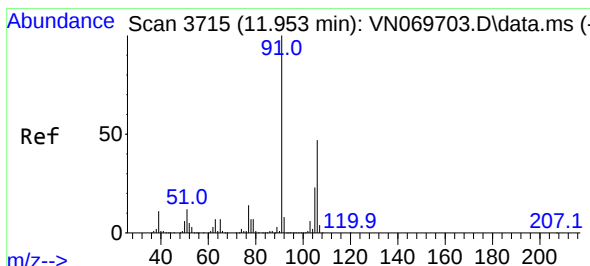
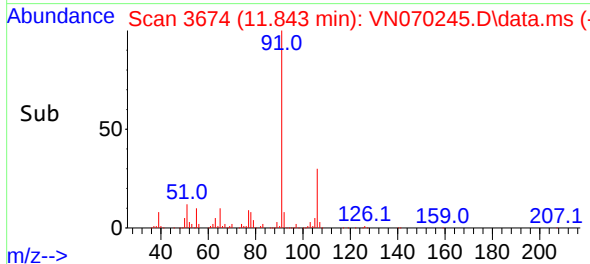
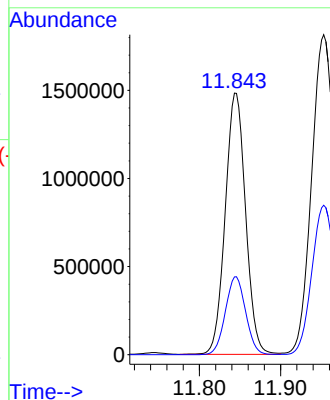
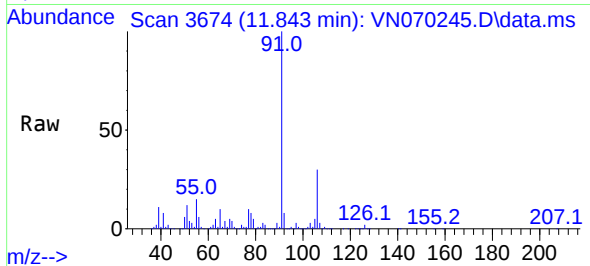
106 29.8 25.7 38.5

Manual Integrations

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Reviewed By :John Carlone 12/21/2021

Supervised By :Mahesh Dadoda 12/23/2021



#68

m/p-Xylenes

Concen: 47.10 ug/l

RT: 11.953 min Scan# 3715

Delta R.T. 0.000 min

Lab File: VN070245.D

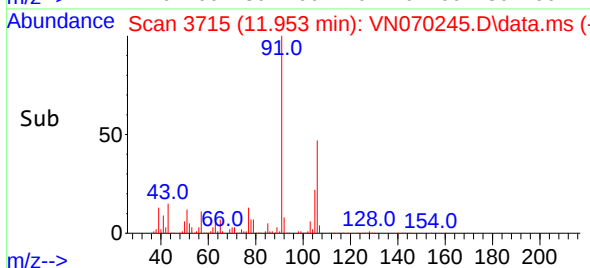
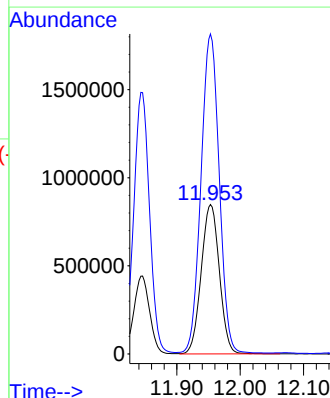
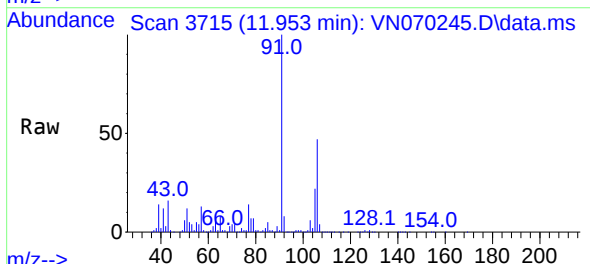
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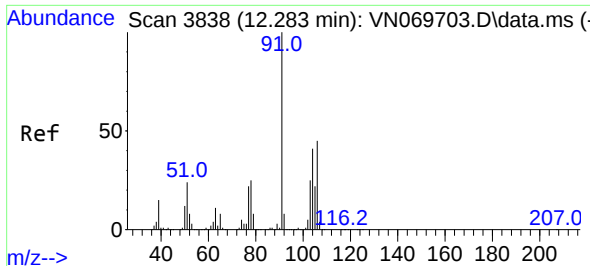
Tgt Ion:106 Resp: 1684991

Ion Ratio Lower Upper

106 100

91 213.8 160.6 240.8





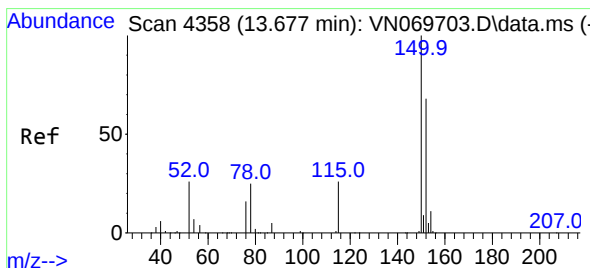
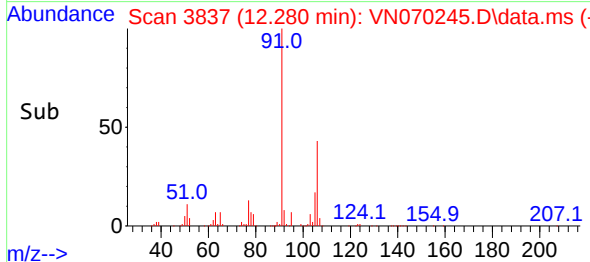
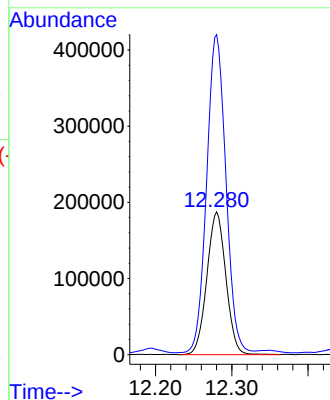
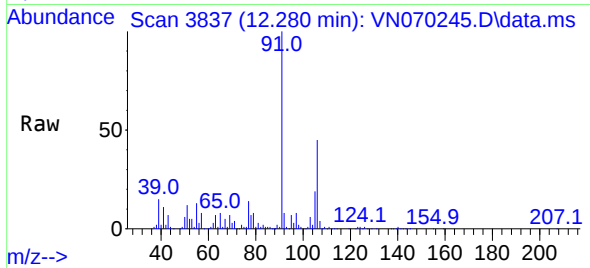
#69
o-Xylene
Concen: 9.01 ug/l
RT: 12.280 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070245.D
Acq: 20 Dec 2021 17:10

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:106 Resp: 32478
Ion Ratio Lower Upper
106 100
91 224.5 105.8 317.3

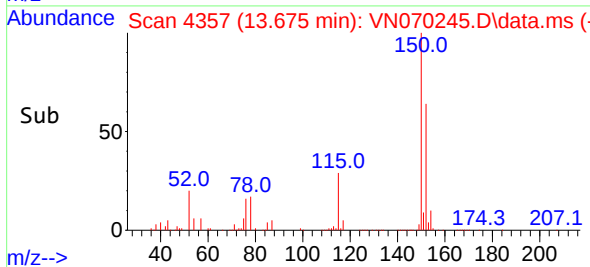
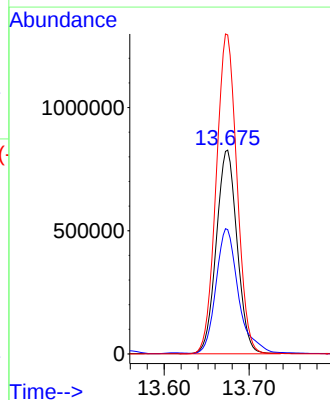
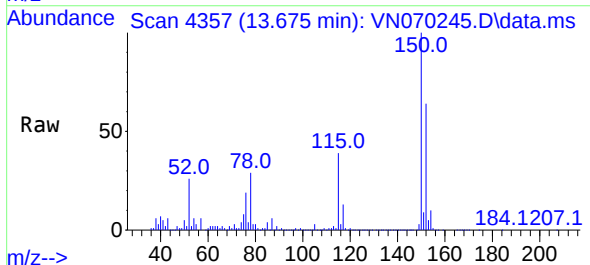
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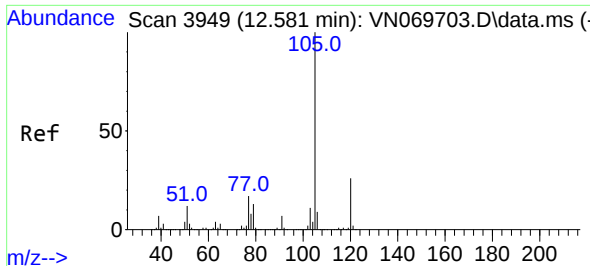
Reviewed By :John Carlone 12/21/2021
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070245.D
Acq: 20 Dec 2021 17:10

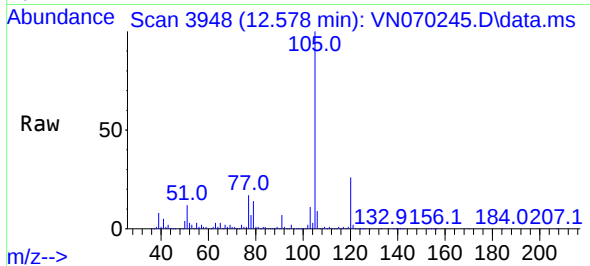
Tgt Ion:152 Resp: 1409517
Ion Ratio Lower Upper
152 100
115 67.0 27.5 82.5
150 156.4 0.0 344.4





#73
Isopropylbenzene
Concen: 18.33 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN070245.D
Acq: 20 Dec 2021 17:10

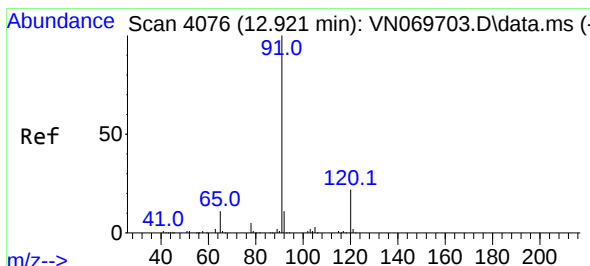
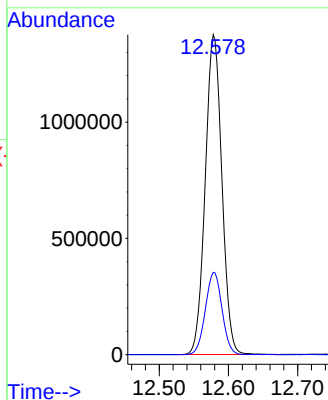
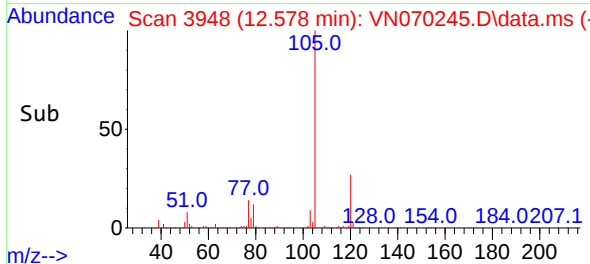
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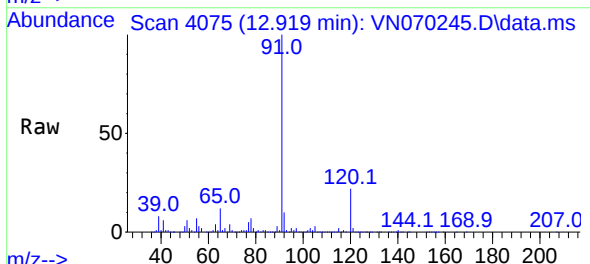
Tgt Ion:105 Resp: 2298332
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

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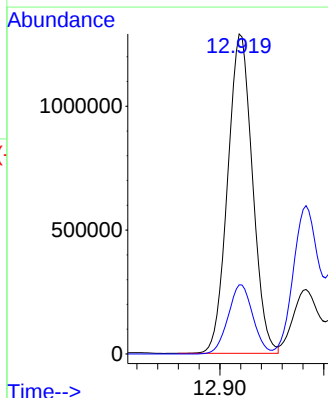
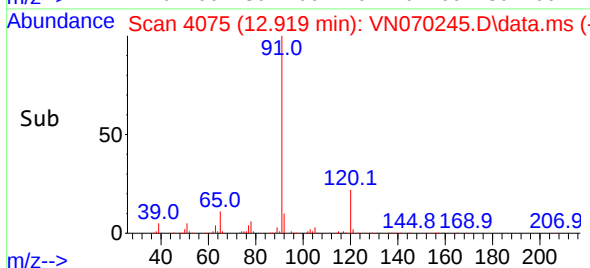
Reviewed By :John Carlone 12/21/2021
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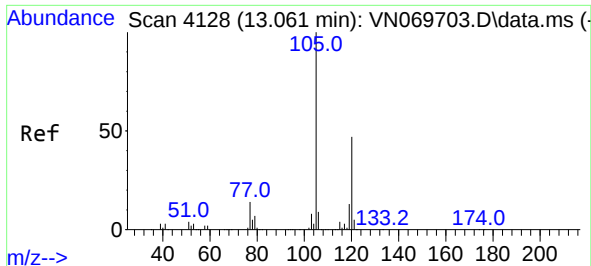


#78
n-propylbenzene
Concen: 15.31 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN070245.D
Acq: 20 Dec 2021 17:10



Tgt Ion: 91 Resp: 2136763
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.9





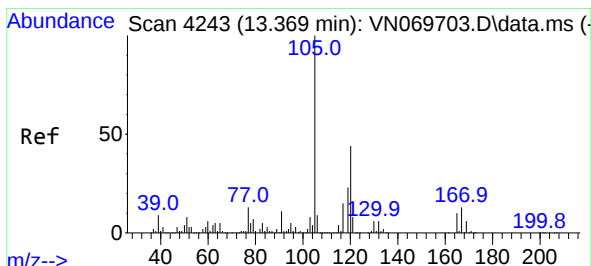
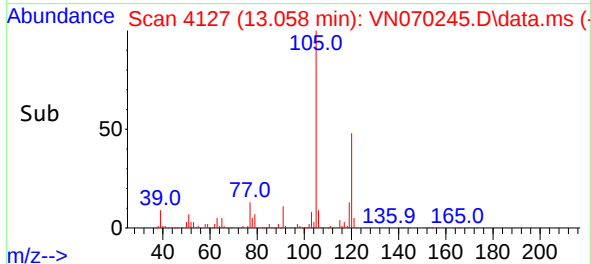
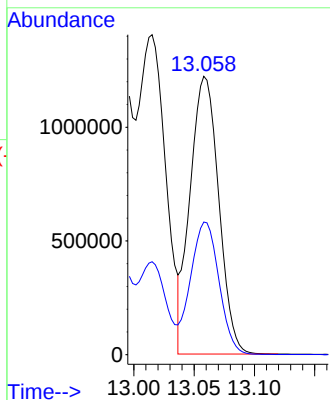
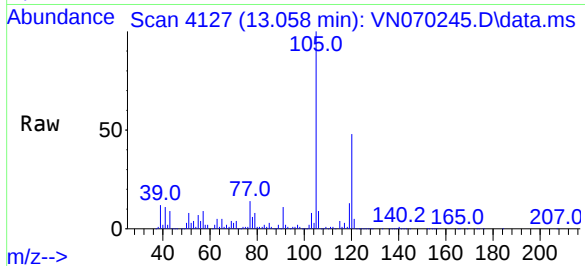
#80
1,3,5-Trimethylbenzene
Concen: 20.01 ug/l
RT: 13.058 min Scan# 4128
Delta R.T. -0.003 min
Lab File: VN070245.D
Acq: 20 Dec 2021 17:10

Instrument :
MSVOA_N
ClientSampleId :
DA-17-4.5

Tgt Ion:105 Resp: 2019870
Ion Ratio Lower Upper
105 100
120 47.2 24.6 73.6

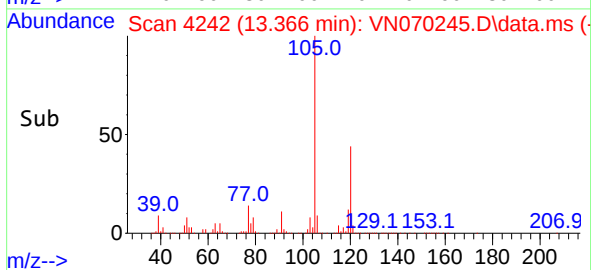
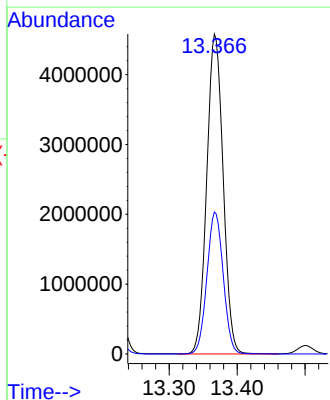
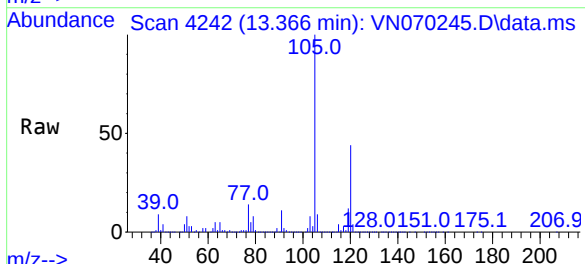
Manual Integrations
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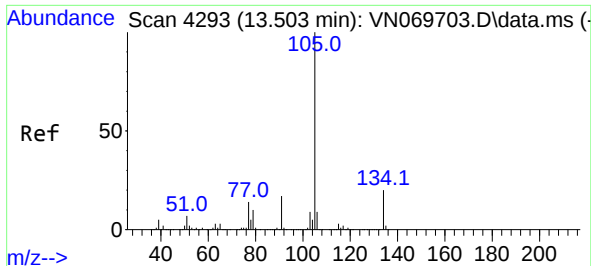
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#84
1,2,4-Trimethylbenzene
Concen: 79.63 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN070245.D
Acq: 20 Dec 2021 17:10

Tgt Ion:105 Resp: 7654405
Ion Ratio Lower Upper
105 100
120 44.2 22.8 68.4





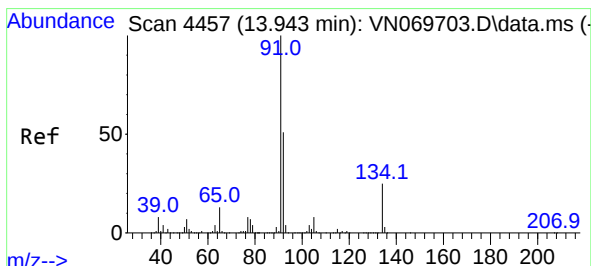
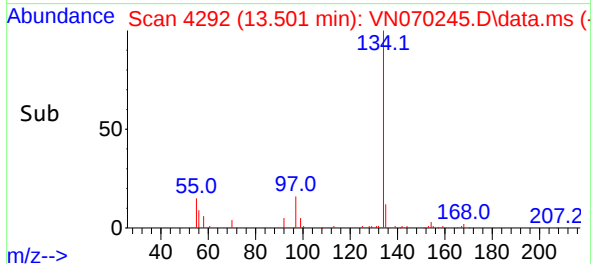
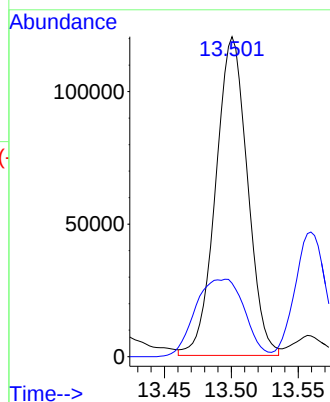
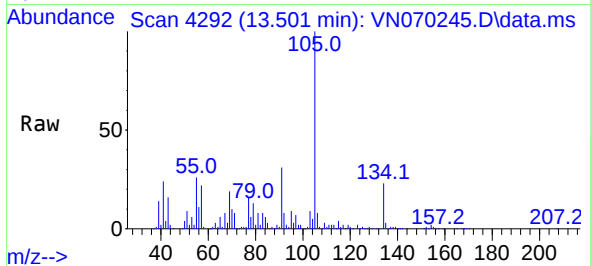
#85
 sec-Butylbenzene
 Concen: 1.64 ug/l m
 RT: 13.501 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070245.D
 Acq: 20 Dec 2021 17:10

Instrument :
 MSVOA_N
 ClientSampleId :
 DA-17-4.5

Tgt Ion:105 Resp: 19855
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1

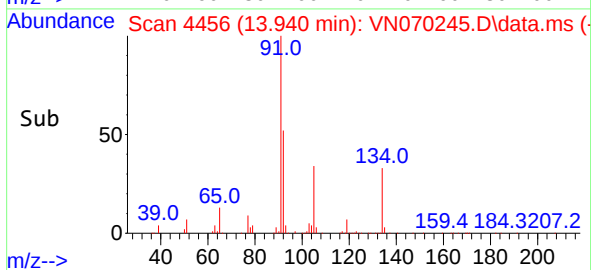
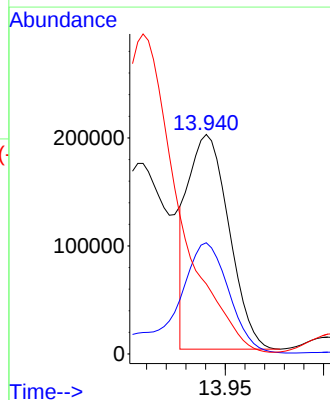
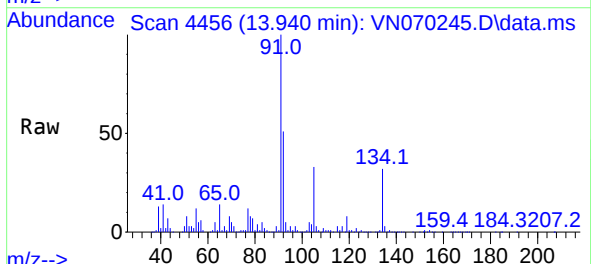
Manual Integrations
 APPROVED

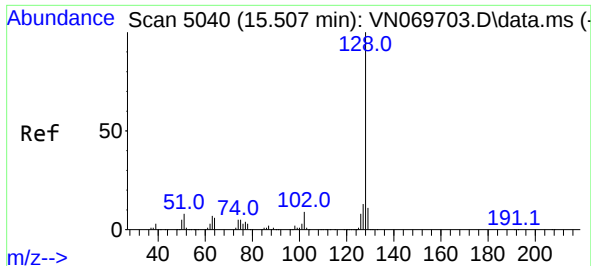
Reviewed By :John Carlone 12/21/2021
 Supervised By :Mahesh Dadoda 12/23/2021



#89
 n-Butylbenzene
 Concen: 3.72 ug/l
 RT: 13.940 min Scan# 4456
 Delta R.T. -0.003 min
 Lab File: VN070245.D
 Acq: 20 Dec 2021 17:10

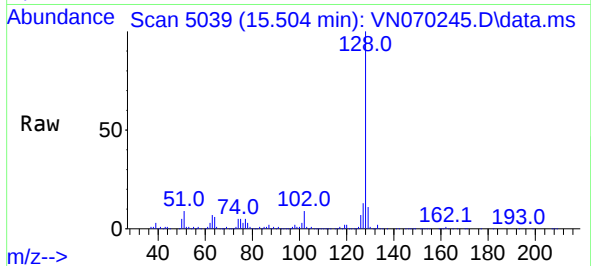
Tgt Ion: 91 Resp: 285800
 Ion Ratio Lower Upper
 91 100
 92 59.6 25.4 76.0
 134 0.0 13.6 40.8





#95
Naphthalene
Concen: 12.50 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN070245.D
Acq: 20 Dec 2021 17:10

Instrument :
MSVOA_N
ClientSampleId :
DA-17-4.5



Tgt Ion:128 Resp: 637489
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

