

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
 Data File : VN070251.D
 Acq On : 20 Dec 2021 19:43
 Operator : JC/MD
 Sample : M5044-04
 Misc : 5.64g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DA-4-4.5

Manual Integrations
 APPROVED

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

Quant Time: Dec 21 04:07:51 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	1257064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2344660	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2578894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1456839	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	993437	51.18	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.36%			
35) Dibromofluoromethane	8.019	113	674293	45.91	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 91.82%			
50) Toluene-d8	10.440	98	3023568	51.27	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.54%			
62) 4-Bromofluorobenzene	12.731	95	1453168	68.02	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 136.04%#			
Target Compounds						
67) Ethyl Benzene	11.846	91	203666	2.14	ug/l	99
73) Isopropylbenzene	12.578	105	149210	1.15	ug/l	90
78) n-propylbenzene	12.919	91	685391	4.75	ug/l	96
84) 1,2,4-Trimethylbenzene	13.367	105	119815	1.21	ug/l	98
85) sec-Butylbenzene	13.501	105	504327	4.02	ug/l #	45
89) n-Butylbenzene	13.940	91	761814	9.59	ug/l #	76

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

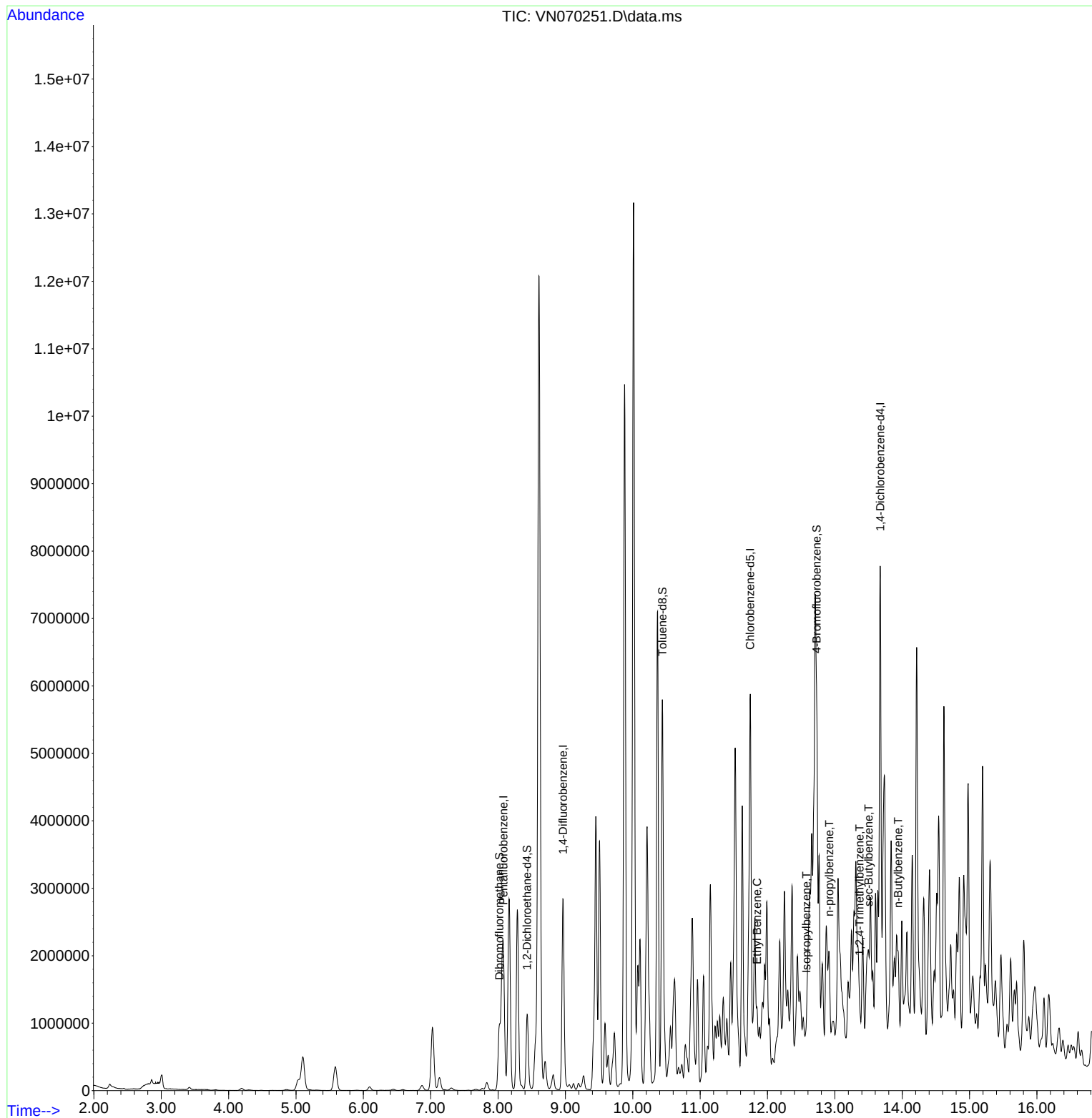
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
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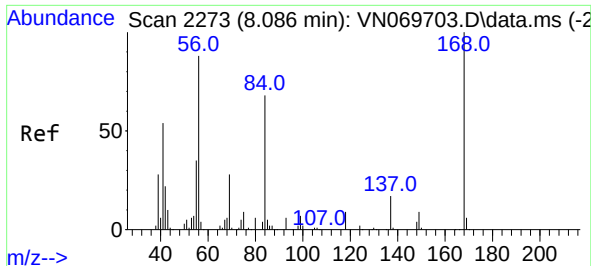
Instrument :
MSVOA_N
ClientSampleId :
DA-4-4.5

Quant Time: Dec 21 04:07:51 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

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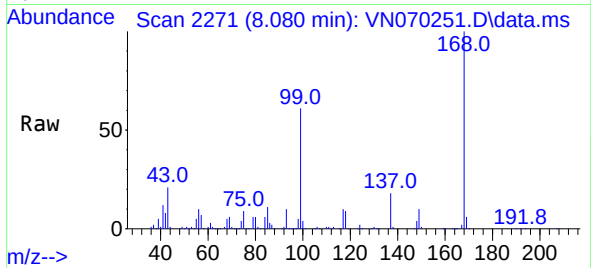
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

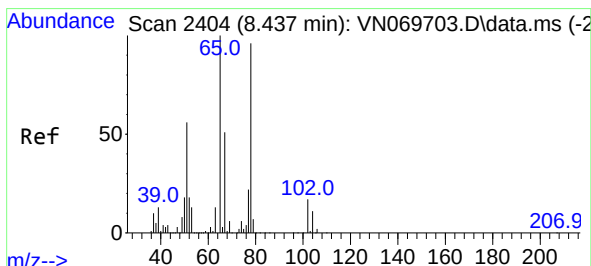
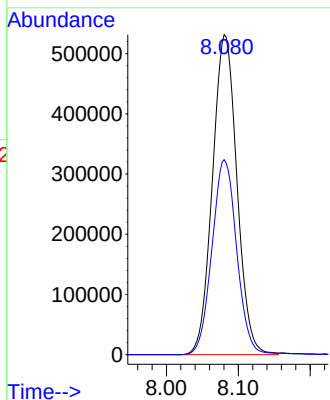
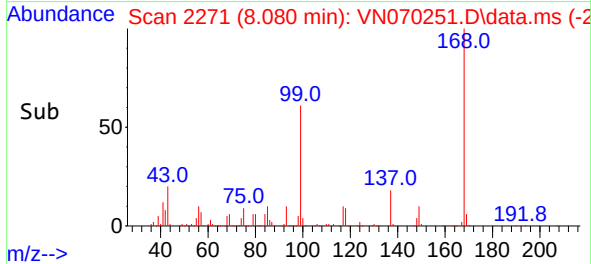
Instrument :
MSVOA_N
ClientSampleId :
DA-4-4.5



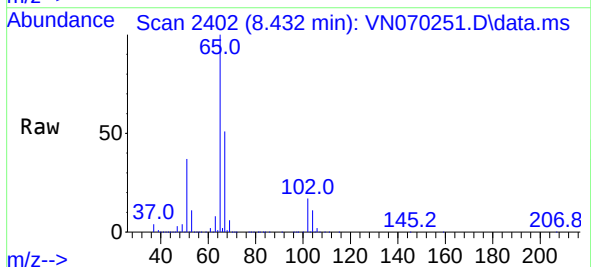
Tgt Ion: 168 Resp: 1257064
Ion Ratio Lower Upper
168 100
99 61.0 41.3 61.9

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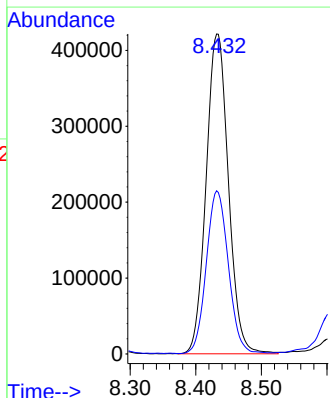
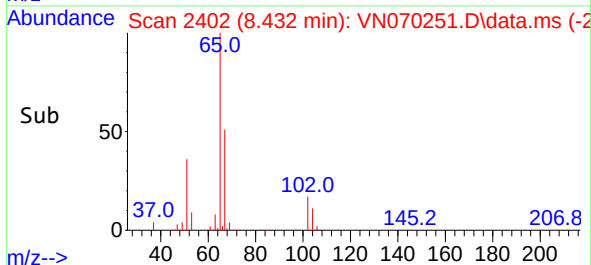
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

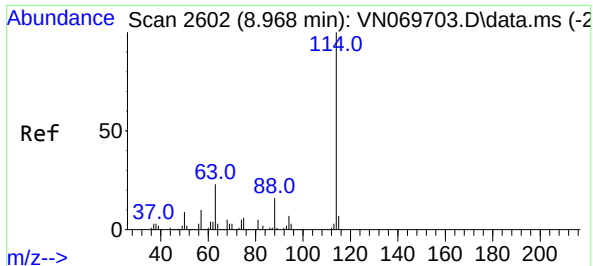


#33
1,2-Dichloroethane-d4
Concen: 51.18 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.005 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43



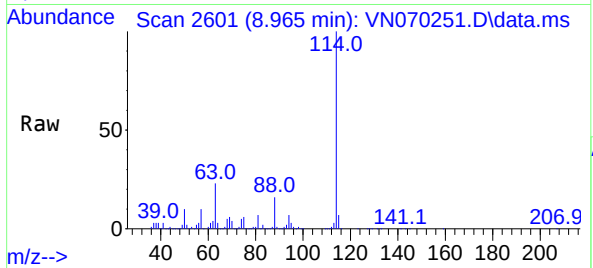
Tgt Ion: 65 Resp: 993437
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.965 min Scan# 2061
Delta R.T. -0.003 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

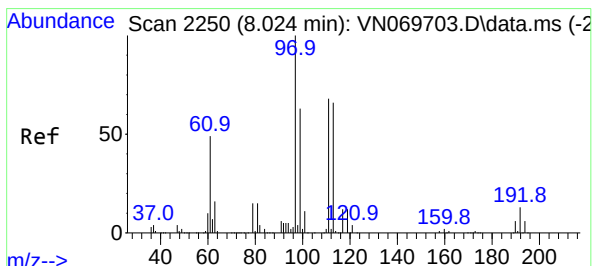
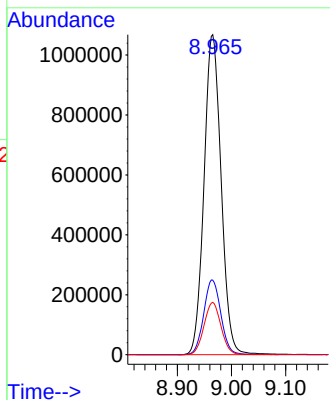
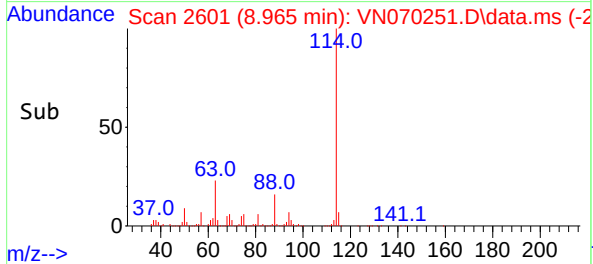
Instrument :
MSVOA_N
ClientSampleId :
DA-4-4.5



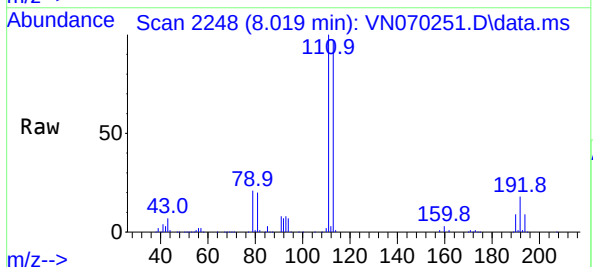
Tgt Ion:114 Resp: 2344660
Ion Ratio Lower Upper
114 100
63 23.3 0.0 37.8
88 16.3 0.0 27.4

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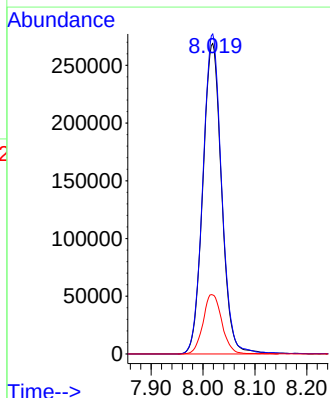
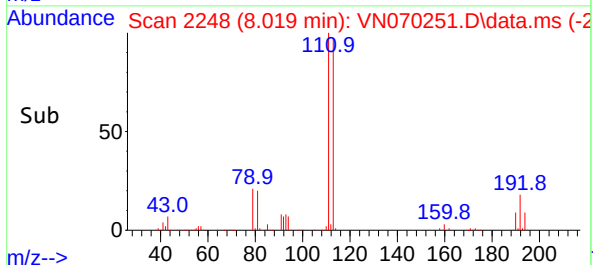
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

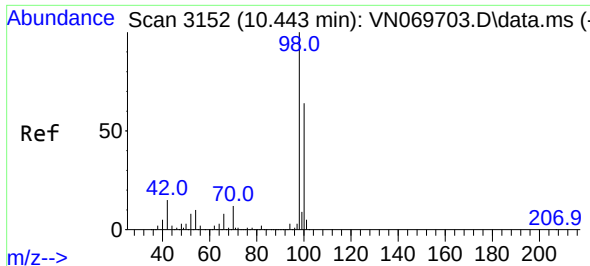


#35
Dibromofluoromethane
Concen: 45.91 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.005 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43



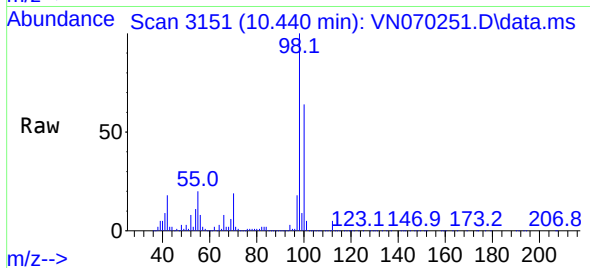
Tgt Ion:113 Resp: 674293
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.2 16.9 25.3





#50
Toluene-d8
Concen: 51.27 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.002 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

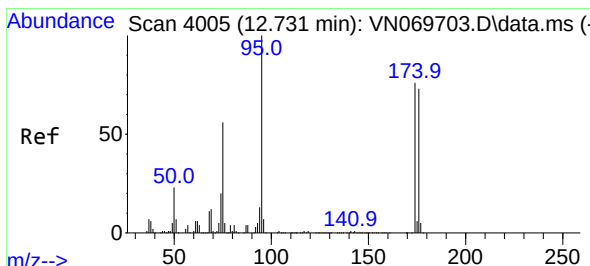
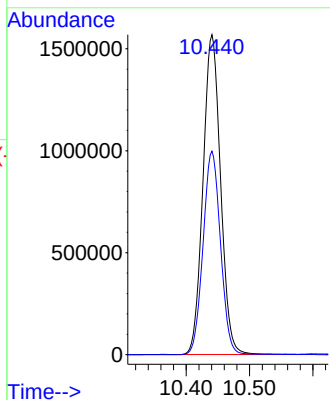
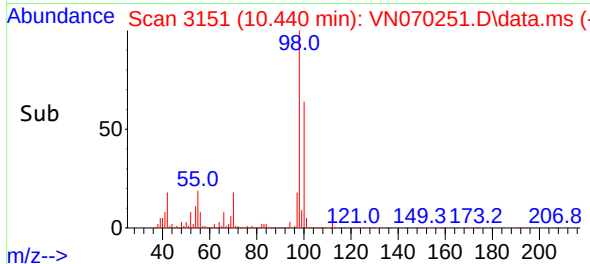
Instrument :
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DA-4-4.5



Tgt Ion: 98 Resp: 302356
Ion Ratio Lower Upper
98 100
100 63.1 50.4 75.6

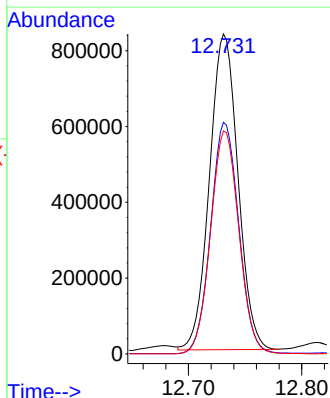
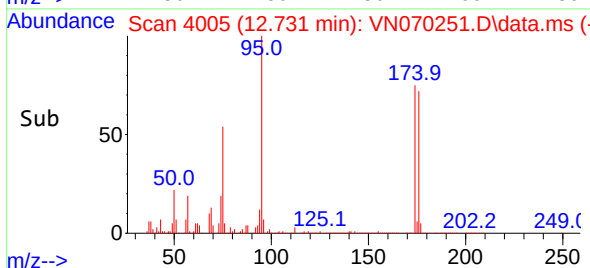
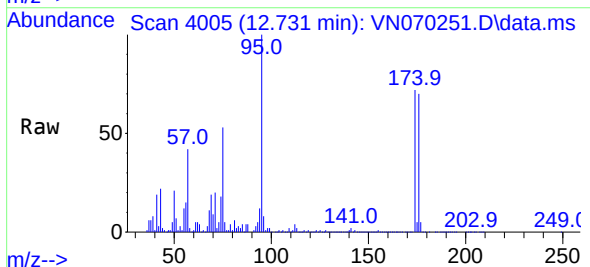
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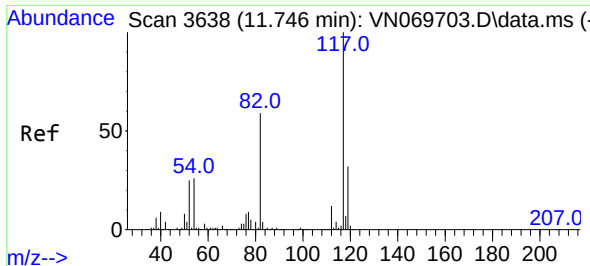
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#62
4-Bromofluorobenzene
Concen: 68.02 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

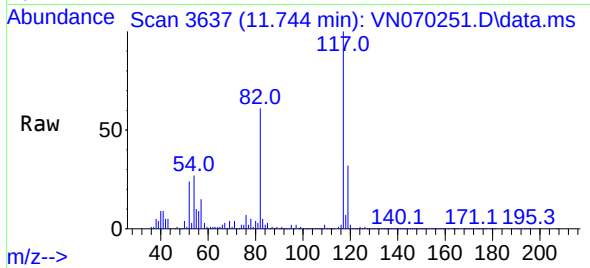
Tgt Ion: 95 Resp: 1453168
Ion Ratio Lower Upper
95 100
174 72.5 0.0 187.2
176 70.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

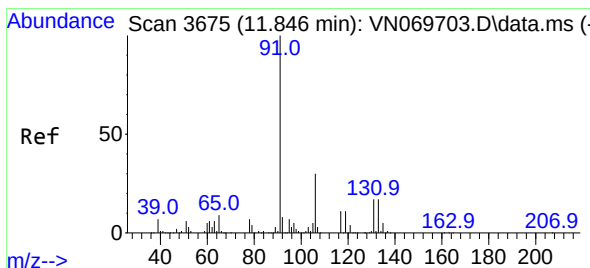
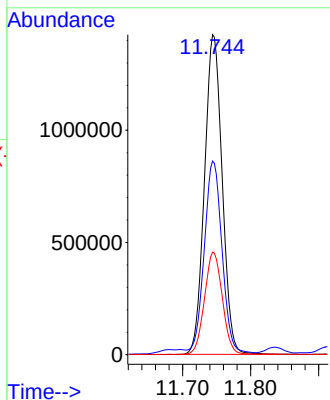
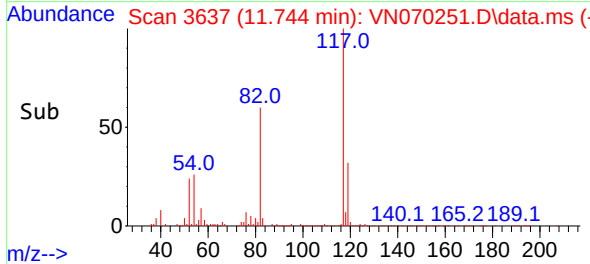
Instrument :
MSVOA_N
ClientSampleId :
DA-4-4.5



Tgt Ion: 117 Resp: 2578894
Ion Ratio Lower Upper
117 100
82 59.0 42.4 63.6
119 32.0 25.4 38.2

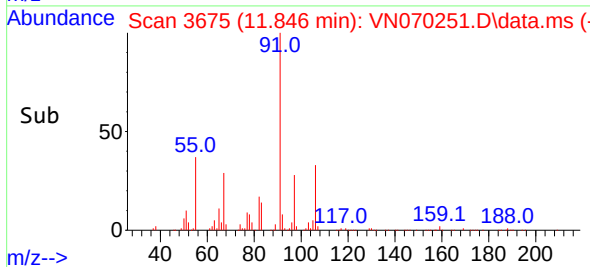
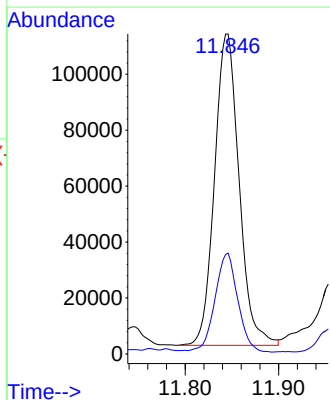
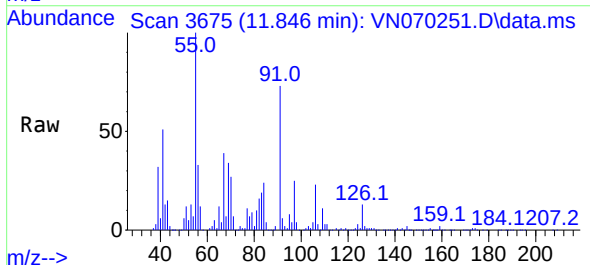
Manual Integrations
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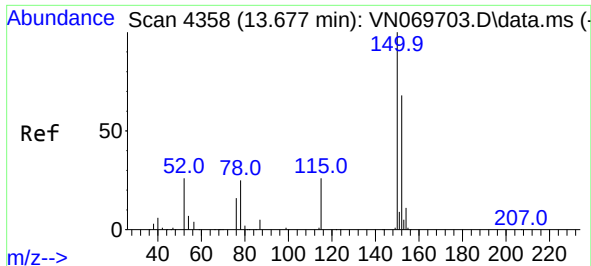
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#67
Ethyl Benzene
Concen: 2.14 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

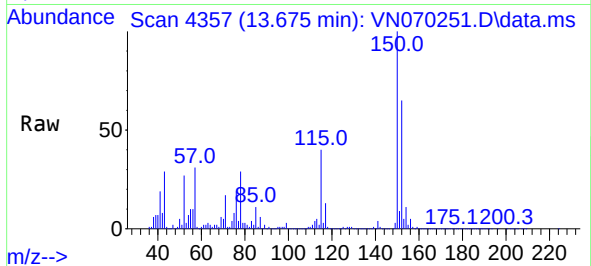
Tgt Ion: 91 Resp: 203666
Ion Ratio Lower Upper
91 100
106 31.7 25.7 38.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

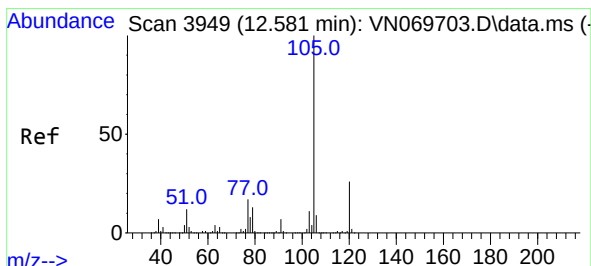
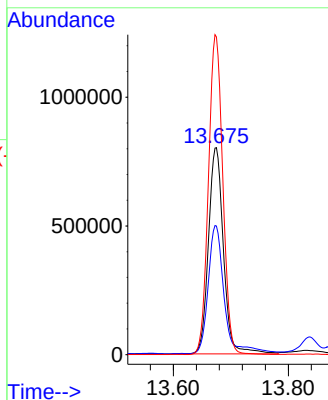
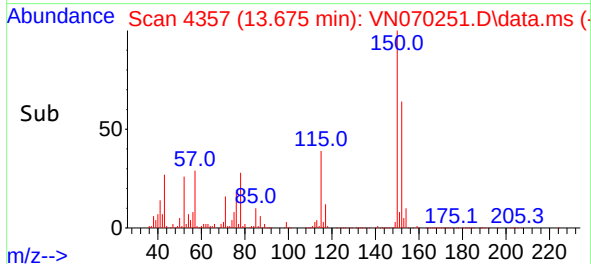
Instrument :
MSVOA_N
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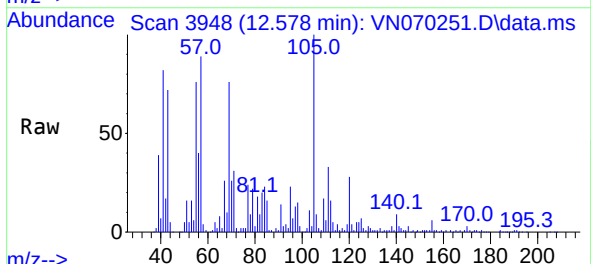
Tgt Ion:152 Resp: 1456839
Ion Ratio Lower Upper
152 100
115 66.5 27.5 82.5
150 147.8 0.0 344.4

Manual Integrations
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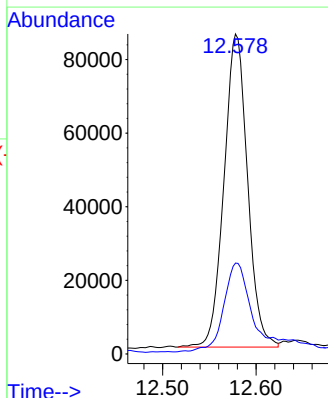
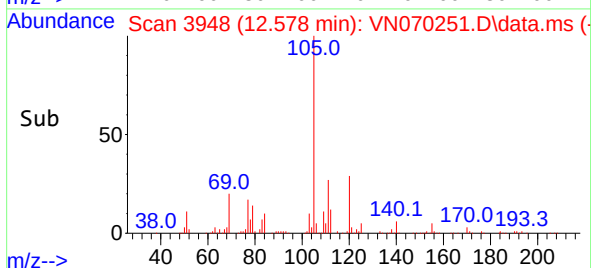
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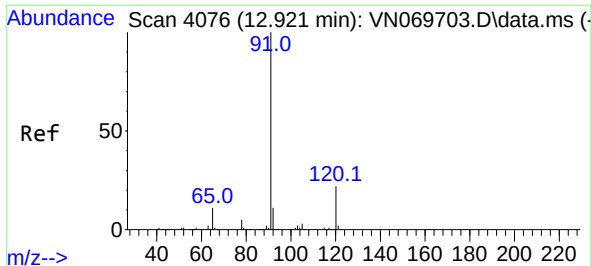


#73
Isopropylbenzene
Concen: 1.15 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43



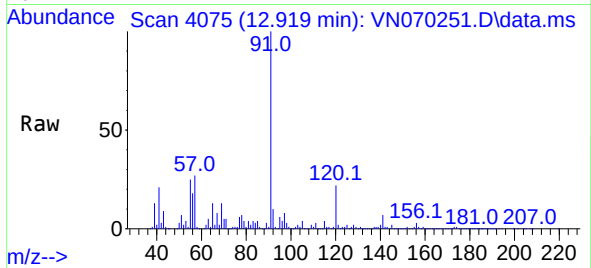
Tgt Ion:105 Resp: 149210
Ion Ratio Lower Upper
105 100
120 31.8 13.4 40.1





#78
n-propylbenzene
Concen: 4.75 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.002 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

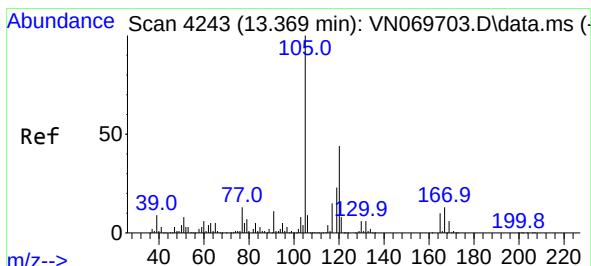
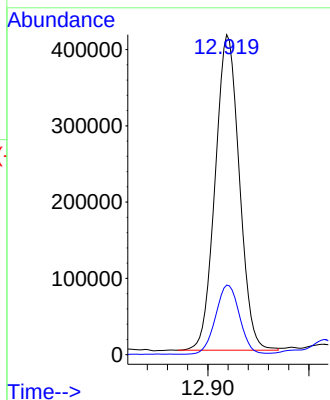
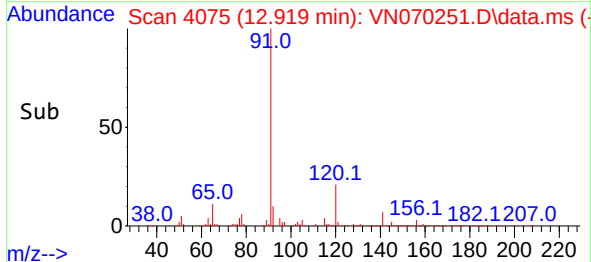
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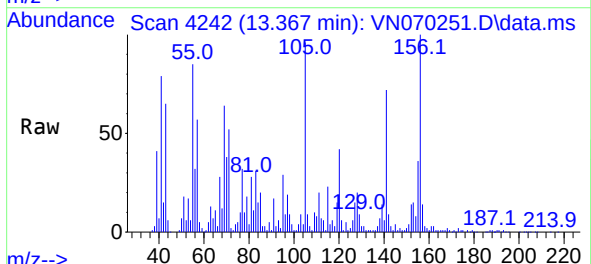
Tgt Ion: 91 Resp: 68539
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9

Manual Integrations
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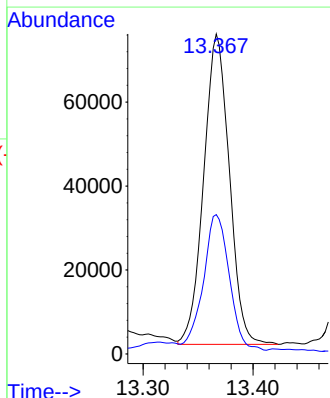
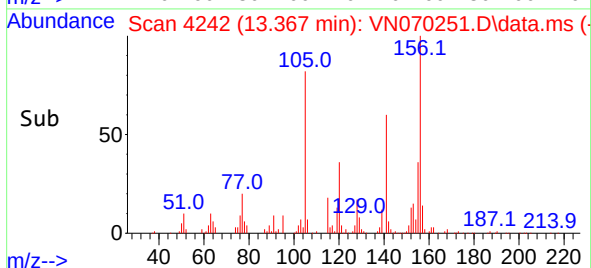
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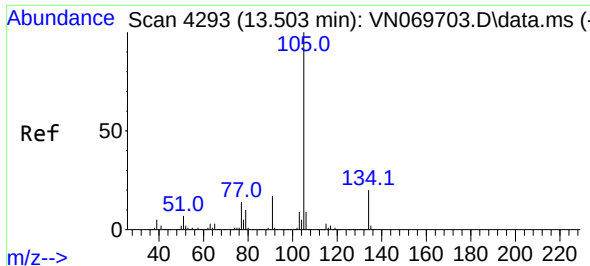


#84
1,2,4-Trimethylbenzene
Concen: 1.21 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.002 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43



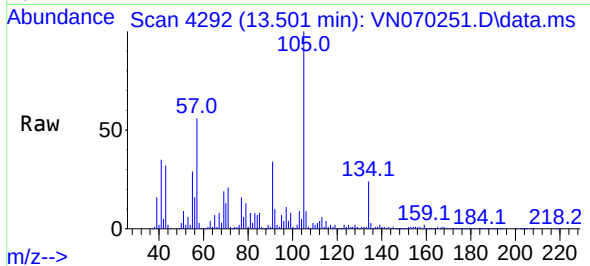
Tgt Ion:105 Resp: 119815
Ion Ratio Lower Upper
105 100
120 44.3 22.8 68.4





#85
sec-Butylbenzene
Concen: 4.02 ug/l
RT: 13.501 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

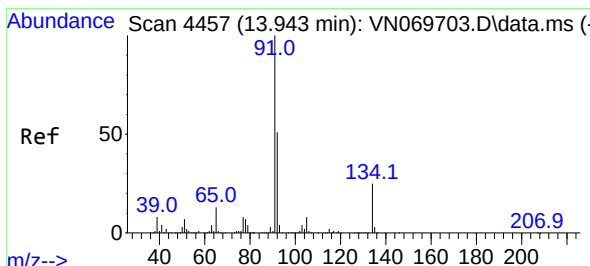
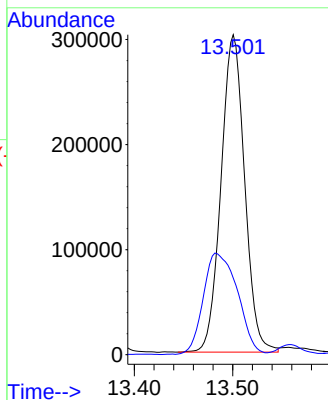
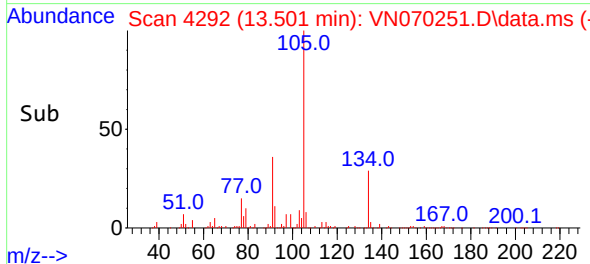
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DA-4-4.5



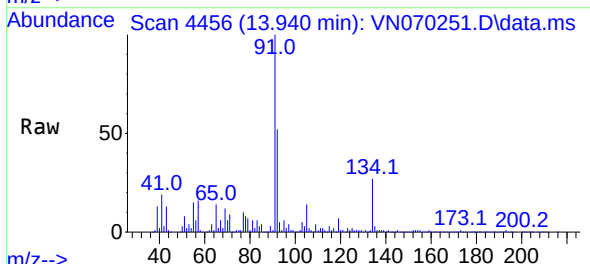
Tgt Ion:105 Resp: 50432
Ion Ratio Lower Upper
105 100
134 46.4 10.4 31.1

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#89
n-Butylbenzene
Concen: 9.59 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.002 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43



Tgt Ion: 91 Resp: 761814
Ion Ratio Lower Upper
91 100
92 44.8 25.4 76.0
134 0.0 13.6 40.8

