

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010622\
 Data File : VN070529.D
 Acq On : 6 Jan 2022 19:24
 Operator : JC/MD
 Sample : N1037-03 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-1542

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/10/2022
 Supervised By : Mahesh Dadoda 01/11/2022

Quant Time: Jan 08 01:42:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	906530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1564031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1362990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	489709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	697065	53.480	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.960%			
35) Dibromofluoromethane	8.021	113	488177	51.587	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.180%			
50) Toluene-d8	10.440	98	1981784	51.265	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.520%			
62) 4-Bromofluorobenzene	12.731	95	717059	51.356	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.720%			
Target Compounds					Qvalue	
16) Acetone	4.293	43	12609	1.490	ug/l	96
18) Methyl Acetate	4.857	43	29020m	1.186	ug/l	
52) Toluene	10.502	92	103150	3.551	ug/l	97
67) Ethyl Benzene	11.843	91	82088	1.549	ug/l	94
68) m/p-Xylenes	11.950	106	112973	5.857	ug/l	95
69) o-Xylene	12.280	106	65600	3.419	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	46104	1.265	ug/l	98
84) 1,2,4-Trimethylbenzene	13.366	105	173268	4.938	ug/l	99
95) Naphthalene	15.504	128	11835	2.308	ug/l #	95

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

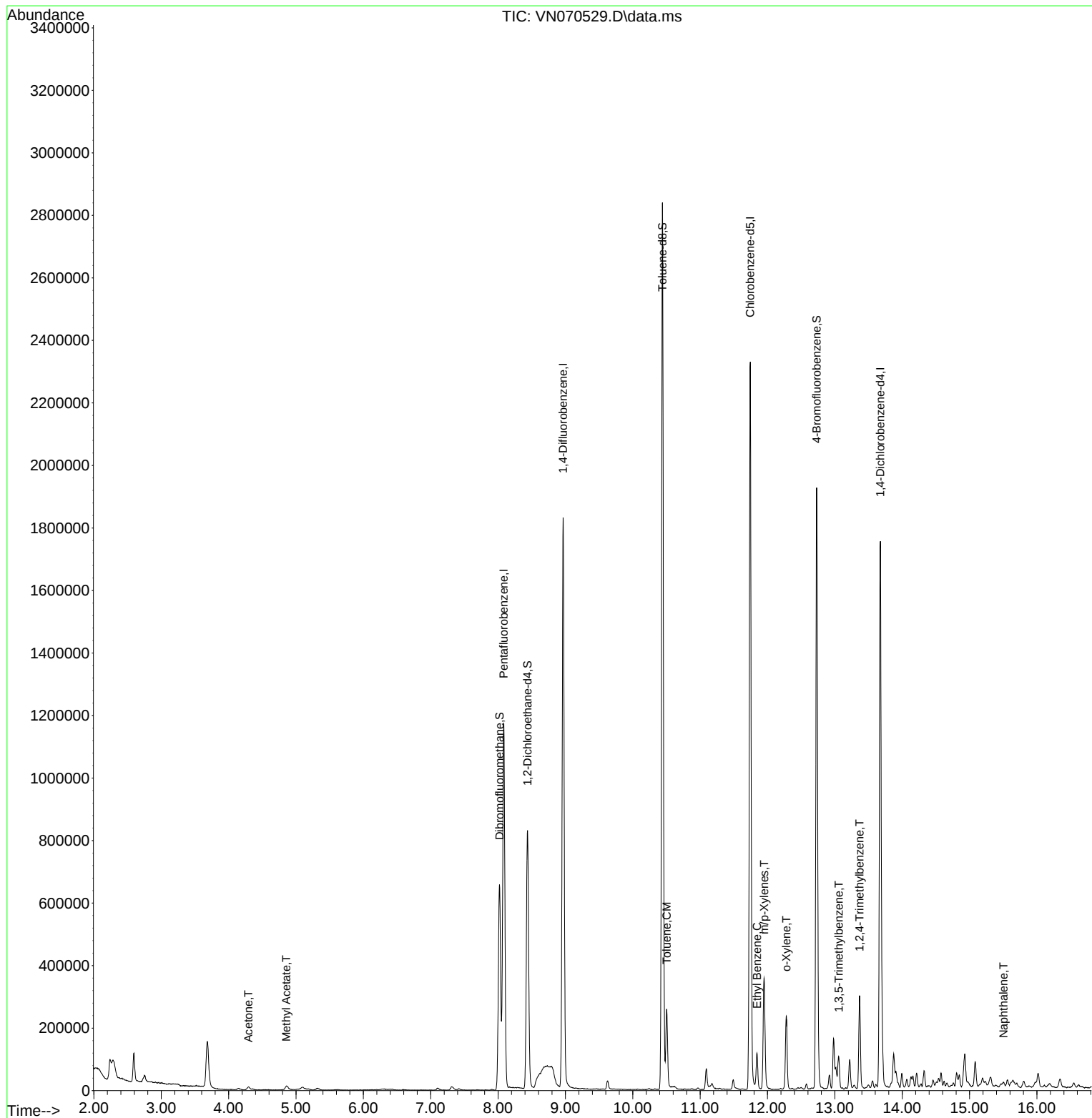
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010622\
Data File : VN070529.D
Acq On : 6 Jan 2022 19:24
Operator : JC/MD
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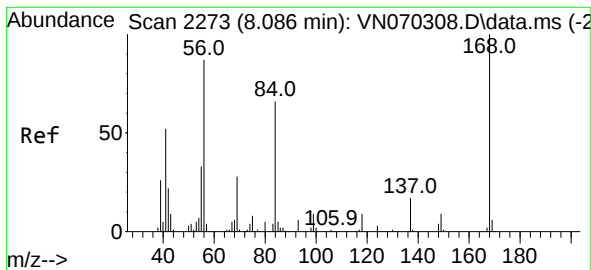
Instrument :
MSVOA_N
ClientSampleId :
NWB-1542

Quant Time: Jan 08 01:42:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.083 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070529.D

Acq: 6 Jan 2022 19:24

Instrument :

MSVOA_N

ClientSampleId :

NWB-1542

Tgt Ion:168 Resp: 906530

Ion Ratio Lower Upper

168 100

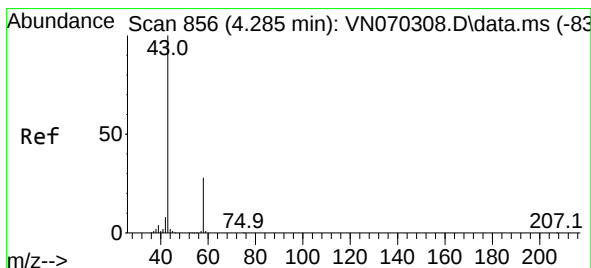
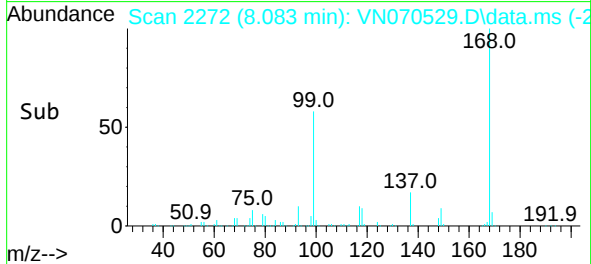
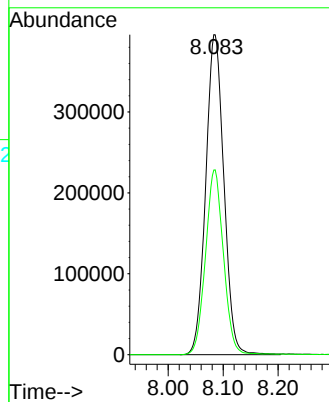
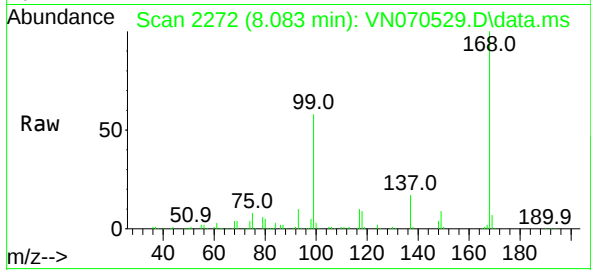
99 57.7 41.3 61.9

Manual Integrations

APPROVED

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#16

Acetone

Concen: 1.490 ug/l

RT: 4.293 min Scan# 859

Delta R.T. 0.008 min

Lab File: VN070529.D

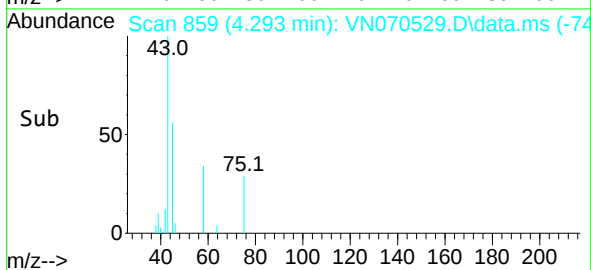
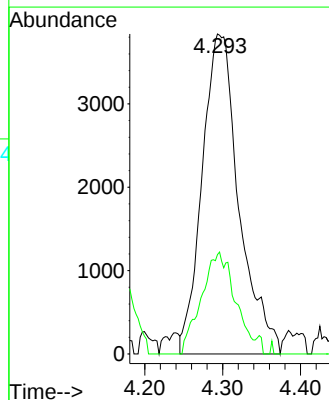
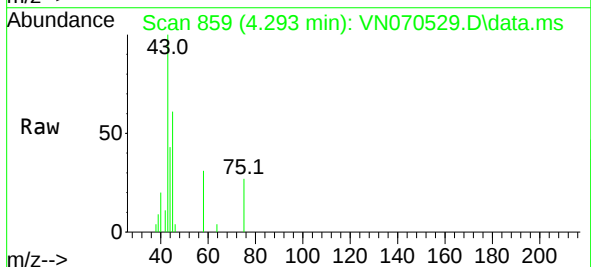
Acq: 6 Jan 2022 19:24

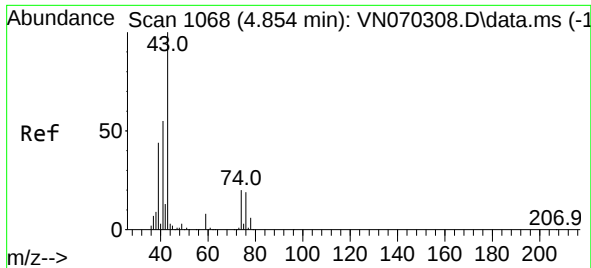
Tgt Ion: 43 Resp: 12609

Ion Ratio Lower Upper

43 100

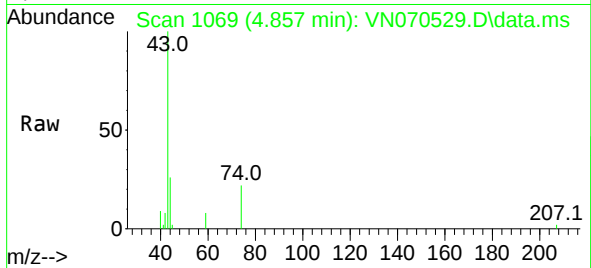
58 31.0 23.1 34.7





#18
Methyl Acetate
Concen: 1.186 ug/l m
RT: 4.857 min Scan# 1068
Delta R.T. 0.003 min
Lab File: VN070529.D
Acq: 6 Jan 2022 19:24

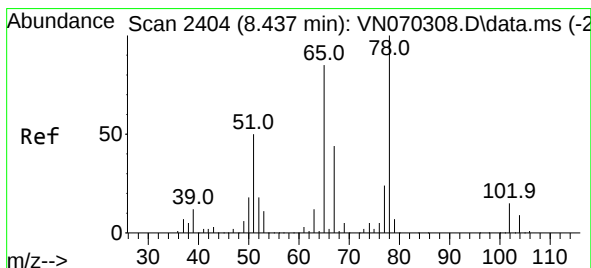
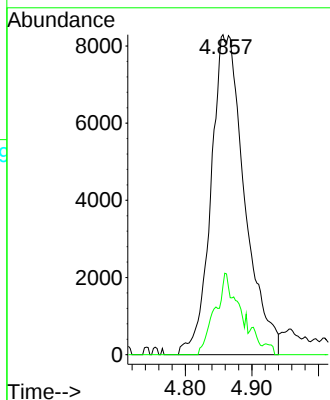
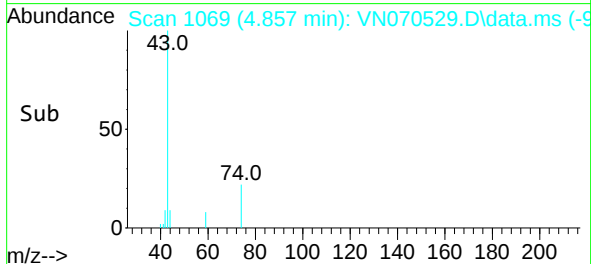
Instrument :
MSVOA_N
ClientSampleId :
NWB-1542



Tgt Ion: 43 Resp: 29020
Ion Ratio Lower Upper
43 100
74 17.8 19.4 29.2

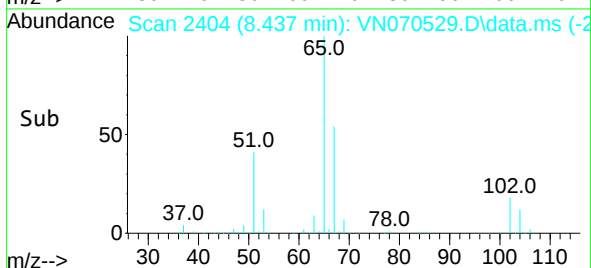
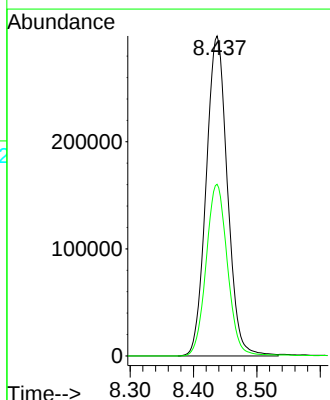
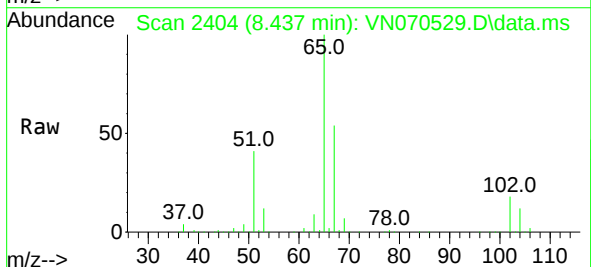
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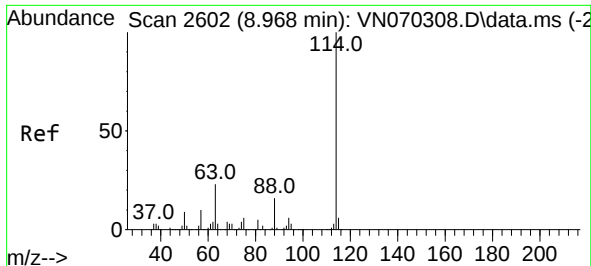
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#33
1,2-Dichloroethane-d4
Concen: 53.480 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070529.D
Acq: 6 Jan 2022 19:24

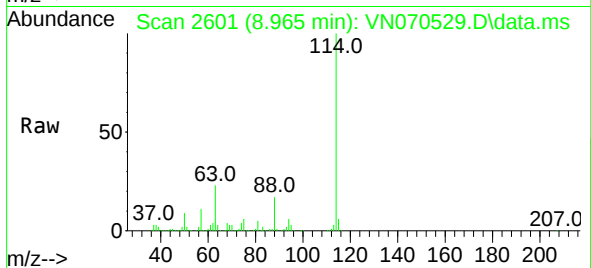
Tgt Ion: 65 Resp: 697065
Ion Ratio Lower Upper
65 100
67 53.7 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN070529.D
Acq: 6 Jan 2022 19:24

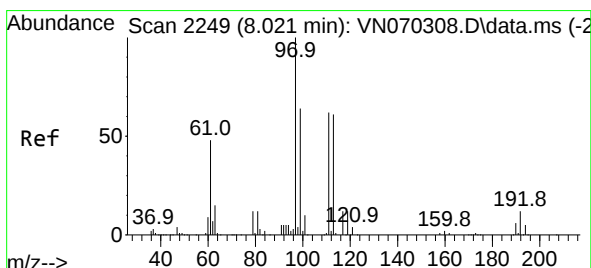
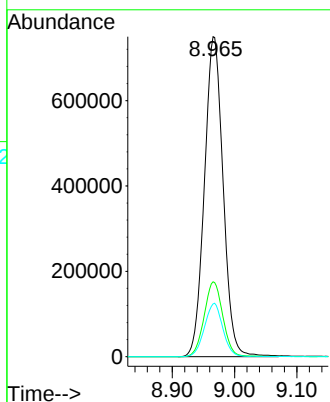
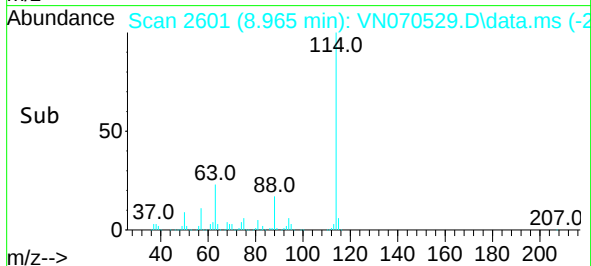
Instrument :
MSVOA_N
ClientSampleId :
NWB-1542



Tgt Ion:114 Resp: 156403
Ion Ratio Lower Upper
114 100
63 23.4 0.0 37.8
88 16.5 0.0 27.4

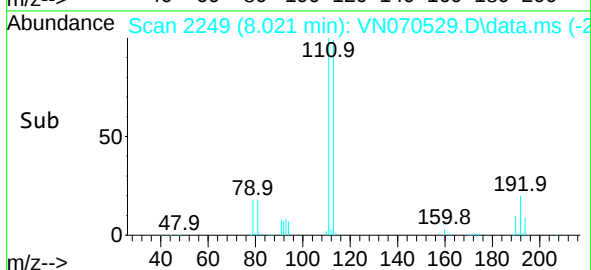
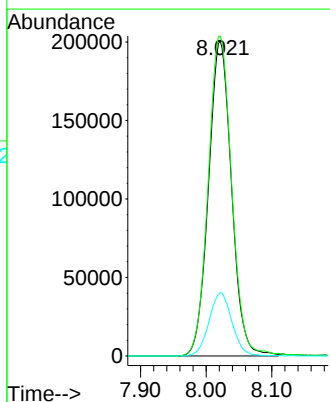
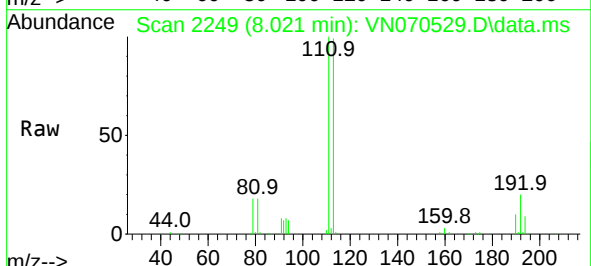
Manual Integrations
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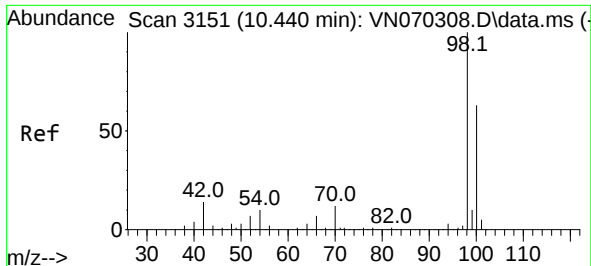
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#35
Dibromofluoromethane
Concen: 51.587 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070529.D
Acq: 6 Jan 2022 19:24

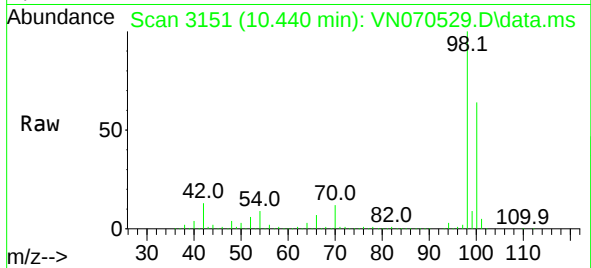
Tgt Ion:113 Resp: 488177
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.2
192 20.1 16.9 25.3





#50
Toluene-d8
Concen: 51.265 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070529.D
Acq: 6 Jan 2022 19:24

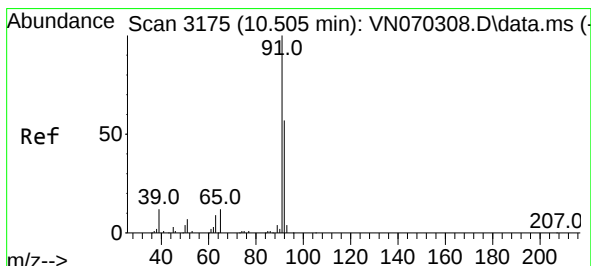
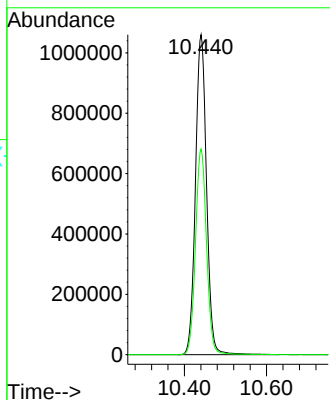
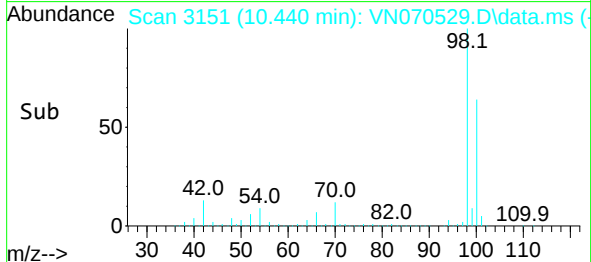
Instrument :
MSVOA_N
ClientSampleId :
NWB-1542



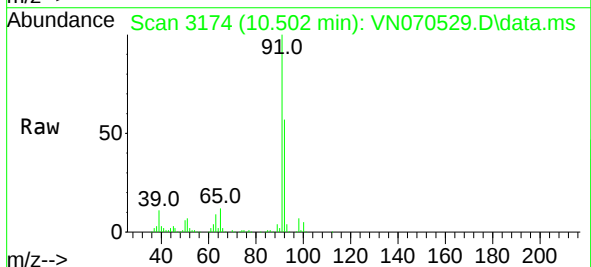
Tgt Ion: 98 Resp: 1981784
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6

Manual Integrations
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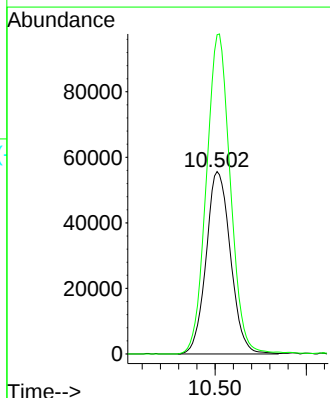
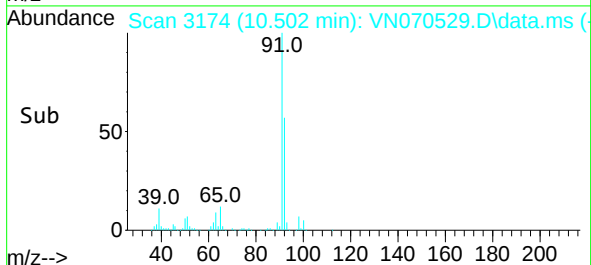
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

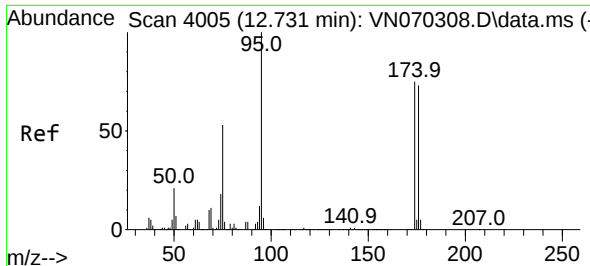


#52
Toluene
Concen: 3.551 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.003 min
Lab File: VN070529.D
Acq: 6 Jan 2022 19:24



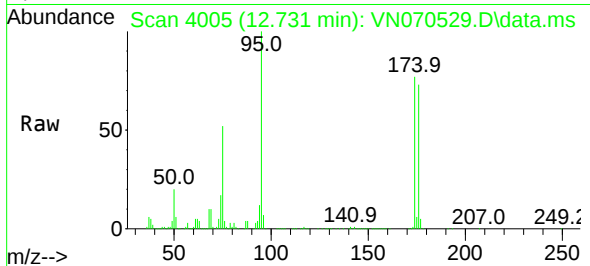
Tgt Ion: 92 Resp: 103150
Ion Ratio Lower Upper
92 100
91 172.8 142.0 213.0





#62
4-Bromofluorobenzene
Concen: 51.356 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070529.D
Acq: 6 Jan 2022 19:24

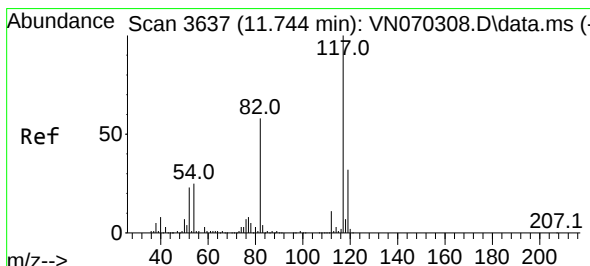
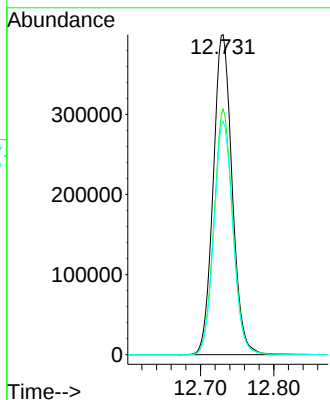
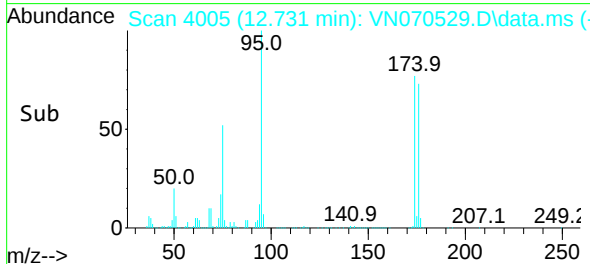
Instrument :
MSVOA_N
ClientSampleId :
NWB-1542



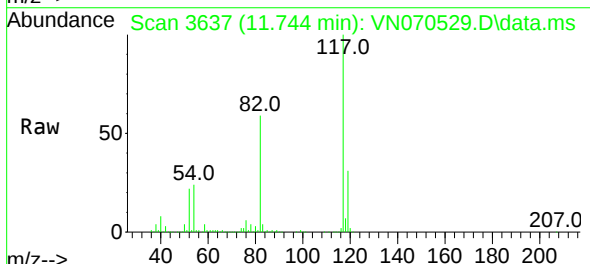
Tgt Ion: 95 Resp: 717059
Ion Ratio Lower Upper
95 100
174 76.7 0.0 187.2
176 73.4 0.0 181.4

Manual Integrations
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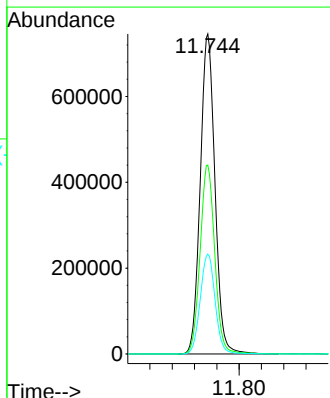
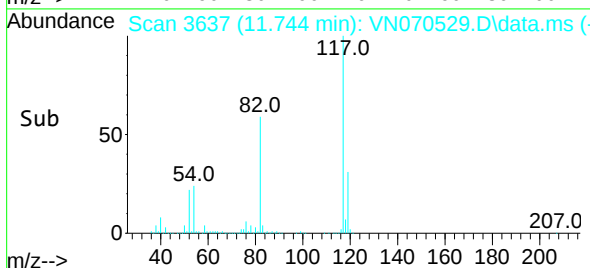
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

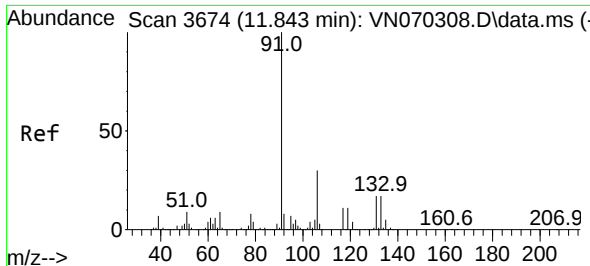


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070529.D
Acq: 6 Jan 2022 19:24



Tgt Ion:117 Resp: 1362990
Ion Ratio Lower Upper
117 100
82 59.0 42.4 63.6
119 31.2 25.4 38.2





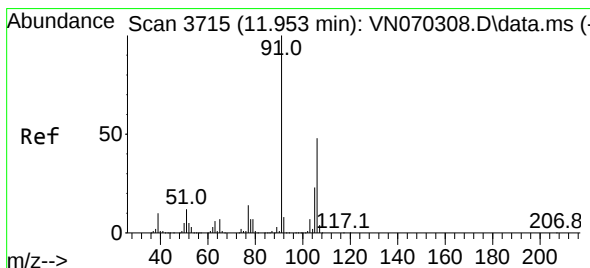
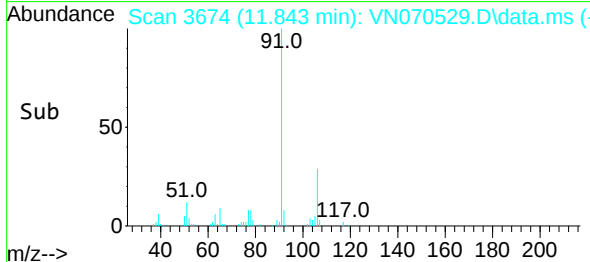
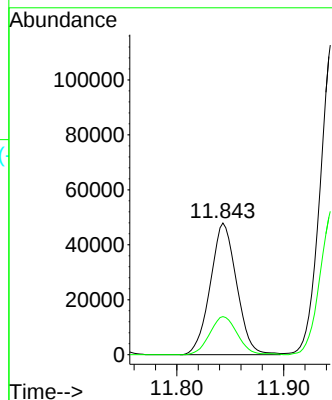
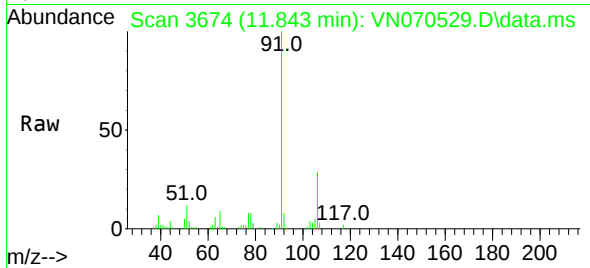
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Ethyl Benzene
Concen: 1.549 ug/l
RT: 11.843 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN070529.D
Acq: 6 Jan 2022 19:24

Instrument :
MSVOA_N
ClientSampleId :
NWB-1542

Tgt Ion: 91 Resp: 82088
Ion Ratio Lower Upper
91 100
106 29.0 25.7 38.5

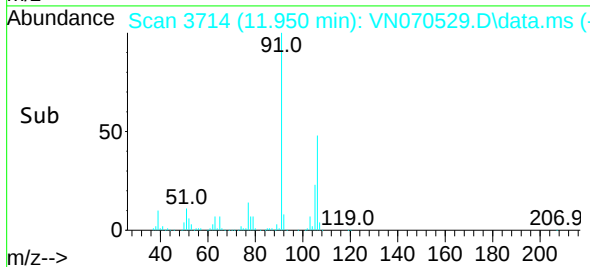
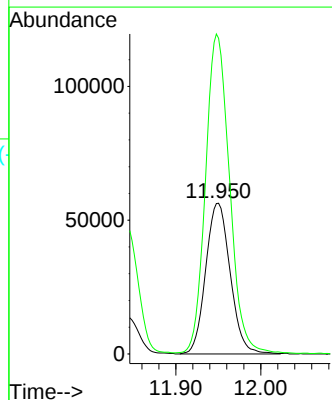
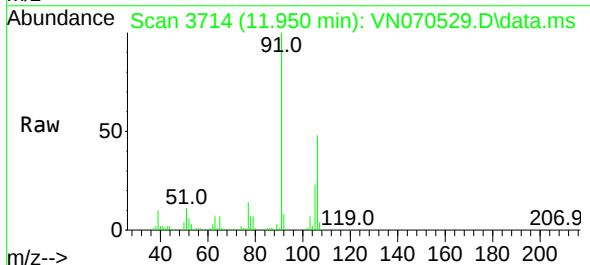
Manual Integrations
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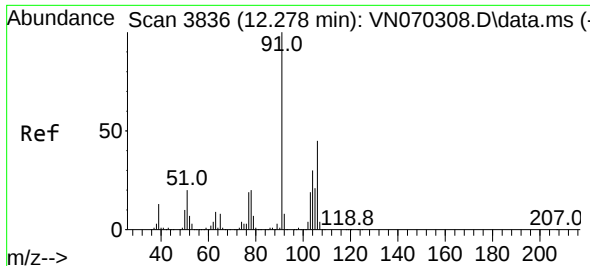
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#68
m/p-Xylenes
Concen: 5.857 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070529.D
Acq: 6 Jan 2022 19:24

Tgt Ion:106 Resp: 112973
Ion Ratio Lower Upper
106 100
91 207.7 160.6 240.8





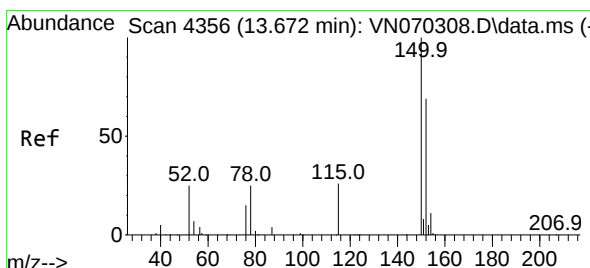
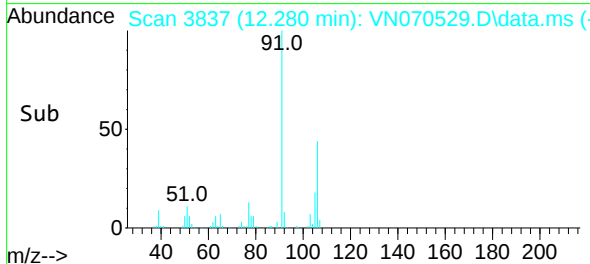
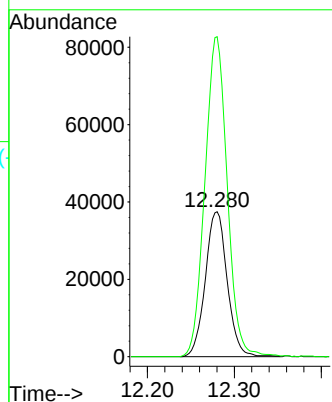
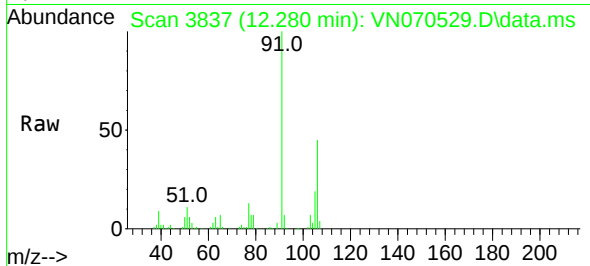
#69
o-Xylene
Concen: 3.419 ug/l
RT: 12.280 min Scan# 3836
Delta R.T. 0.002 min
Lab File: VN070529.D
Acq: 6 Jan 2022 19:24

Instrument :
MSVOA_N
ClientSampleId :
NWB-1542

Tgt Ion:106 Resp: 65600
Ion Ratio Lower Upper
106 100
91 224.8 105.8 317.3

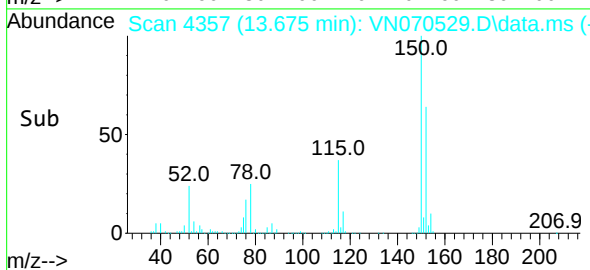
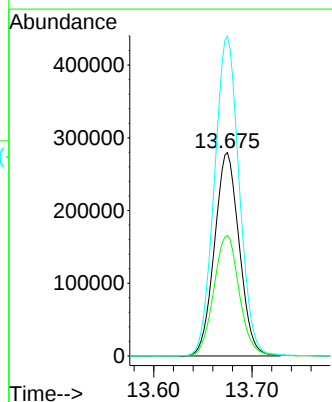
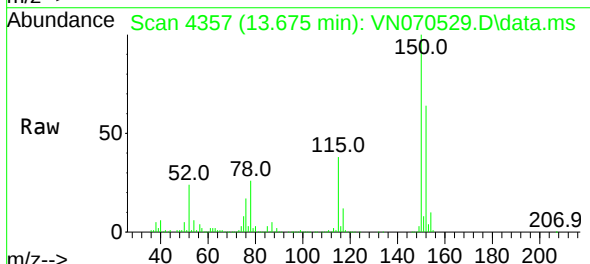
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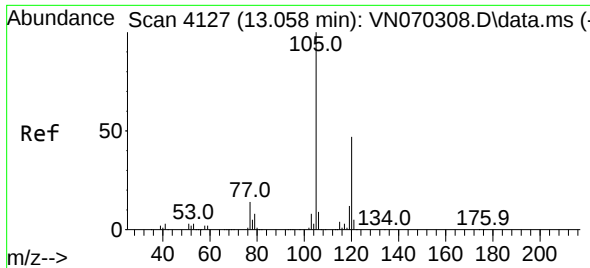
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070529.D
Acq: 6 Jan 2022 19:24

Tgt Ion:152 Resp: 489709
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 158.2 0.0 344.4





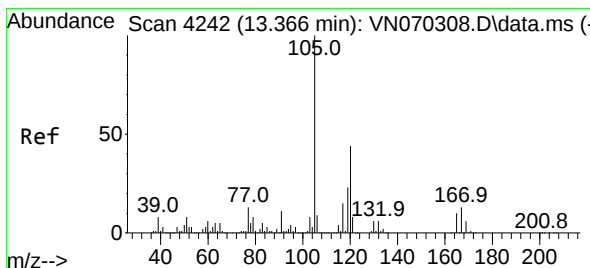
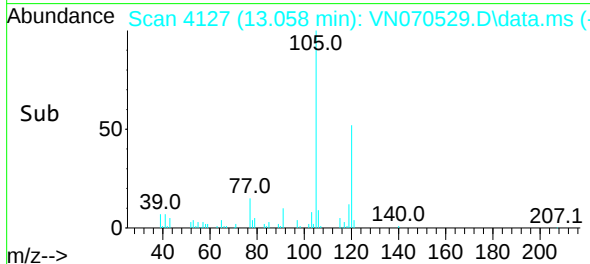
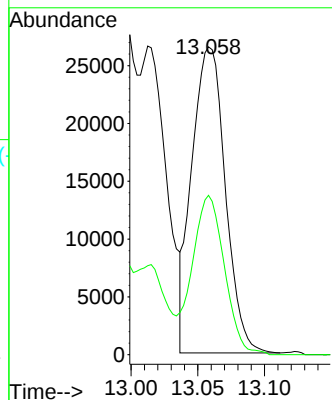
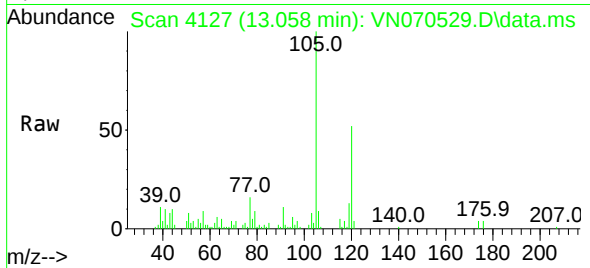
#80
 1,3,5-Trimethylbenzene
 Concen: 1.265 ug/l
 RT: 13.058 min Scan# 4127
 Delta R.T. 0.000 min
 Lab File: VN070529.D
 Acq: 6 Jan 2022 19:24

Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-1542

Tgt Ion:105 Resp: 46104
 Ion Ratio Lower Upper
 105 100
 120 50.5 24.6 73.6

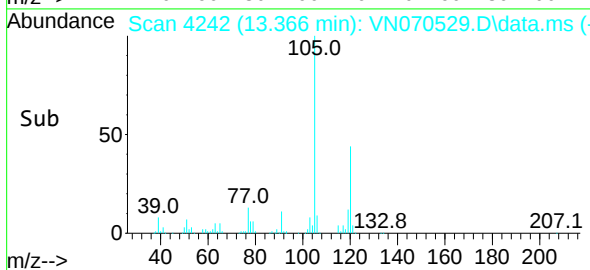
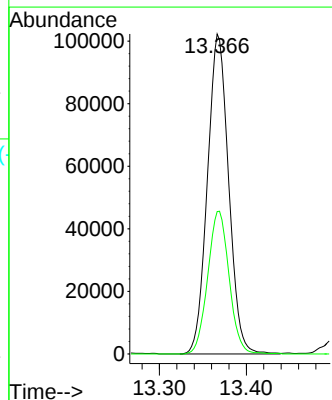
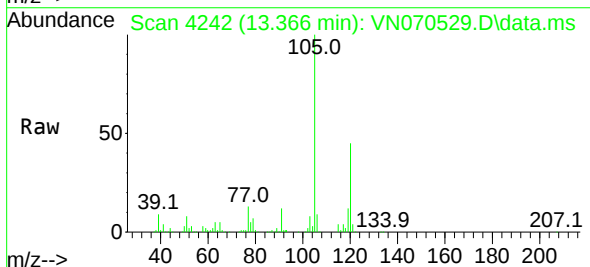
Manual Integrations
 APPROVED

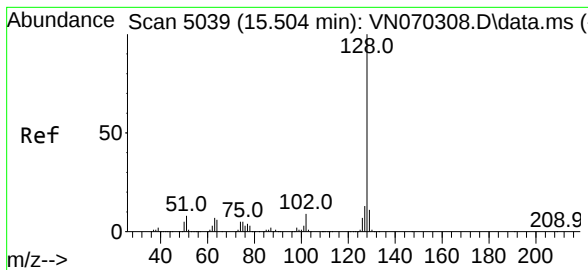
Reviewed By :John Carlone 01/10/2022
 Supervised By :Mahesh Dadoda 01/11/2022



#84
 1,2,4-Trimethylbenzene
 Concen: 4.938 ug/l
 RT: 13.366 min Scan# 4242
 Delta R.T. 0.000 min
 Lab File: VN070529.D
 Acq: 6 Jan 2022 19:24

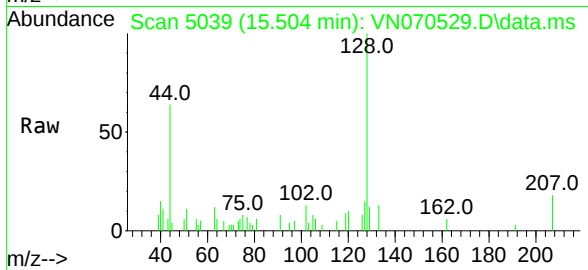
Tgt Ion:105 Resp: 173268
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.8 68.4





#95
Naphthalene
Concen: 2.308 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070529.D
Acq: 6 Jan 2022 19:24

Instrument :
MSVOA_N
ClientSampleId :
NWB-1542



Tgt Ion:	128	Resp:	1183
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.5	15.7
129	6.8	8.7	13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

