

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042722\
 Data File : VN072211.D
 Acq On : 27 Apr 2022 13:17
 Operator : JC\MD
 Sample : N2522-01DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-1756

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/28/2022
 Supervised By :Mahesh Dadoda 04/28/2022

Quant Time: Apr 28 06:02:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	262533	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	483287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	528793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	208072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	200084	49.643	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.280%		
35) Dibromofluoromethane	8.016	113	149877	48.452	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.900%		
50) Toluene-d8	10.439	98	642292	52.843	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.680%		
62) 4-Bromofluorobenzene	12.727	95	256459	63.568	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	127.140%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.334	59	7628m	11.517	ug/l	
16) Acetone	4.281	43	974324	560.698	ug/l	99
25) 2-Butanone	7.328	43	29255	10.571	ug/l	90
51) 4-Methyl-2-Pentanone	10.327	43	19887	3.525	ug/l	88
52) Toluene	10.504	92	140311	16.806	ug/l	99
59) 2-Hexanone	11.086	43	8456	2.127	ug/l	85
67) Ethyl Benzene	11.839	91	107328	5.760	ug/l	96
68) m/p-Xylenes	11.945	106	139855	20.213	ug/l	91
69) o-Xylene	12.274	106	95542	14.244	ug/l	94
78) n-propylbenzene	12.916	91	42988	2.123	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	62774	4.102	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	251907	17.012	ug/l	96
89) n-Butylbenzene	13.933	91	12257	1.172	ug/l #	72
95) Naphthalene	15.504	128	35433	7.305	ug/l	98

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

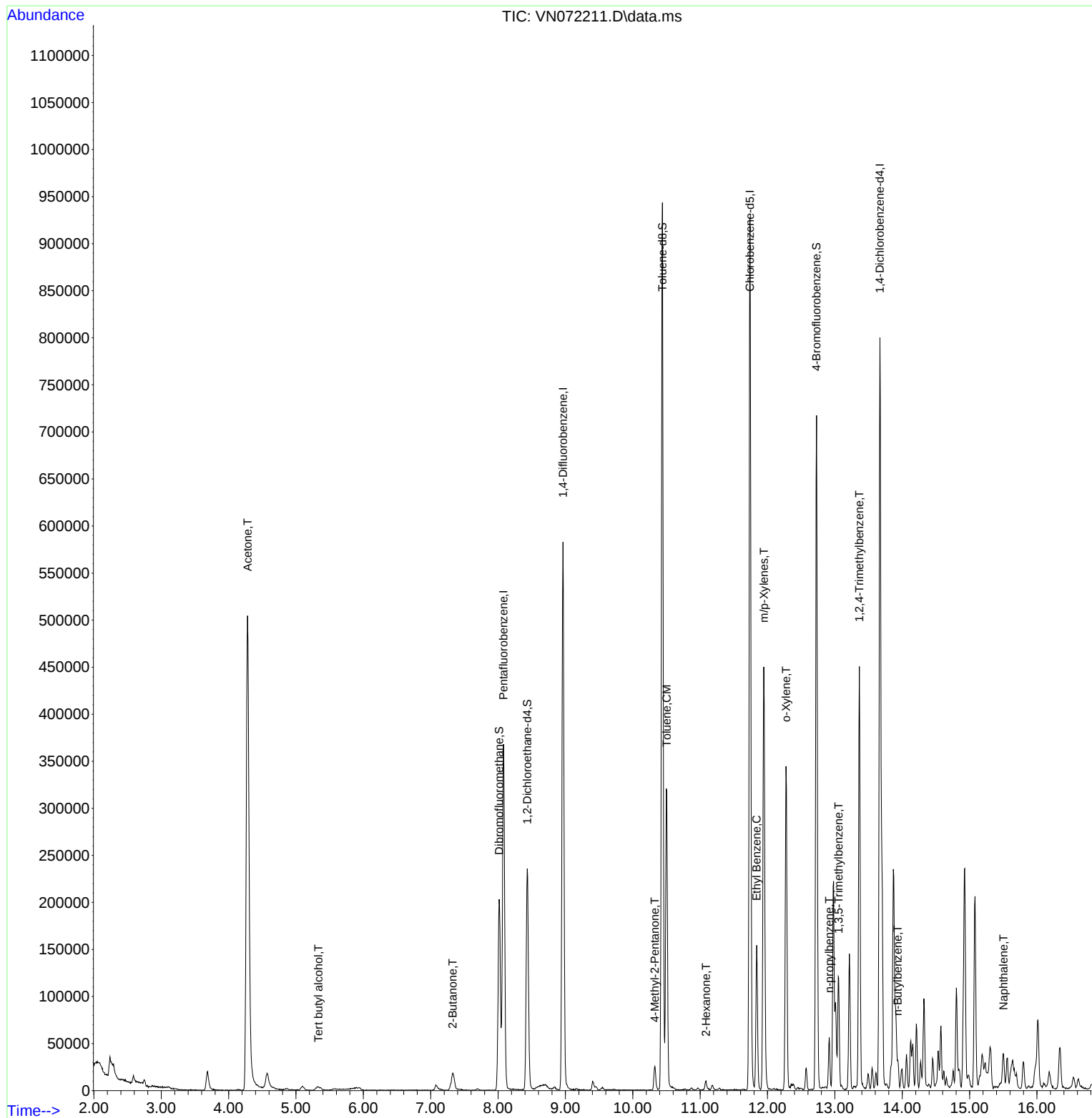
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042722\
Data File : VN072211.D
Acq On : 27 Apr 2022 13:17
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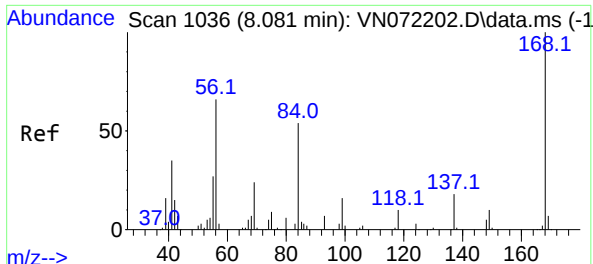
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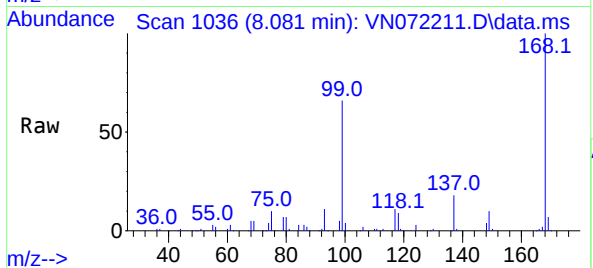
Quant Time: Apr 28 06:02:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 26 18:50:11 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072211.D
Acq: 27 Apr 2022 13:17

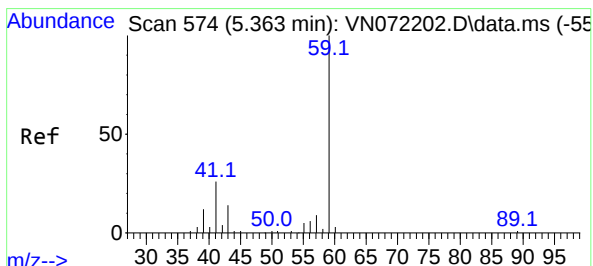
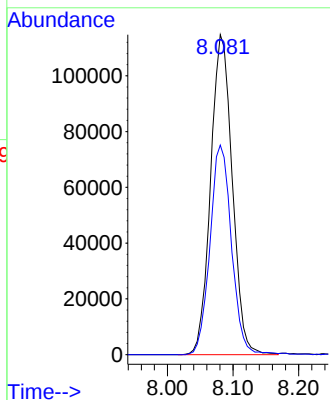
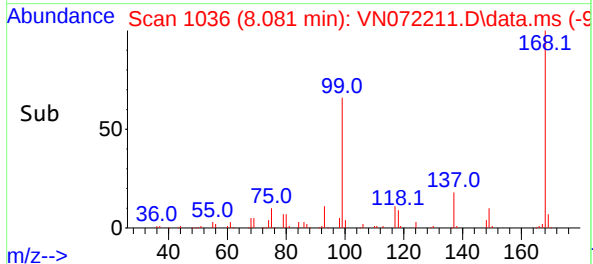
Instrument :
MSVOA_N
ClientSampleId :
NWB-1756



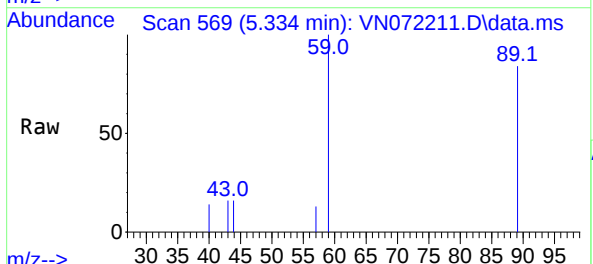
Tgt Ion:168 Resp: 26253
Ion Ratio Lower Upper
168 100
99 65.5 42.3 63.5

Manual Integrations
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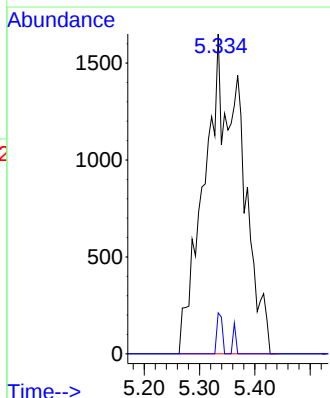
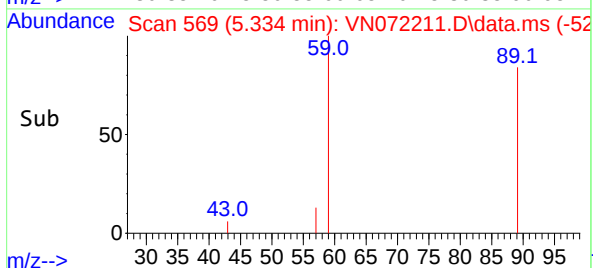
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

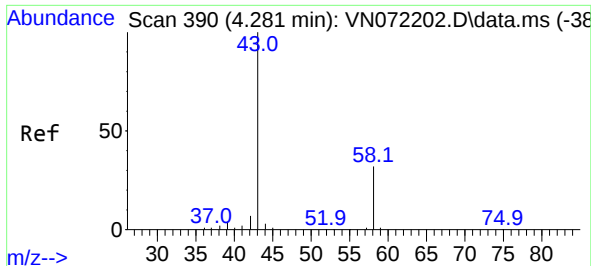


#11
Tert butyl alcohol
Concen: 11.517 ug/l m
RT: 5.334 min Scan# 569
Delta R.T. -0.029 min
Lab File: VN072211.D
Acq: 27 Apr 2022 13:17



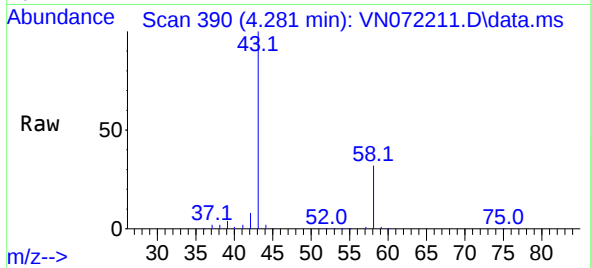
Tgt Ion: 59 Resp: 7628
Ion Ratio Lower Upper
59 100
57 1.8 8.3 12.5





#16
Acetone
Concen: 560.698 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072211.D
Acq: 27 Apr 2022 13:17

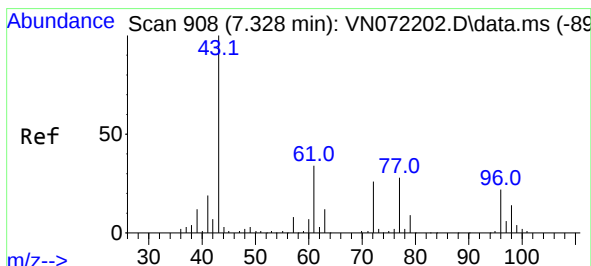
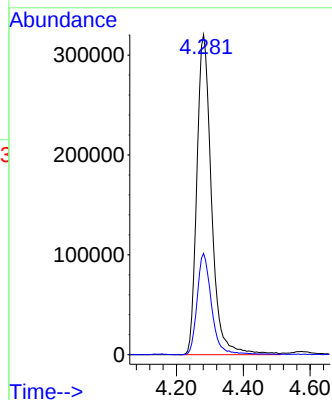
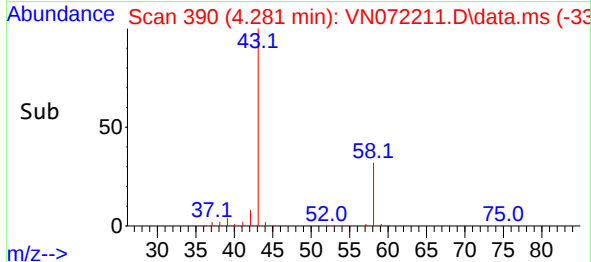
Instrument :
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Tgt Ion: 43 Resp: 974324
Ion Ratio Lower Upper
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58 31.7 26.0 39.0

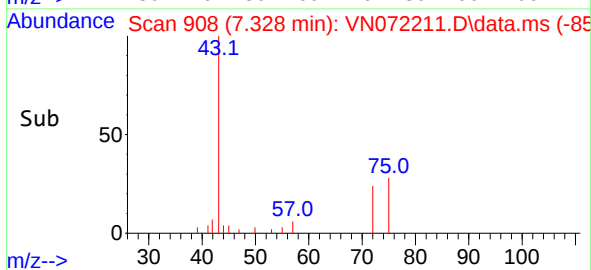
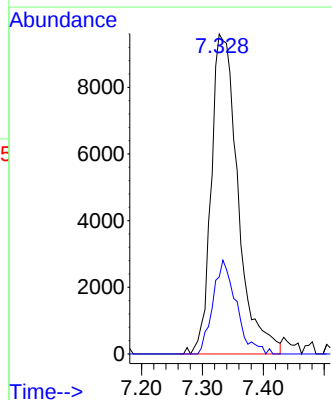
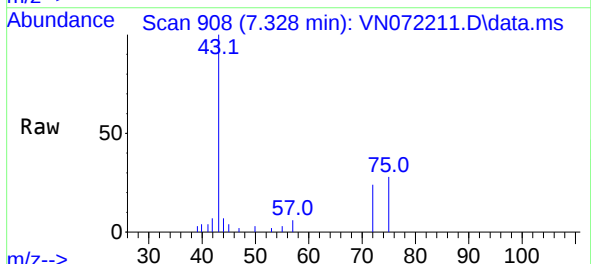
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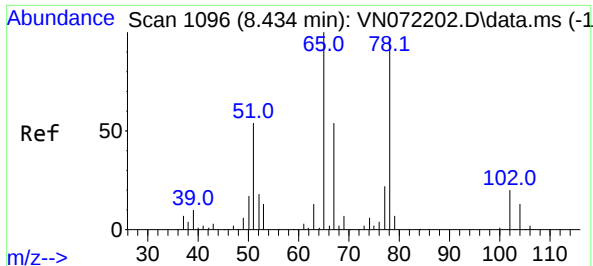
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#25
2-Butanone
Concen: 10.571 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN072211.D
Acq: 27 Apr 2022 13:17

Tgt Ion: 43 Resp: 29255
Ion Ratio Lower Upper
43 100
72 24.1 23.7 35.5





#33

1,2-Dichloroethane-d4

Concen: 49.643 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072211.D

Acq: 27 Apr 2022 13:17

Instrument :

MSVOA_N

ClientSampleId :

NWB-1756

Tgt Ion: 65 Resp: 200084

Ion Ratio Lower Upper

65 100

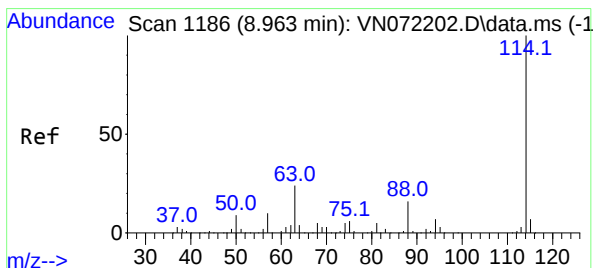
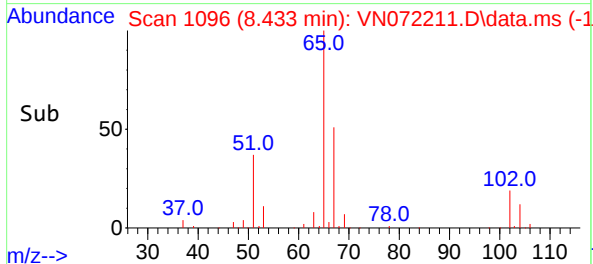
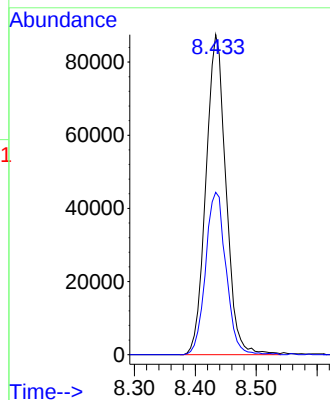
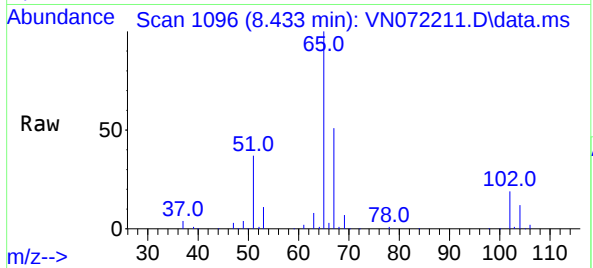
67 51.6 0.0 104.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072211.D

Acq: 27 Apr 2022 13:17

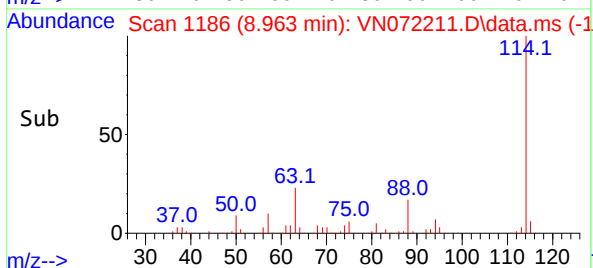
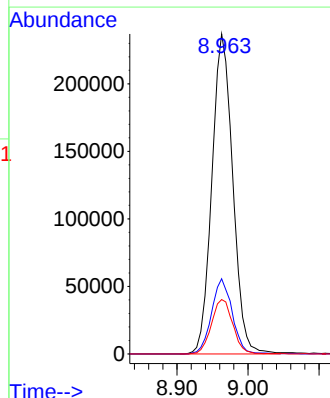
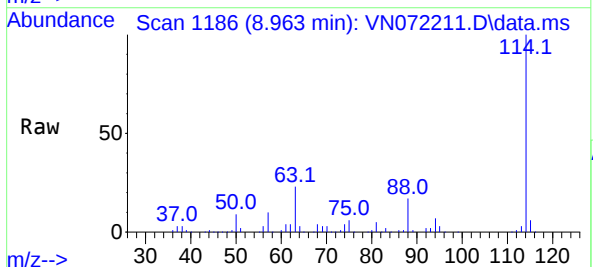
Tgt Ion:114 Resp: 483287

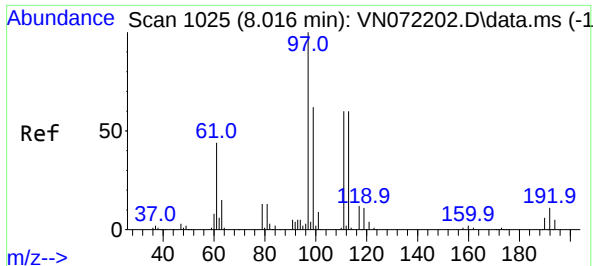
Ion Ratio Lower Upper

114 100

63 23.5 0.0 40.0

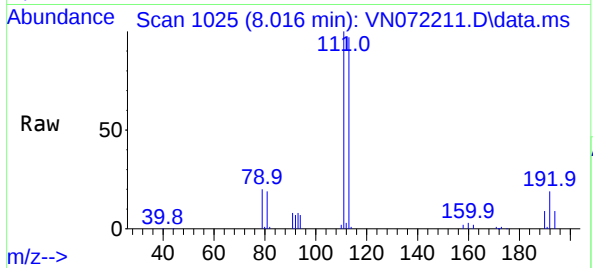
88 17.0 0.0 32.6





#35
Dibromofluoromethane
Concen: 48.452 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072211.D
Acq: 27 Apr 2022 13:17

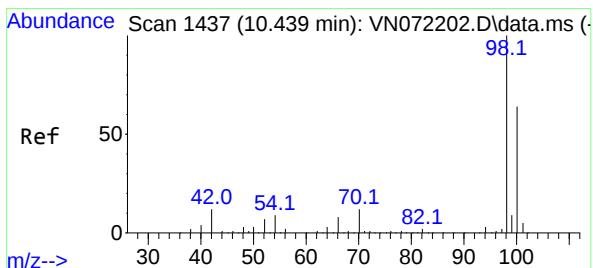
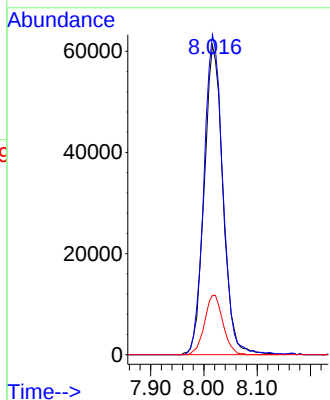
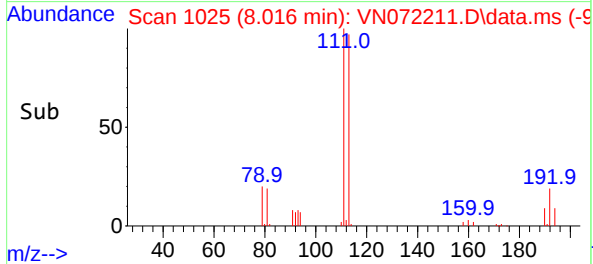
Instrument :
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ClientSampleId :
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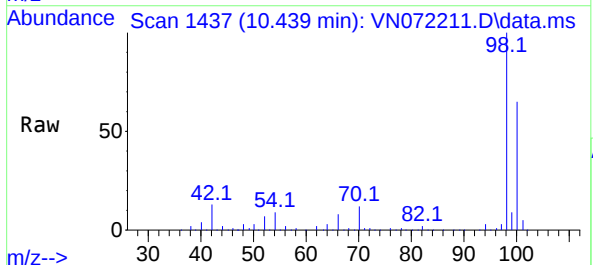
Tgt Ion:113 Resp: 14987
Ion Ratio Lower Upper
113 100
111 104.4 81.4 122.0
192 18.8 17.0 25.6

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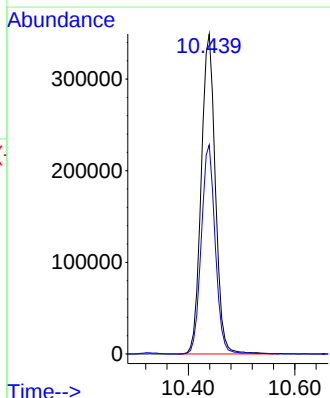
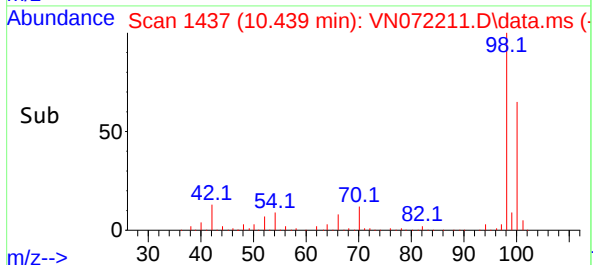
Reviewed By :John Carlone 04/28/2022
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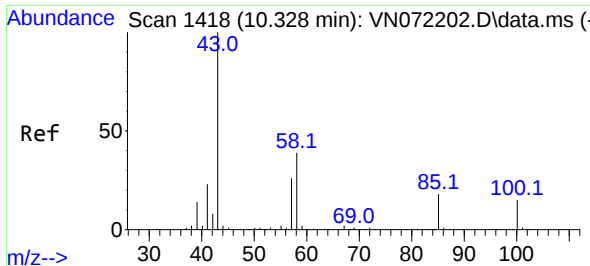


#50
Toluene-d8
Concen: 52.843 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072211.D
Acq: 27 Apr 2022 13:17



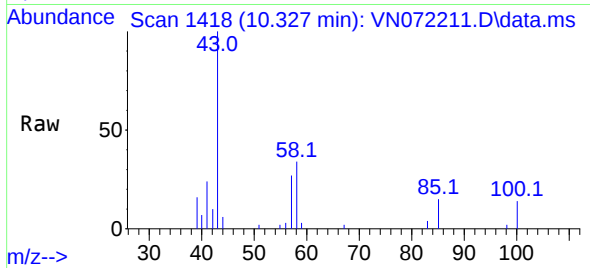
Tgt Ion: 98 Resp: 642292
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 3.525 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072211.D
Acq: 27 Apr 2022 13:17

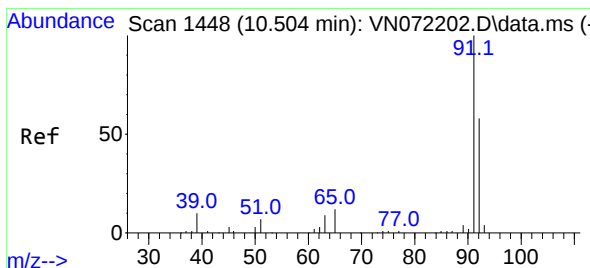
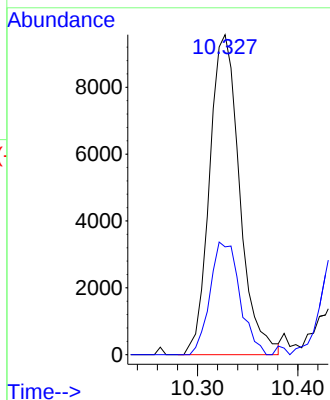
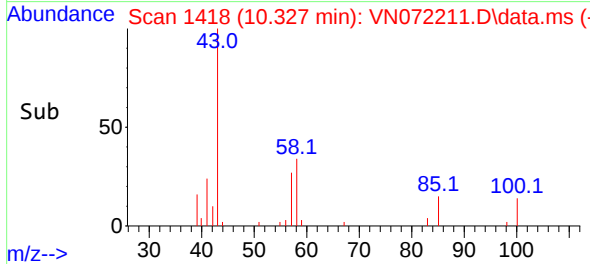
Instrument :
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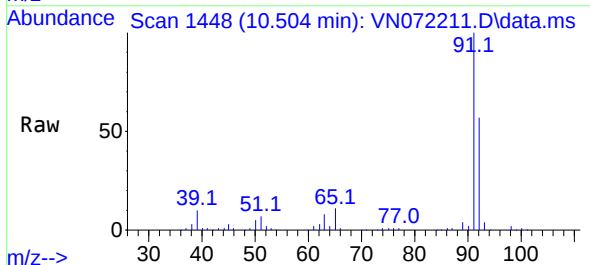
Tgt Ion: 43 Resp: 1988
Ion Ratio Lower Upper
43 100
58 34.8 34.1 51.1

Manual Integrations
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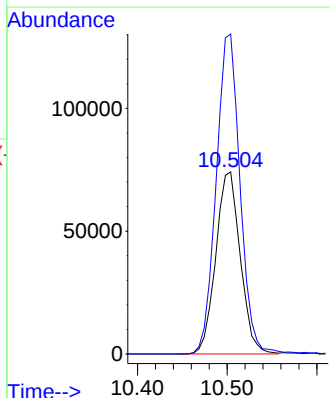
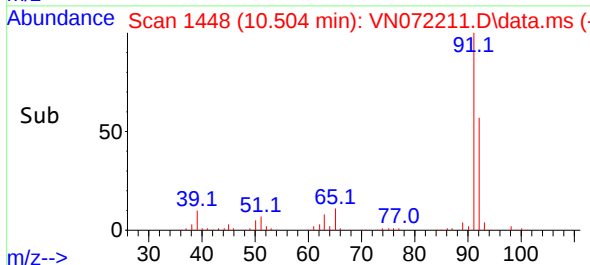
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

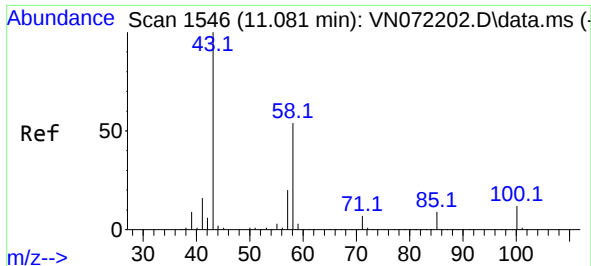


#52
Toluene
Concen: 16.806 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072211.D
Acq: 27 Apr 2022 13:17



Tgt Ion: 92 Resp: 140311
Ion Ratio Lower Upper
92 100
91 172.2 138.6 207.8





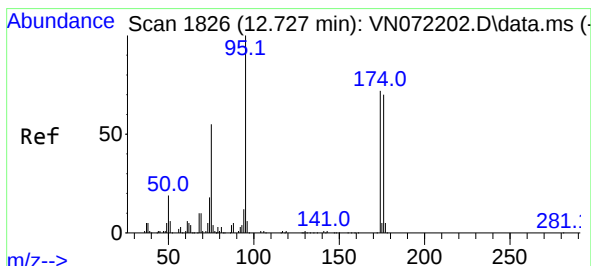
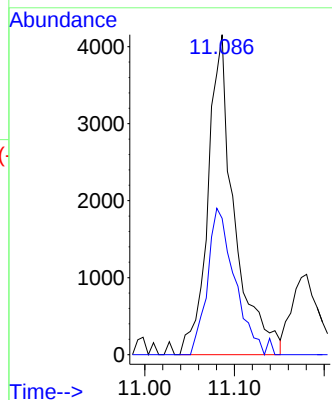
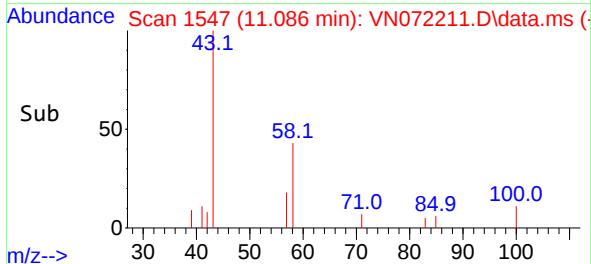
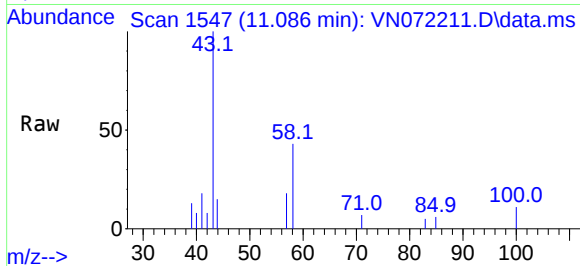
#59
2-Hexanone
Concen: 2.127 ug/l
RT: 11.086 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN072211.D
Acq: 27 Apr 2022 13:17

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 43 Resp: 8450
Ion Ratio Lower Upper
43 100
58 47.9 29.7 89.1

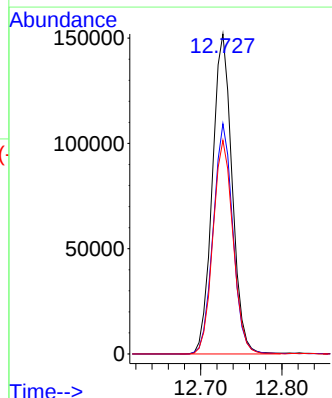
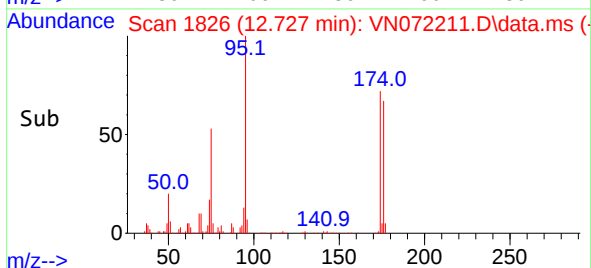
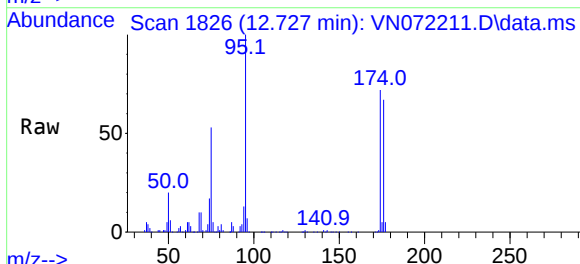
Manual Integrations
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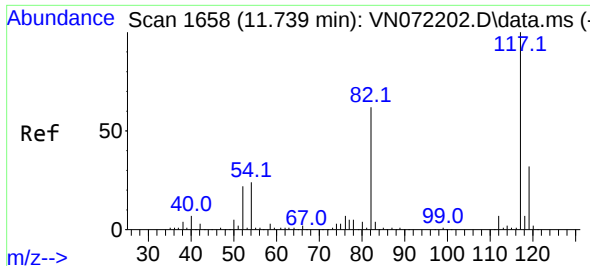
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#62
4-Bromofluorobenzene
Concen: 63.568 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072211.D
Acq: 27 Apr 2022 13:17

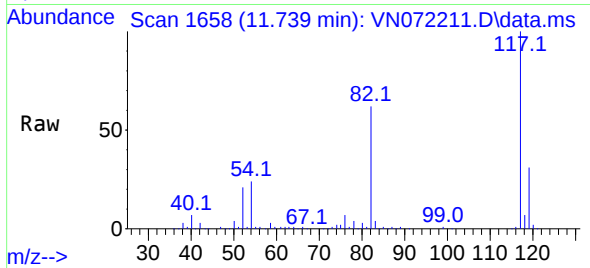
Tgt Ion: 95 Resp: 256459
Ion Ratio Lower Upper
95 100
174 71.6 0.0 167.6
176 67.9 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072211.D
Acq: 27 Apr 2022 13:17

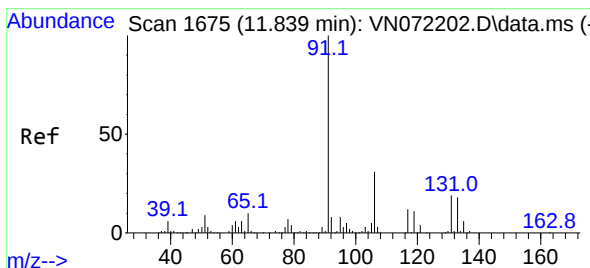
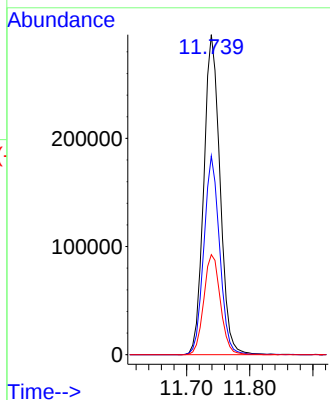
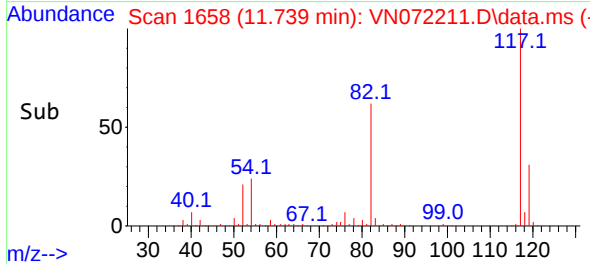
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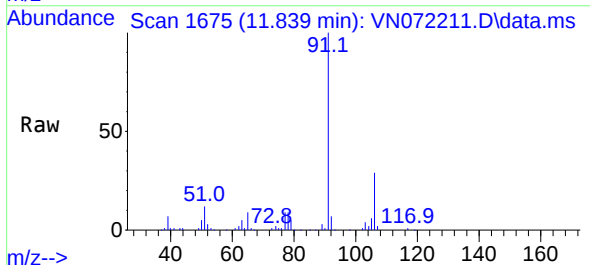
Tgt Ion: 117 Resp: 52879
Ion Ratio Lower Upper
117 100
82 62.1 44.2 66.2
119 31.3 25.4 38.0

Manual Integrations
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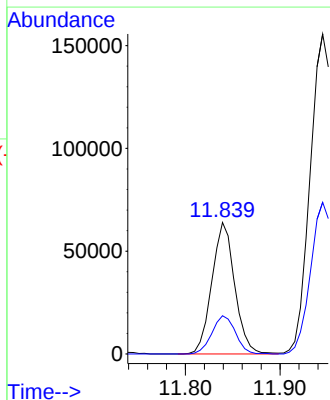
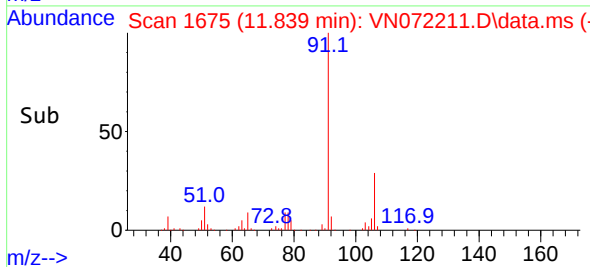
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

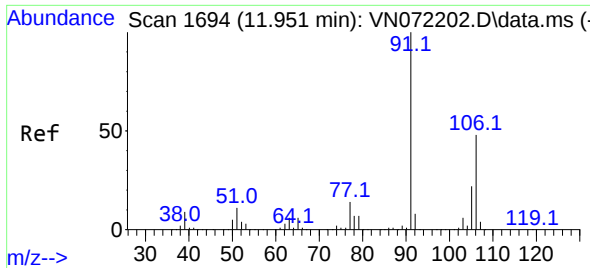


#67
Ethyl Benzene
Concen: 5.760 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072211.D
Acq: 27 Apr 2022 13:17



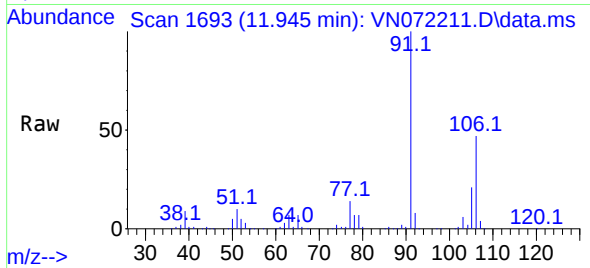
Tgt Ion: 91 Resp: 107328
Ion Ratio Lower Upper
91 100
106 29.1 24.9 37.3





#68
m/p-Xylenes
Concen: 20.213 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072211.D
Acq: 27 Apr 2022 13:17

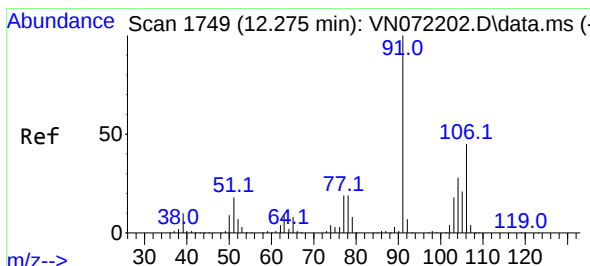
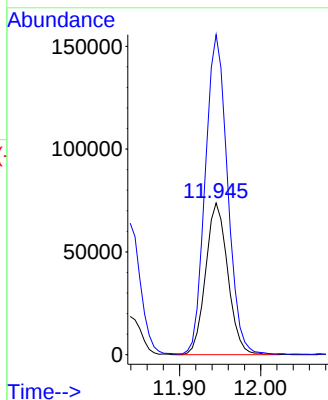
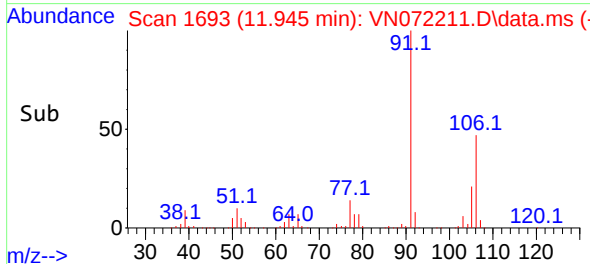
Instrument :
MSVOA_N
ClientSampleId :
NWB-1756



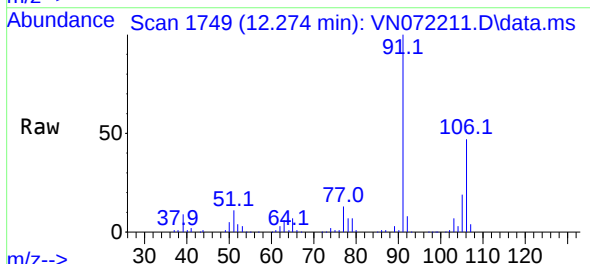
Tgt Ion:106 Resp: 13985
Ion Ratio Lower Upper
106 100
91 212.0 158.9 238.3

Manual Integrations
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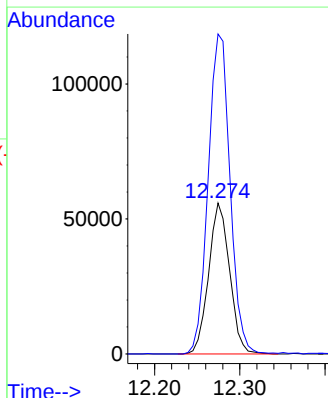
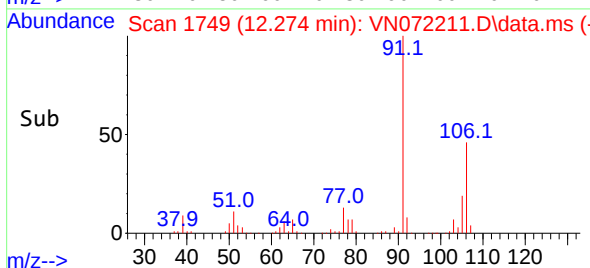
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

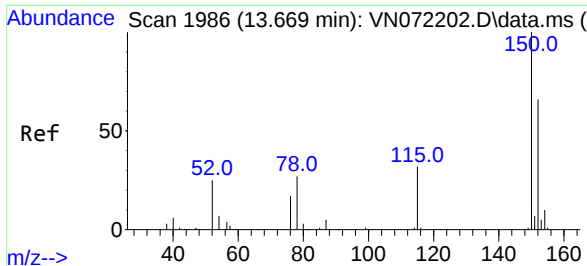


#69
o-Xylene
Concen: 14.244 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072211.D
Acq: 27 Apr 2022 13:17



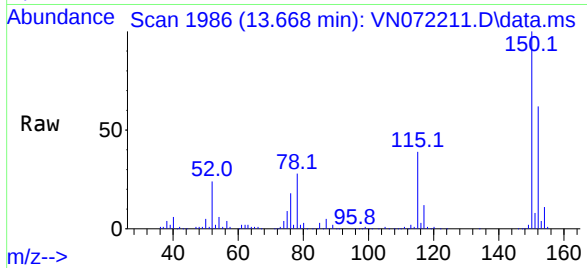
Tgt Ion:106 Resp: 95542
Ion Ratio Lower Upper
106 100
91 221.0 106.0 318.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072211.D
Acq: 27 Apr 2022 13:17

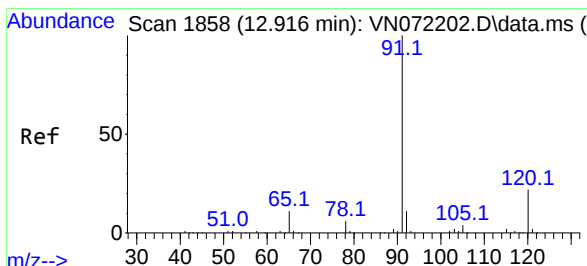
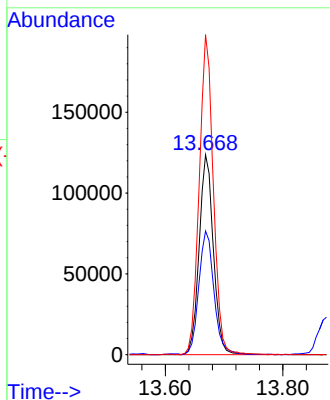
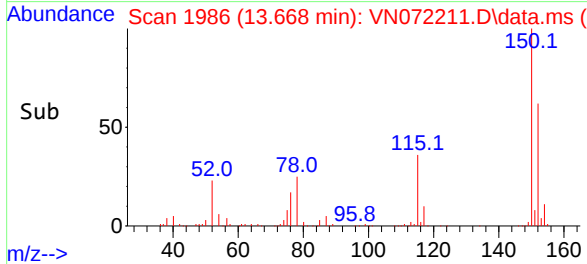
Instrument :
MSVOA_N
ClientSampleId :
NWB-1756



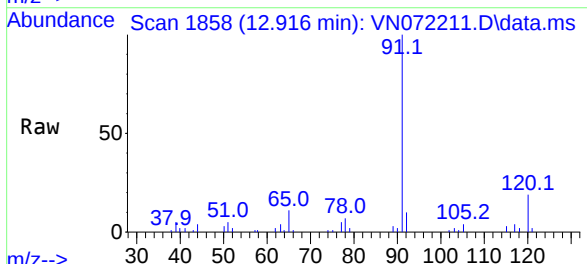
Tgt Ion:152 Resp: 208072
Ion Ratio Lower Upper
152 100
115 65.9 28.9 86.7
150 158.3 0.0 356.2

Manual Integrations
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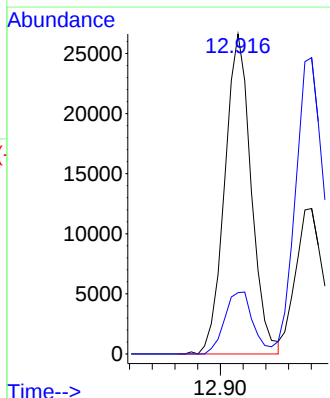
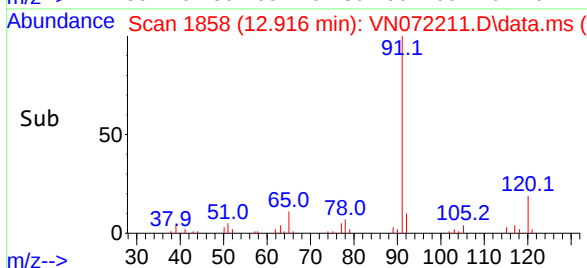
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

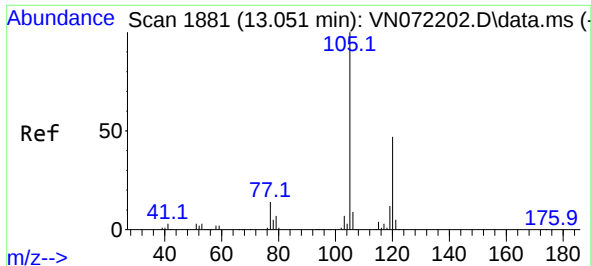


#78
n-propylbenzene
Concen: 2.123 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072211.D
Acq: 27 Apr 2022 13:17



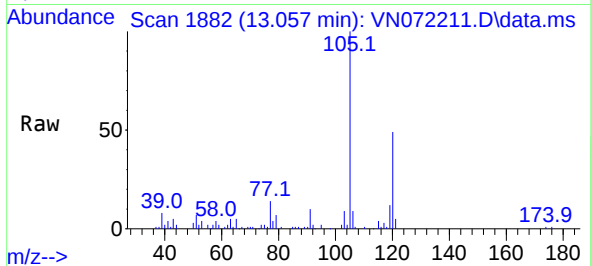
Tgt Ion: 91 Resp: 42988
Ion Ratio Lower Upper
91 100
120 20.9 11.9 35.5





#80
1,3,5-Trimethylbenzene
Concen: 4.102 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN072211.D
Acq: 27 Apr 2022 13:17

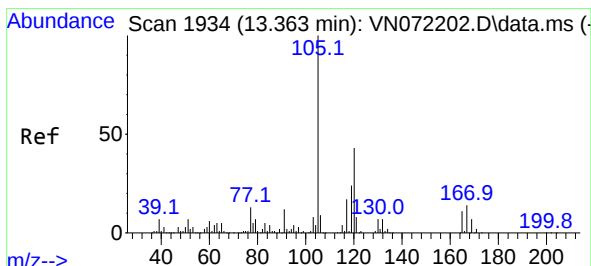
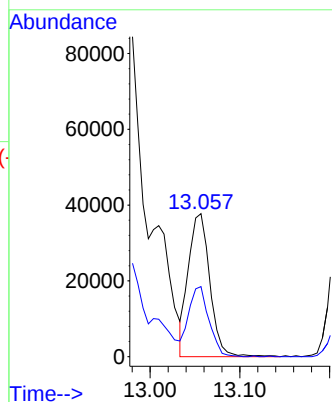
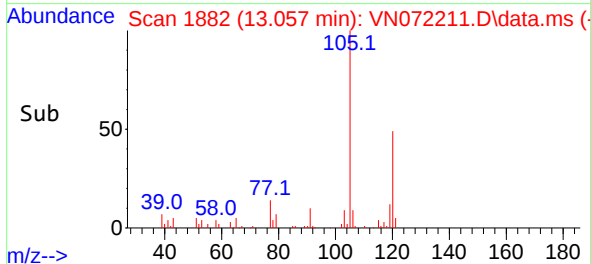
Instrument :
MSVOA_N
ClientSampleId :
NWB-1756



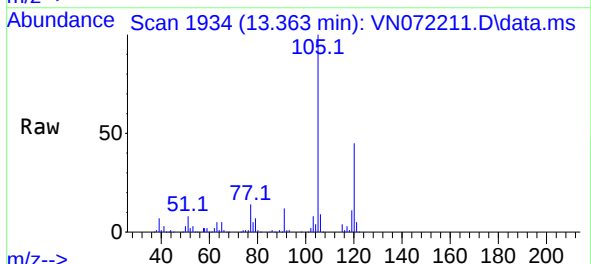
Tgt Ion:105 Resp: 62774
Ion Ratio Lower Upper
105 100
120 46.3 24.9 74.7

Manual Integrations
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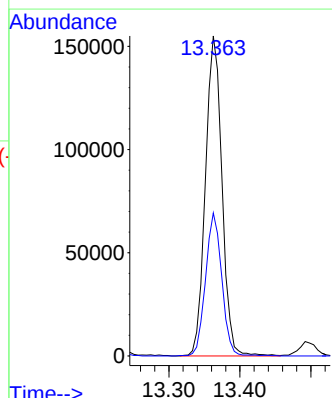
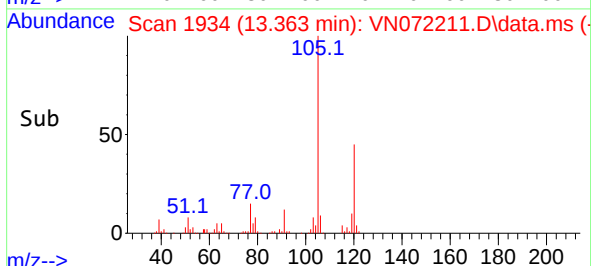
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

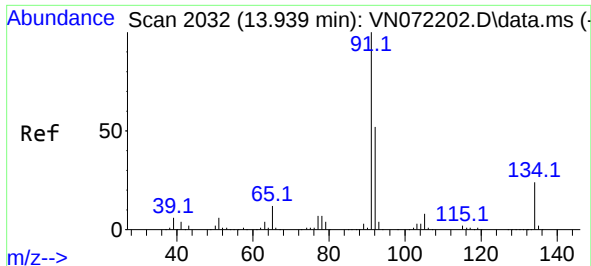


#84
1,2,4-Trimethylbenzene
Concen: 17.012 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072211.D
Acq: 27 Apr 2022 13:17



Tgt Ion:105 Resp: 251907
Ion Ratio Lower Upper
105 100
120 43.8 23.3 69.8





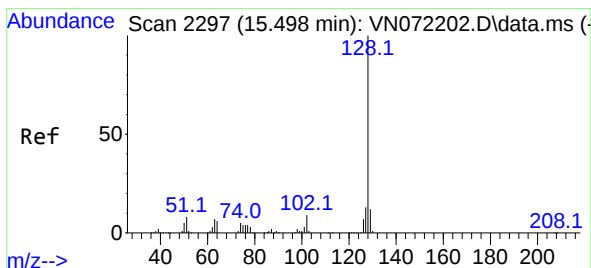
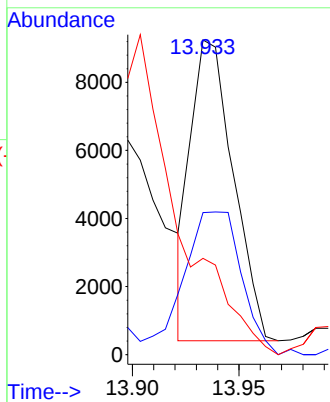
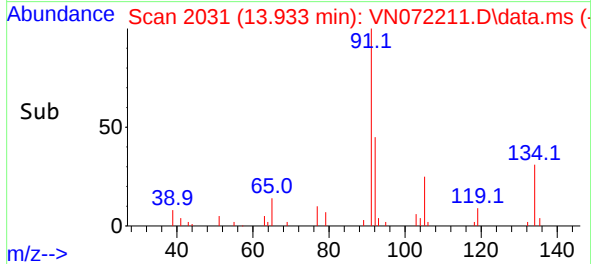
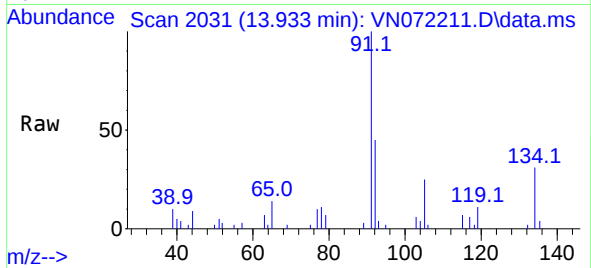
#89
n-Butylbenzene
Concen: 1.172 ug/l
RT: 13.933 min Scan# 2032
Delta R.T. -0.006 min
Lab File: VN072211.D
Acq: 27 Apr 2022 13:17

Instrument :
MSVOA_N
ClientSampleId :
NWB-1756

Tgt Ion: 91 Resp: 1225
Ion Ratio Lower Upper
91 100
92 65.2 26.9 80.7
134 0.0 13.6 40.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#95
Naphthalene
Concen: 7.305 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072211.D
Acq: 27 Apr 2022 13:17

Tgt Ion:128 Resp: 35433
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.8 8.6 13.0

