

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051922\
 Data File : VN072556.D
 Acq On : 19 May 2022 15:37
 Operator : JC\MD
 Sample : N2800-12DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP051022DL

Quant Time: May 20 06:53:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/20/2022
 Supervised By :Mahesh Dadoda 05/20/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	272923	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	410669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	371640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	144012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	230179	54.282	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.560%			
35) Dibromofluoromethane	8.016	113	150017	54.140	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.280%			
50) Toluene-d8	10.433	98	573151	54.645	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.300%			
62) 4-Bromofluorobenzene	12.727	95	203715	51.132	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.260%			
Target Compounds						
						Qvalue
25) 2-Butanone	7.334	43	4476m	2.215	ug/l	
31) Cyclohexane	8.081	56	18458	3.916	ug/l	# 73
39) Methylcyclohexane	9.451	83	7753	1.761	ug/l	# 89
52) Toluene	10.498	92	38144	5.337	ug/l	98
67) Ethyl Benzene	11.839	91	189930	14.408	ug/l	94
68) m/p-Xylenes	11.945	106	191092	37.655	ug/l	93
69) o-Xylene	12.274	106	93972	18.177	ug/l	92
73) Isopropylbenzene	12.574	105	20003	1.680	ug/l	98
78) n-propylbenzene	12.916	91	39978	3.070	ug/l	97
80) 1,3,5-Trimethylbenzene	13.051	105	60587	5.868	ug/l	94
84) 1,2,4-Trimethylbenzene	13.363	105	206940	20.893	ug/l	96
85) sec-Butylbenzene	13.498	105	4017m	0.353	ug/l	
89) n-Butylbenzene	13.939	91	4617	0.651	ug/l	# 80
95) Naphthalene	15.504	128	24312	3.832	ug/l	96

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

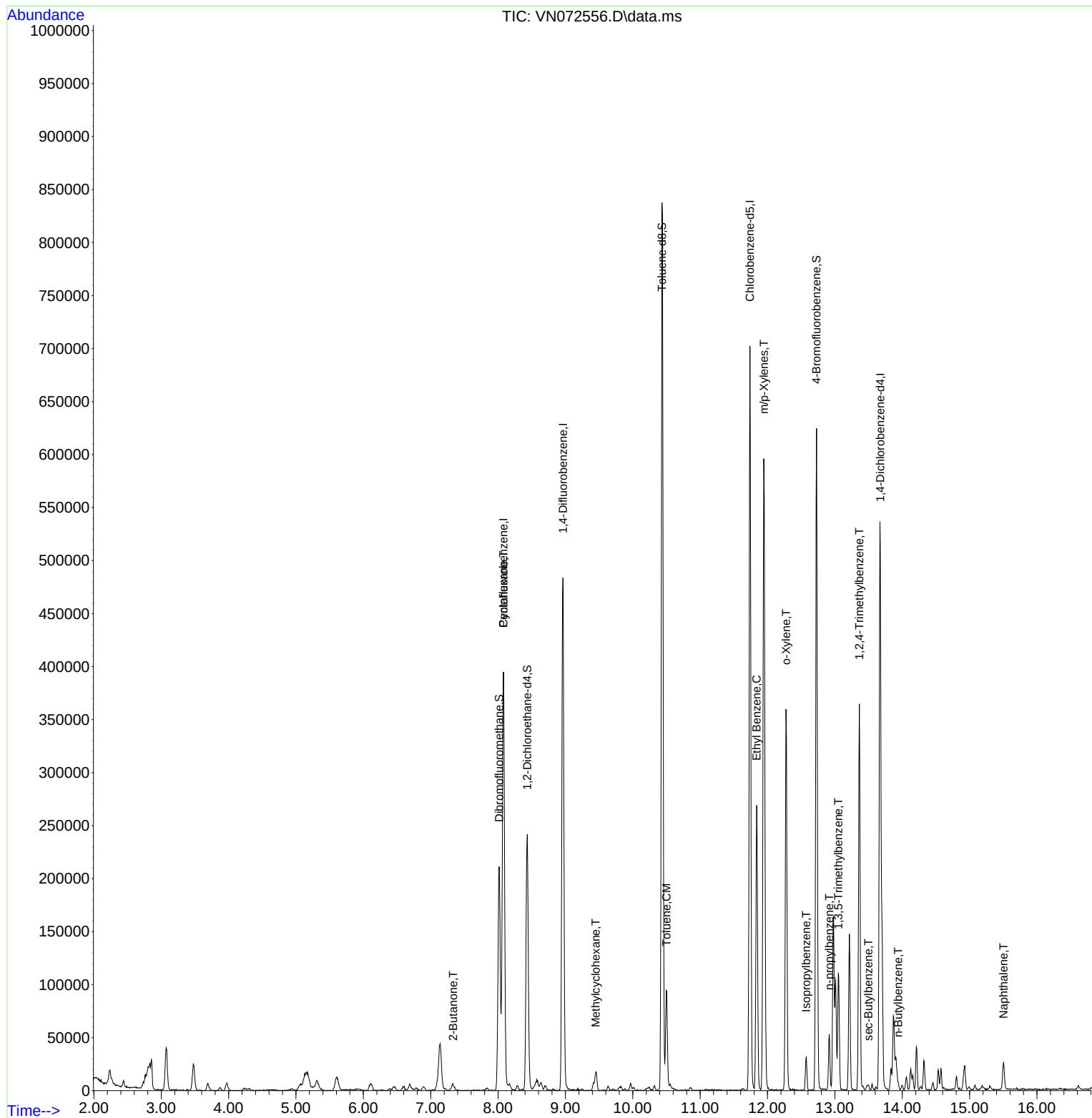
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051922\
Data File : VN072556.D
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Operator : JC\MD
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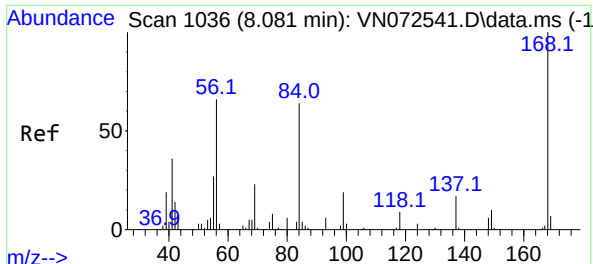
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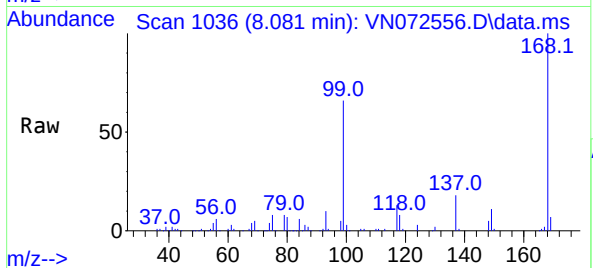
Quant Time: May 20 06:53:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260
QLast Update : Thu May 19 02:22:47 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072556.D
Acq: 19 May 2022 15:37

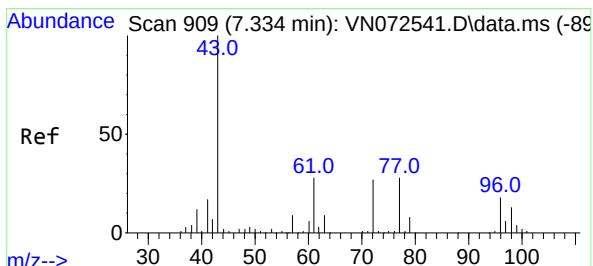
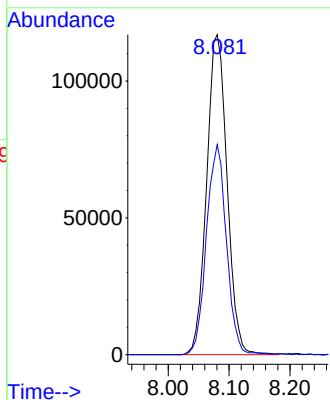
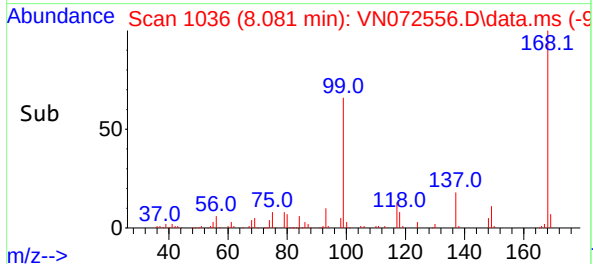
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MSVOA_N
ClientSampleId :
DUP051022DL



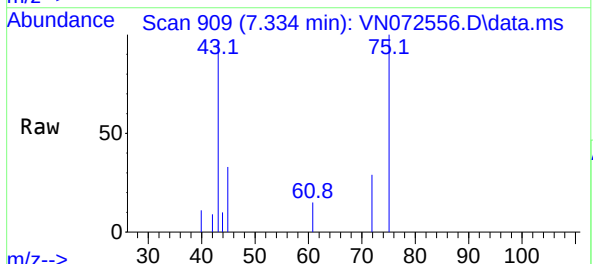
Tgt Ion:168 Resp: 272923
Ion Ratio Lower Upper
168 100
99 65.6 42.3 63.5

Manual Integrations
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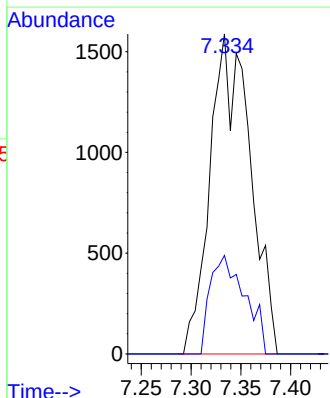
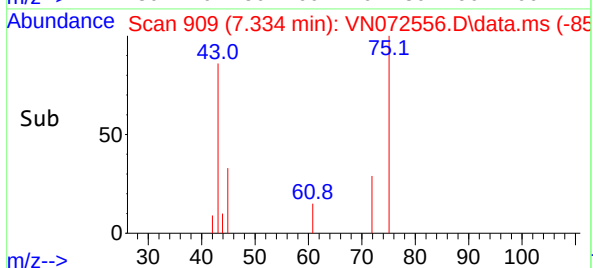
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022

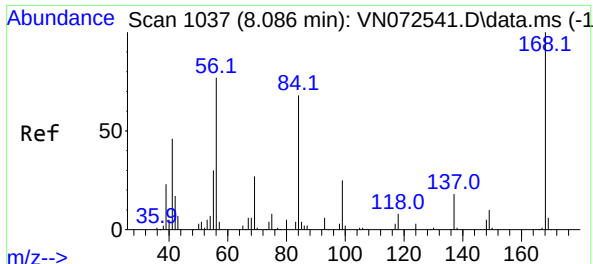


#25
2-Butanone
Concen: 2.215 ug/l m
RT: 7.334 min Scan# 909
Delta R.T. -0.000 min
Lab File: VN072556.D
Acq: 19 May 2022 15:37



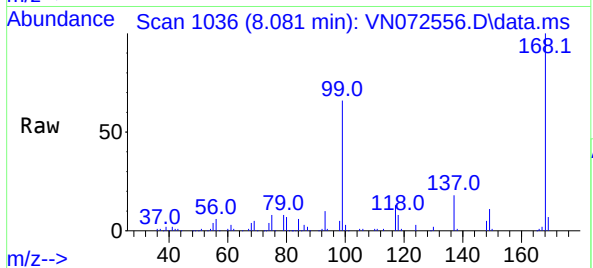
Tgt Ion: 43 Resp: 4476
Ion Ratio Lower Upper
43 100
72 30.8 23.7 35.5





#31
Cyclohexane
Concen: 3.916 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN072556.D
Acq: 19 May 2022 15:37

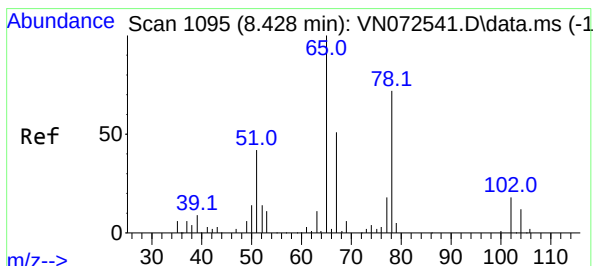
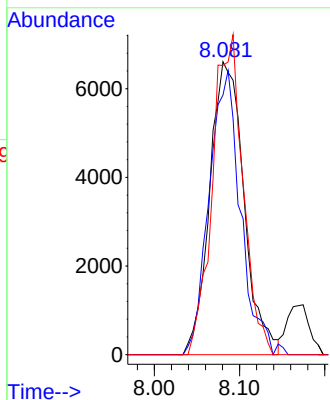
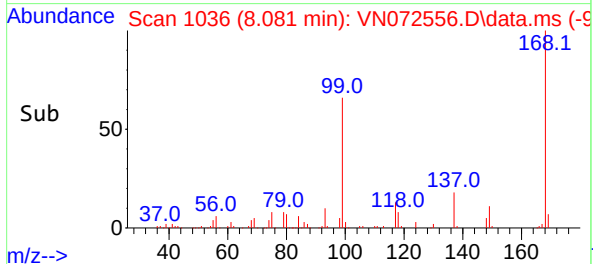
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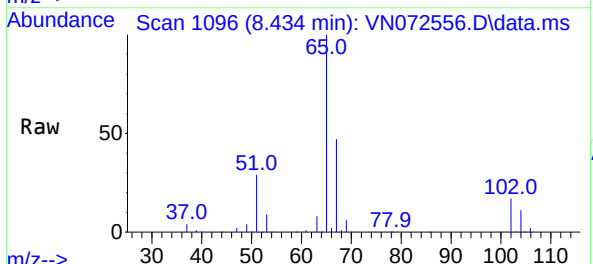
Tgt Ion: 56 Resp: 18458
Ion Ratio Lower Upper
56 100
69 88.6 27.8 41.8
84 98.7 76.9 115.3

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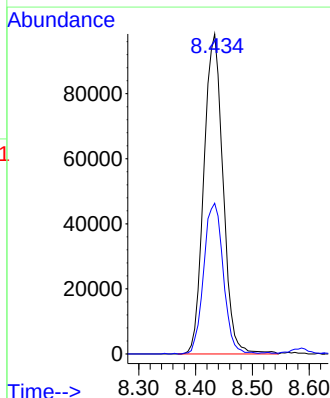
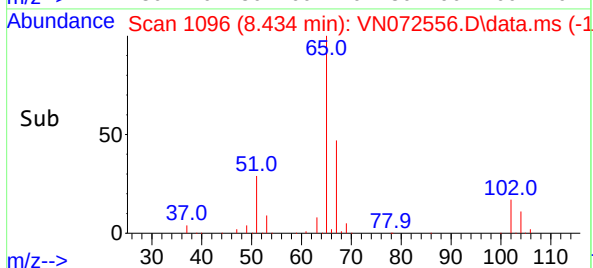
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022

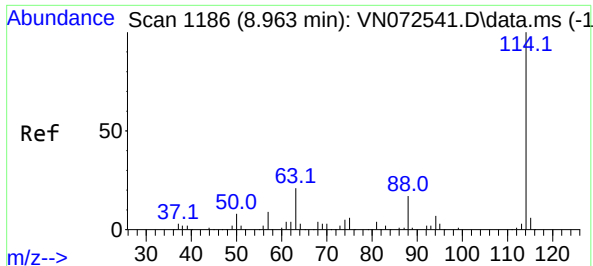


#33
1,2-Dichloroethane-d4
Concen: 54.282 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.005 min
Lab File: VN072556.D
Acq: 19 May 2022 15:37



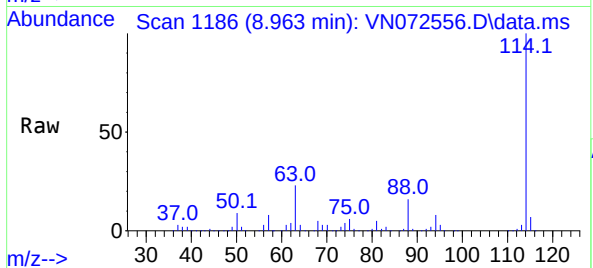
Tgt Ion: 65 Resp: 230179
Ion Ratio Lower Upper
65 100
67 48.0 0.0 104.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072556.D
Acq: 19 May 2022 15:37

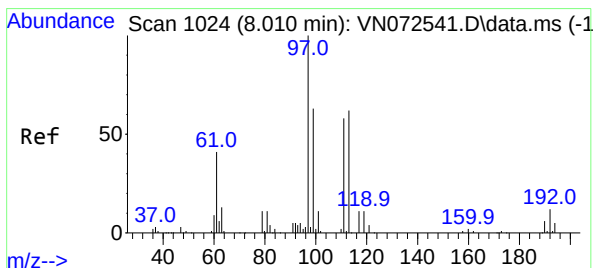
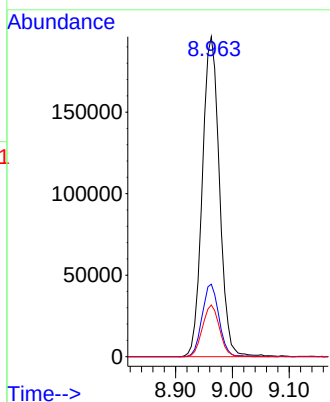
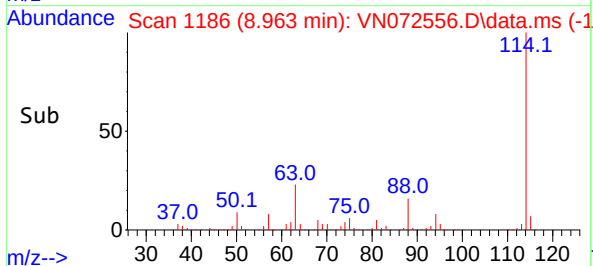
Instrument :
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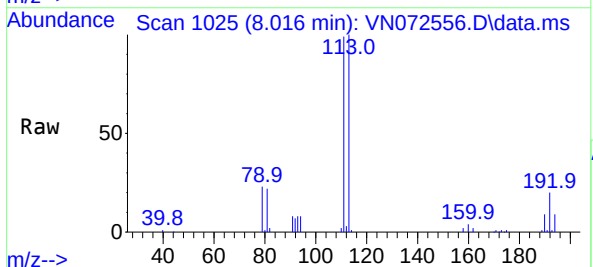
Tgt Ion:114 Resp: 410669
Ion Ratio Lower Upper
114 100
63 22.6 0.0 40.0
88 16.2 0.0 32.6

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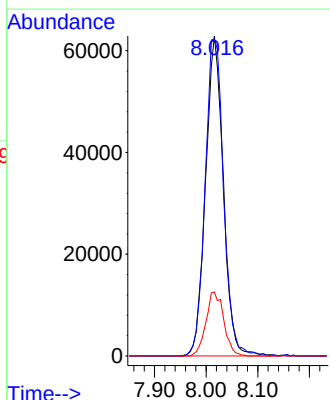
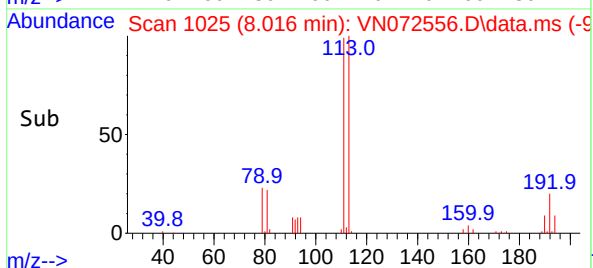
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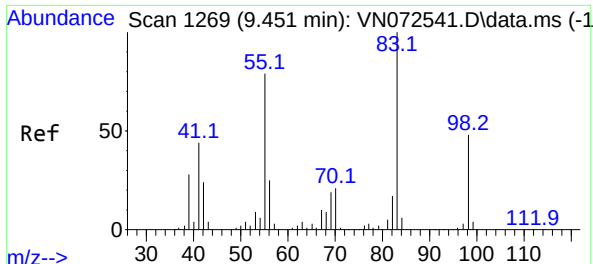


#35
Dibromofluoromethane
Concen: 54.140 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN072556.D
Acq: 19 May 2022 15:37



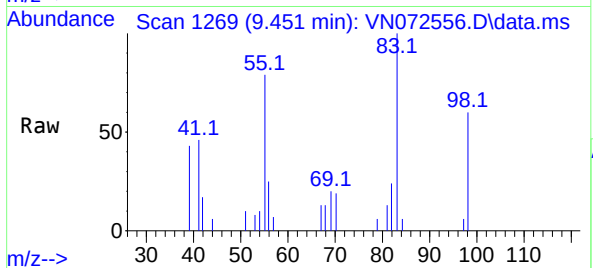
Tgt Ion:113 Resp: 150017
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.0
192 20.1 17.0 25.6





#39
Methylcyclohexane
Concen: 1.761 ug/l
RT: 9.451 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VN072556.D
Acq: 19 May 2022 15:37

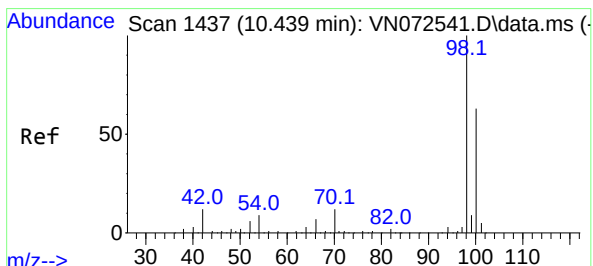
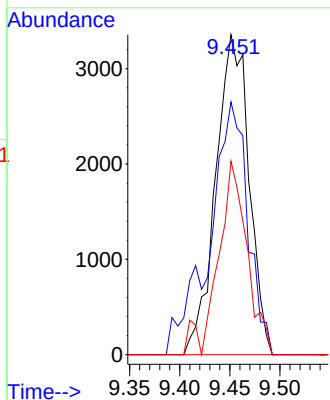
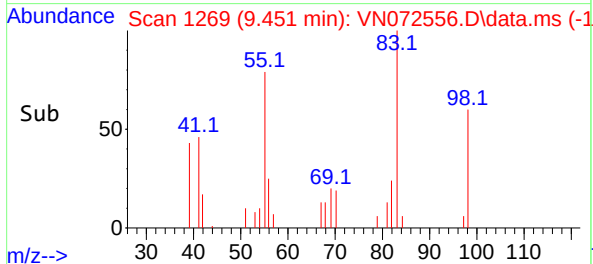
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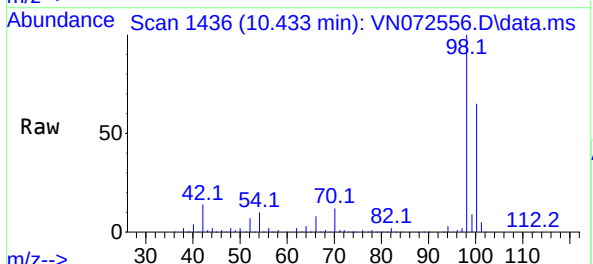
Tgt Ion: 83 Resp: 775
Ion Ratio Lower Upper
83 100
55 78.9 57.8 86.8
98 60.4 39.4 59.2

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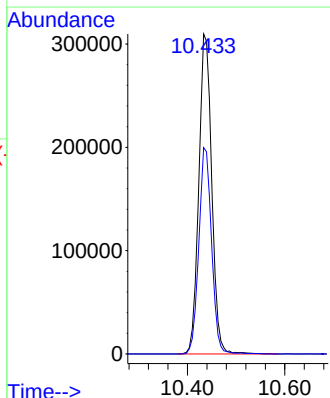
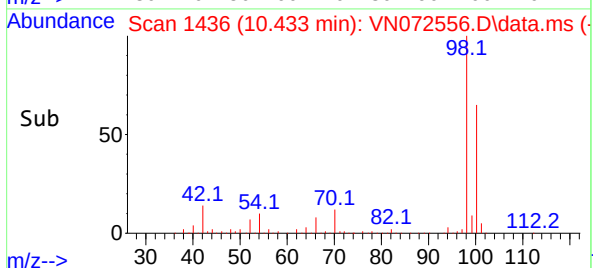
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022

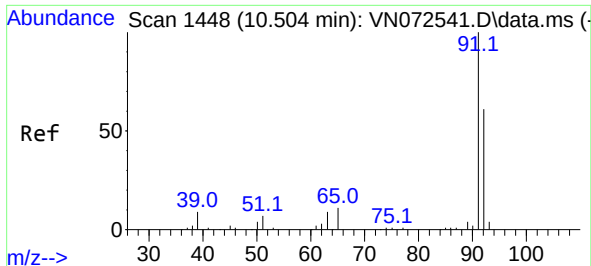


#50
Toluene-d8
Concen: 54.645 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VN072556.D
Acq: 19 May 2022 15:37



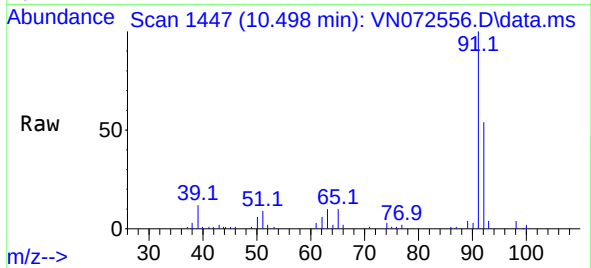
Tgt Ion: 98 Resp: 573151
Ion Ratio Lower Upper
98 100
100 63.6 52.6 78.8





#52
Toluene
Concen: 5.337 ug/l
RT: 10.498 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VN072556.D
Acq: 19 May 2022 15:37

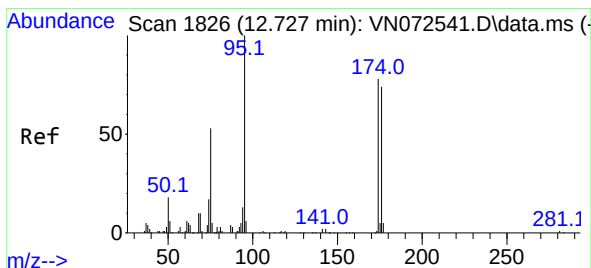
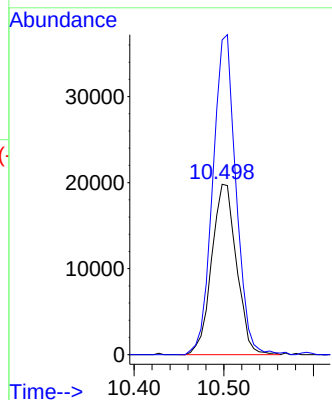
Instrument :
MSVOA_N
ClientSampleId :
DUP051022DL



Tgt Ion: 92 Resp: 38144
Ion Ratio Lower Upper
92 100
91 175.5 138.6 207.8

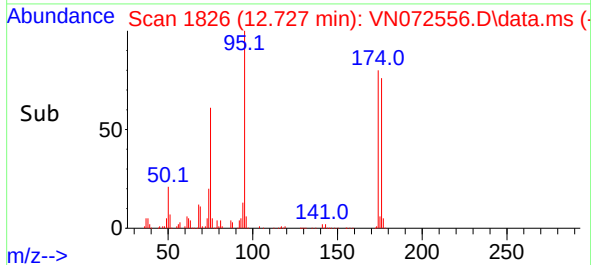
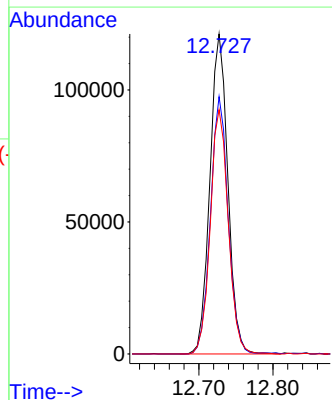
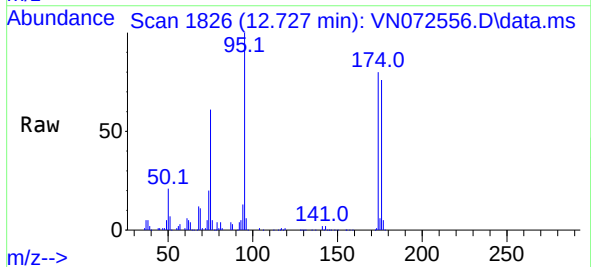
Manual Integrations
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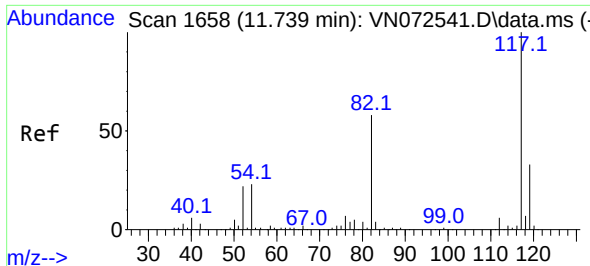
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022



#62
4-Bromofluorobenzene
Concen: 51.132 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072556.D
Acq: 19 May 2022 15:37

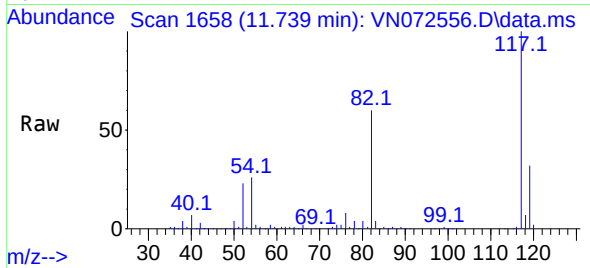
Tgt Ion: 95 Resp: 203715
Ion Ratio Lower Upper
95 100
174 79.3 0.0 167.6
176 76.6 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072556.D
Acq: 19 May 2022 15:37

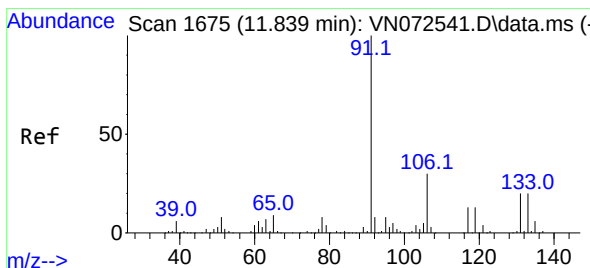
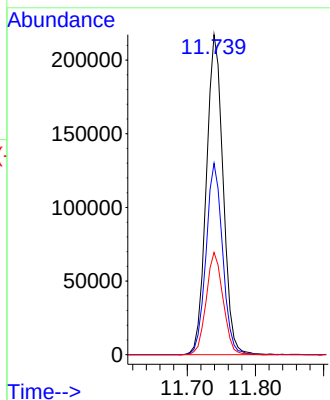
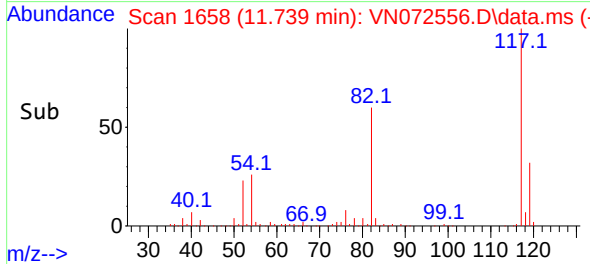
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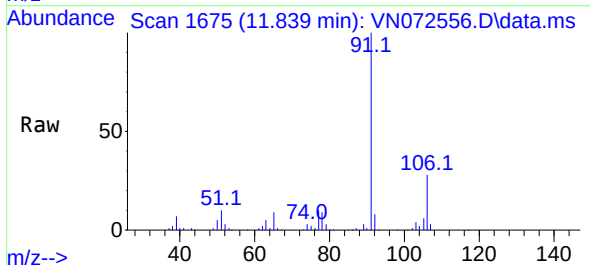
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Ion Ratio Lower Upper
117 100
82 59.8 44.2 66.2
119 31.9 25.4 38.0

Manual Integrations
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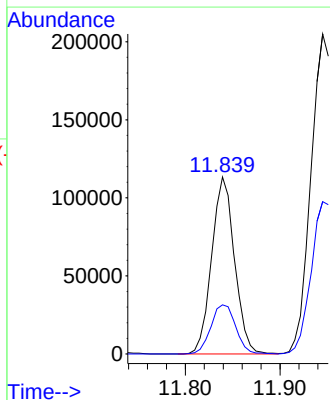
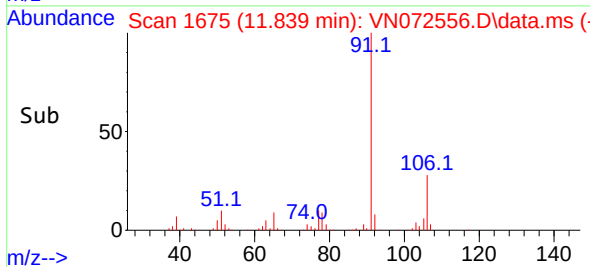
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022

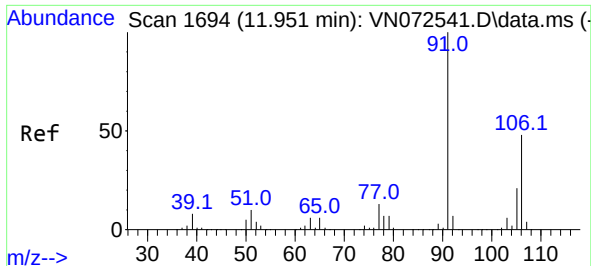


#67
Ethyl Benzene
Concen: 14.408 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072556.D
Acq: 19 May 2022 15:37



Tgt Ion: 91 Resp: 189930
Ion Ratio Lower Upper
91 100
106 27.7 24.9 37.3





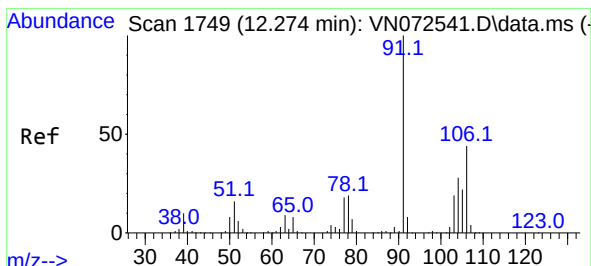
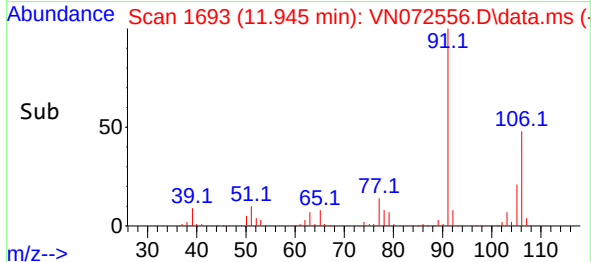
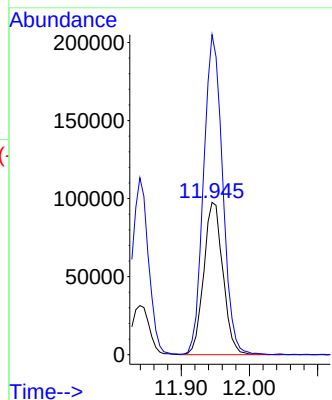
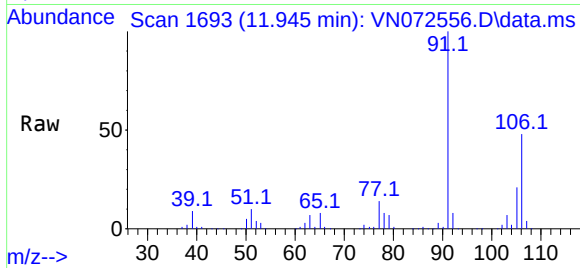
#68
m/p-Xylenes
Concen: 37.655 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072556.D
Acq: 19 May 2022 15:37

Instrument :
MSVOA_N
ClientSampleId :
DUP051022DL

Tgt Ion:106 Resp: 191092
Ion Ratio Lower Upper
106 100
91 208.4 158.9 238.3

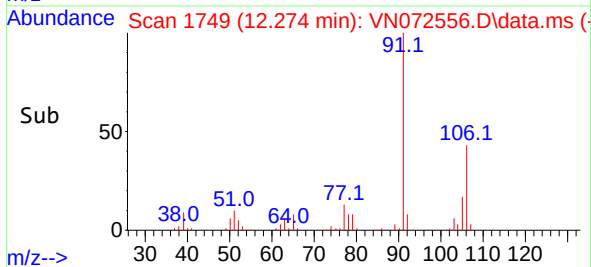
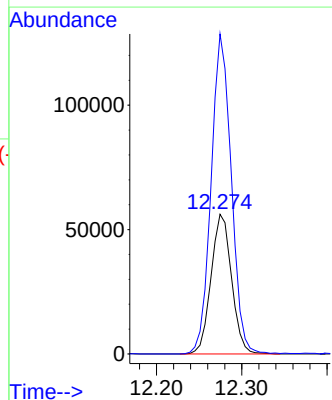
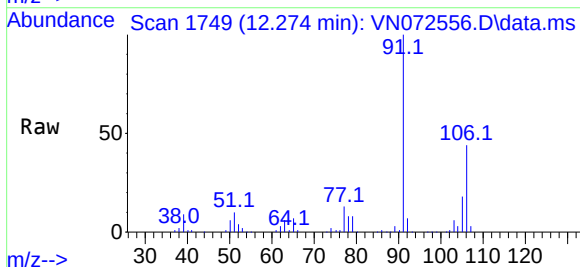
Manual Integrations
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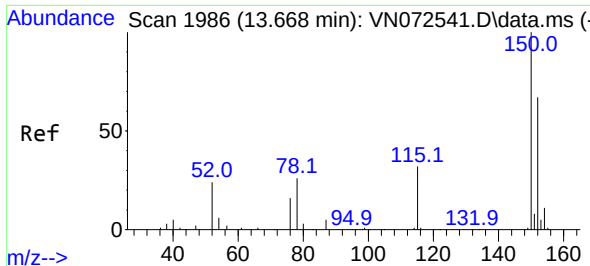
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022



#69
o-Xylene
Concen: 18.177 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072556.D
Acq: 19 May 2022 15:37

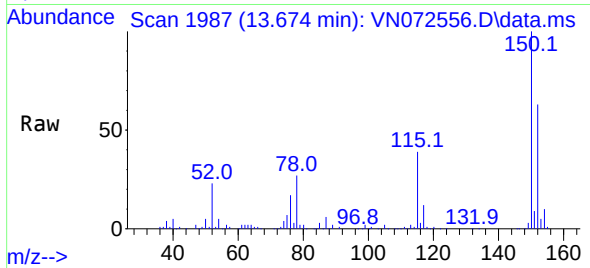
Tgt Ion:106 Resp: 93972
Ion Ratio Lower Upper
106 100
91 225.3 106.0 318.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN072556.D
Acq: 19 May 2022 15:37

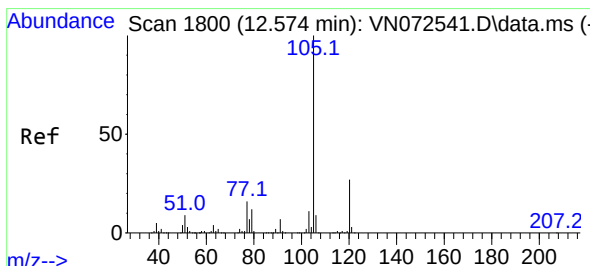
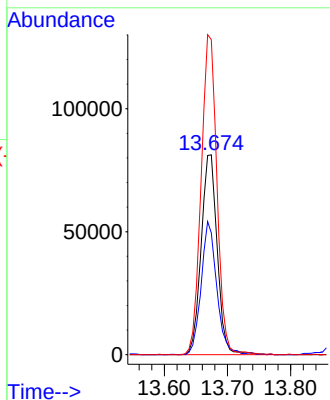
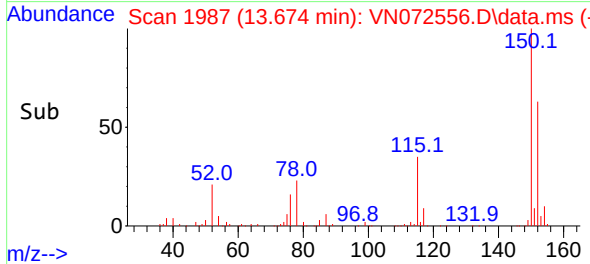
Instrument :
MSVOA_N
ClientSampleId :
DUP051022DL



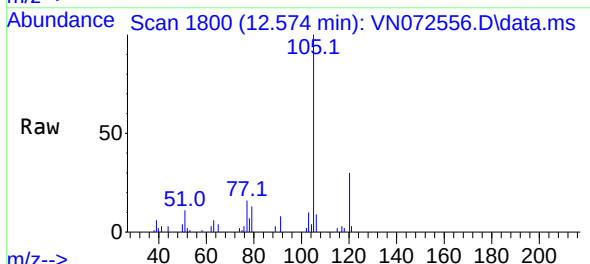
Tgt Ion:152 Resp: 144012
Ion Ratio Lower Upper
152 100
115 64.4 28.9 86.7
150 157.4 0.0 356.2

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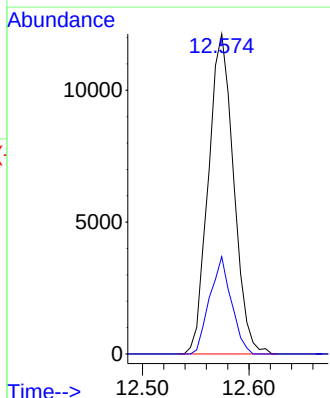
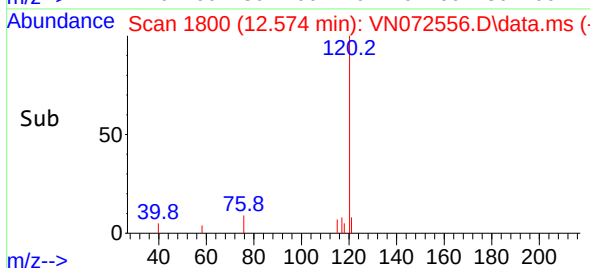
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022

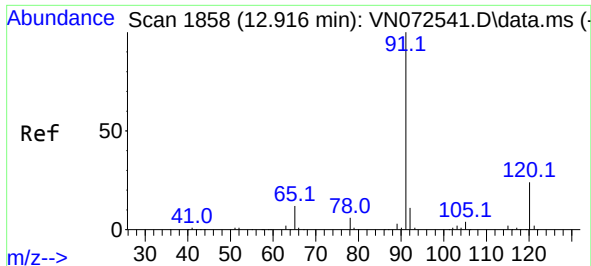


#73
Isopropylbenzene
Concen: 1.680 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072556.D
Acq: 19 May 2022 15:37



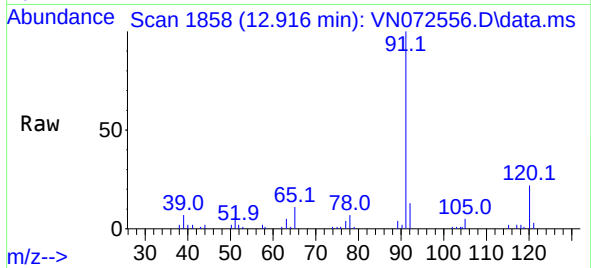
Tgt Ion:105 Resp: 20003
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4





#78
n-propylbenzene
Concen: 3.070 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072556.D
Acq: 19 May 2022 15:37

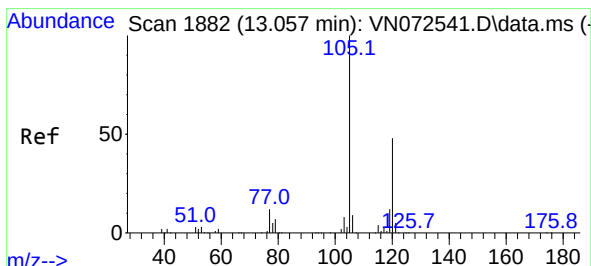
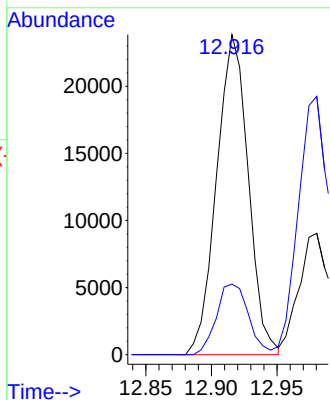
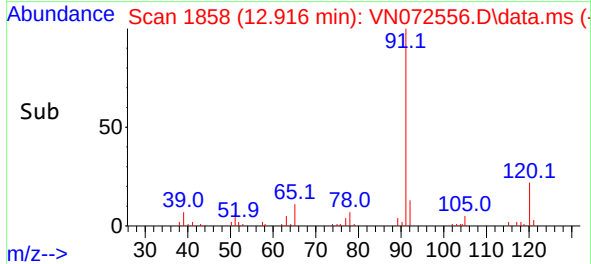
Instrument :
MSVOA_N
ClientSampleId :
DUP051022DL



Tgt Ion: 91 Resp: 39978
Ion Ratio Lower Upper
91 100
120 22.3 11.9 35.5

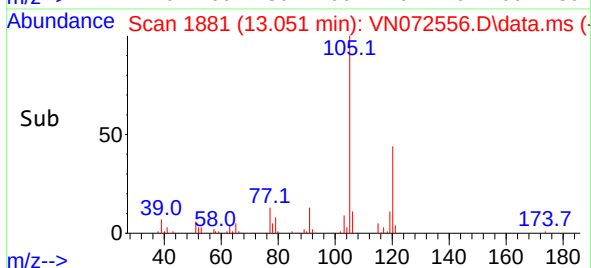
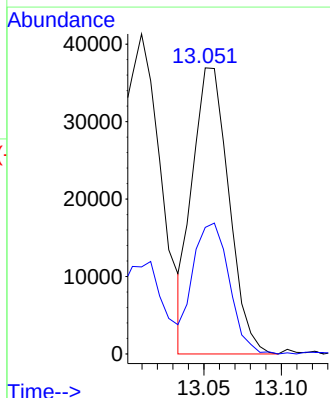
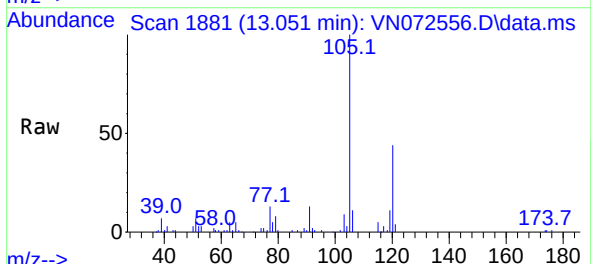
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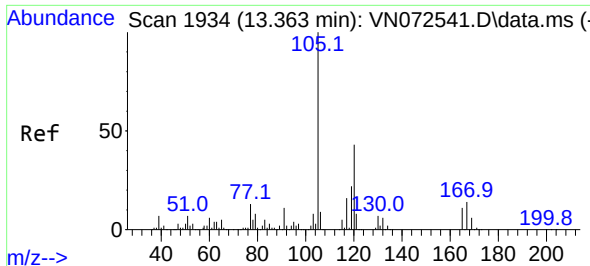
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022



#80
1,3,5-Trimethylbenzene
Concen: 5.868 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.006 min
Lab File: VN072556.D
Acq: 19 May 2022 15:37

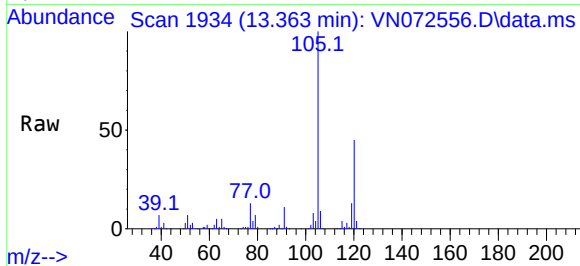
Tgt Ion:105 Resp: 60587
Ion Ratio Lower Upper
105 100
120 45.7 24.9 74.7





#84
1,2,4-Trimethylbenzene
Concen: 20.893 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072556.D
Acq: 19 May 2022 15:37

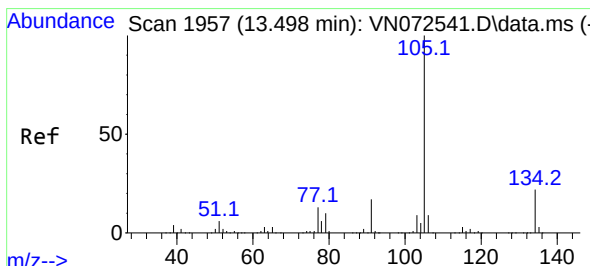
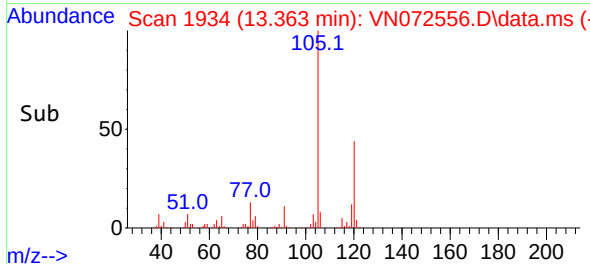
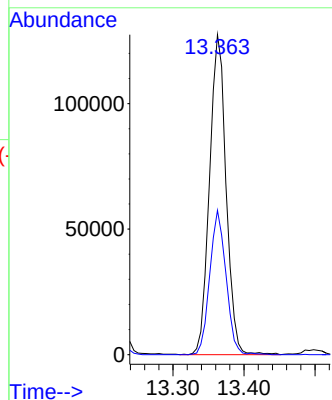
Instrument :
MSVOA_N
ClientSampleId :
DUP051022DL



Tgt Ion:105 Resp: 206940
Ion Ratio Lower Upper
105 100
120 44.1 23.3 69.8

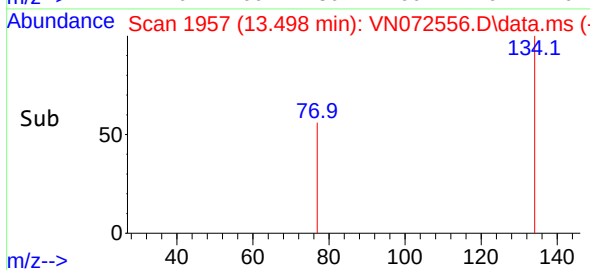
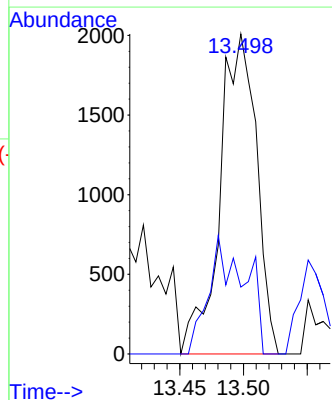
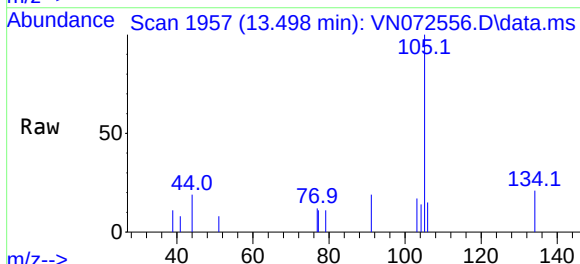
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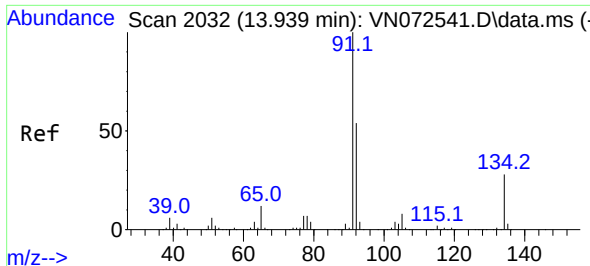
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022



#85
sec-Butylbenzene
Concen: 0.353 ug/l m
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN072556.D
Acq: 19 May 2022 15:37

Tgt Ion:105 Resp: 4017
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#





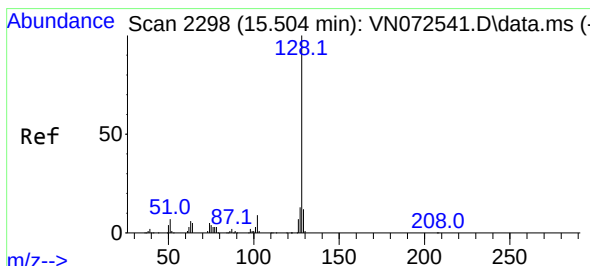
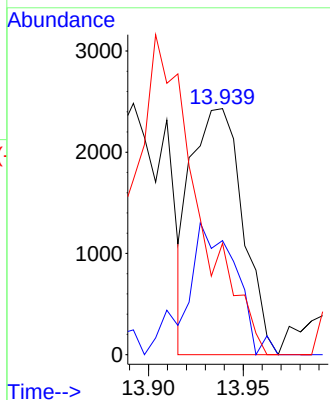
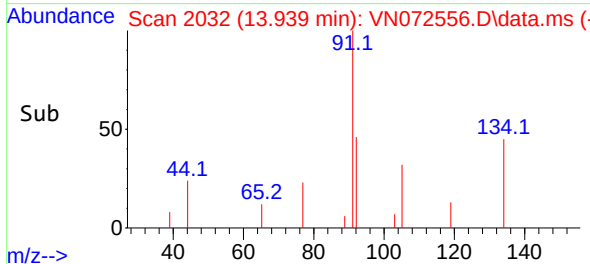
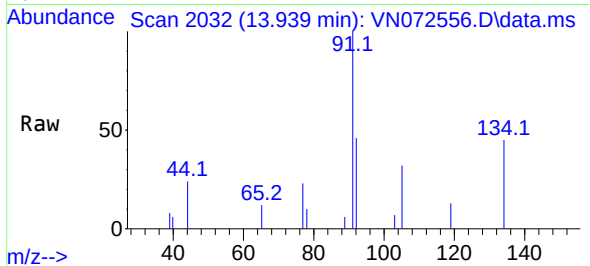
#89
n-Butylbenzene
Concen: 0.651 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072556.D
Acq: 19 May 2022 15:37

Instrument :
MSVOA_N
ClientSampleId :
DUP051022DL

Tgt Ion: 91 Resp: 461
Ion Ratio Lower Upper
91 100
92 50.8 26.9 80.7
134 0.0 13.6 40.8

Manual Integrations
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Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022



#95
Naphthalene
Concen: 3.832 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN072556.D
Acq: 19 May 2022 15:37

Tgt Ion:128 Resp: 24312
Ion Ratio Lower Upper
128 100
127 14.1 10.3 15.5
129 12.6 8.6 13.0

