

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051222\
 Data File : VN072463.D
 Acq On : 12 May 2022 19:21
 Operator : JC\MD
 Sample : N2800-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP051122

Quant Time: May 13 02:49:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	219575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	351772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	316829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	140166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	173321	51.535	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.080%			
35) Dibromofluoromethane	8.022	113	116568	49.808	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.620%			
50) Toluene-d8	10.439	98	442946	49.696	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.400%			
62) 4-Bromofluorobenzene	12.727	95	158725	53.621	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.240%			
Target Compounds					Qvalue	
25) 2-Butanone	7.339	43	15262	7.260	ug/l #	87
31) Cyclohexane	8.092	56	150461	33.763	ug/l	94
39) Methylcyclohexane	9.457	83	132453	35.061	ug/l	93
52) Toluene	10.504	92	6990	1.129	ug/l	92
67) Ethyl Benzene	11.839	91	52784	4.726	ug/l	98
68) m/p-Xylenes	11.945	106	588831	139.011	ug/l	94
69) o-Xylene	12.274	106	611385	146.902	ug/l	93
73) Isopropylbenzene	12.574	105	131156	11.295	ug/l	96
78) n-propylbenzene	12.916	91	76354	6.145	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	835510	87.856	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	2207064	238.572	ug/l	96
85) sec-Butylbenzene	13.498	105	44573m	4.014	ug/l	
86) p-Isopropyltoluene	13.610	119	29951	3.463	ug/l	96
89) n-Butylbenzene	13.939	91	44931m	6.796	ug/l	
95) Naphthalene	15.498	128	369748	54.863	ug/l	99

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

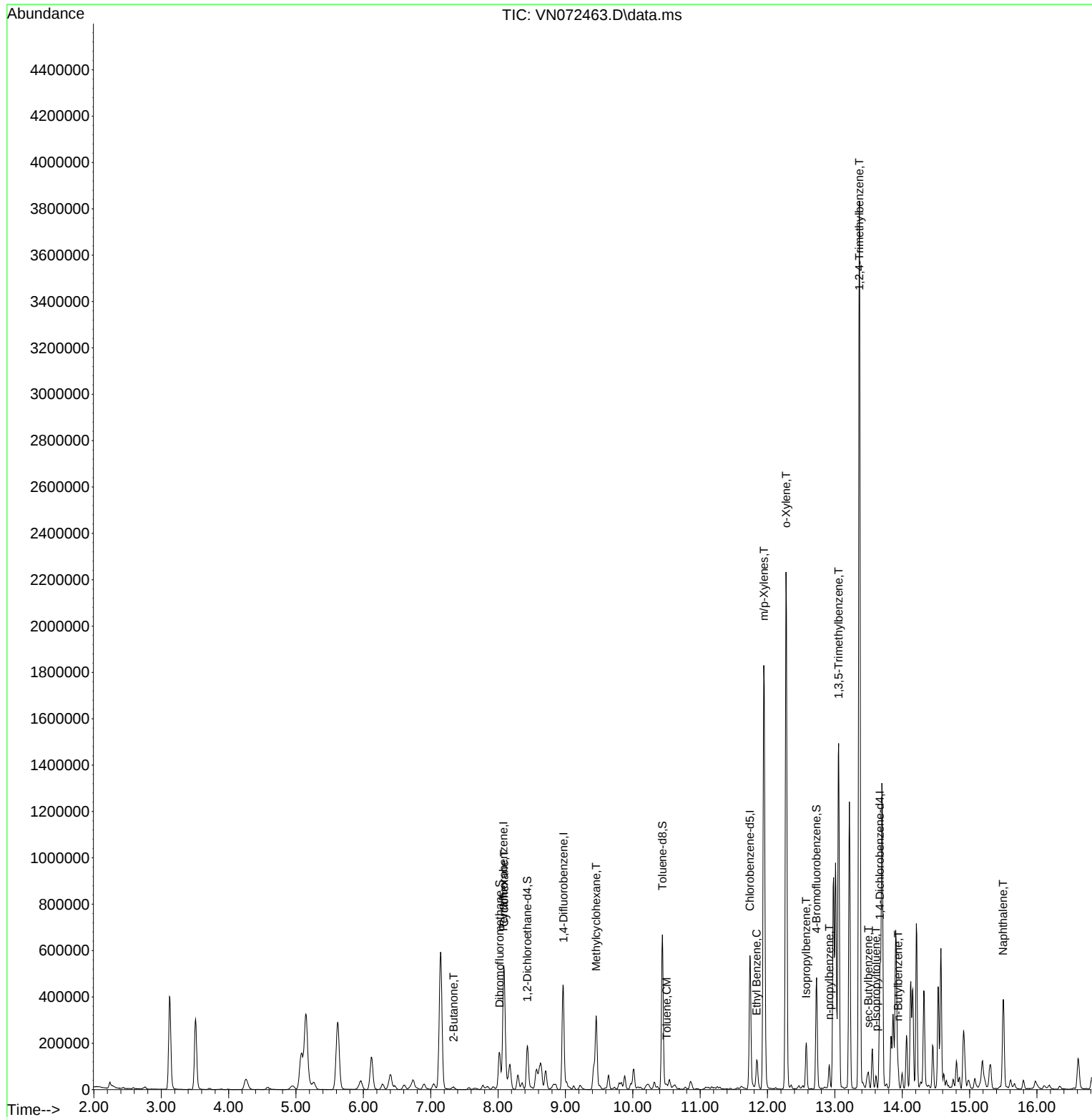
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051222\
Data File : VN072463.D
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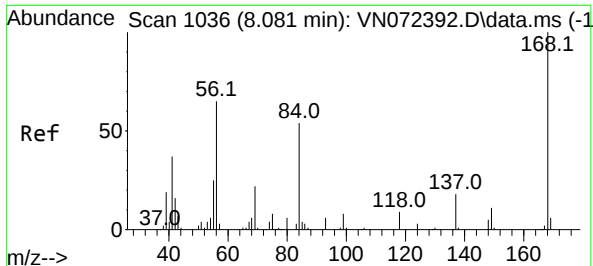
Instrument :
MSVOA_N
ClientSampleId :
DUP051122

Quant Time: May 13 02:49:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
Quant Title : SW846 8260
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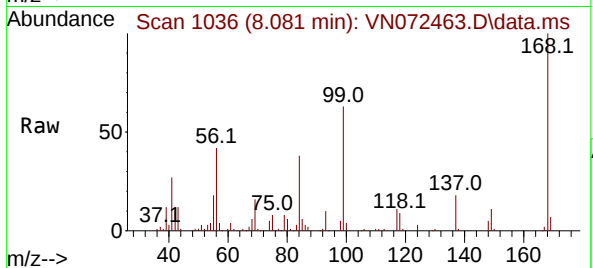
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

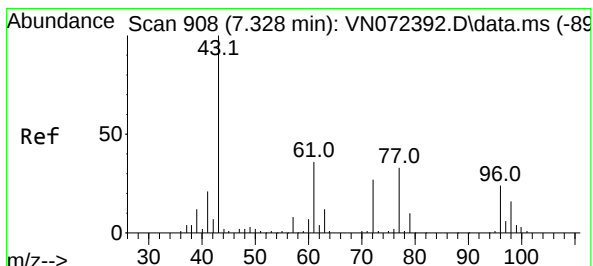
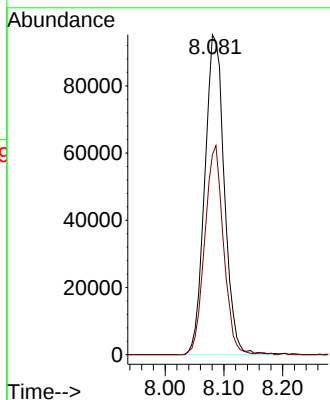
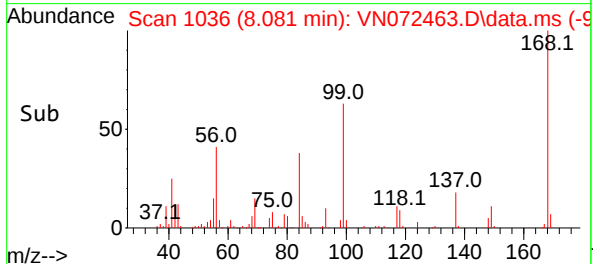
Instrument :
MSVOA_N
ClientSampleId :
DUP051122



Tgt Ion:168 Resp: 21957
Ion Ratio Lower Upper
168 100
99 62.6 42.3 63.5

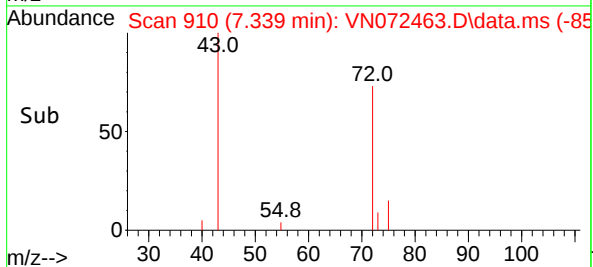
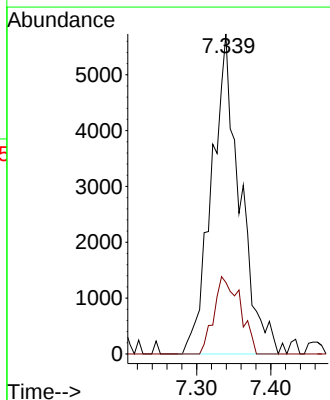
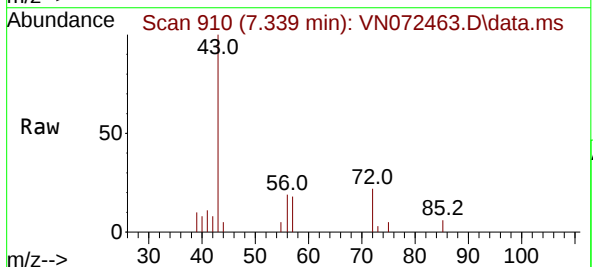
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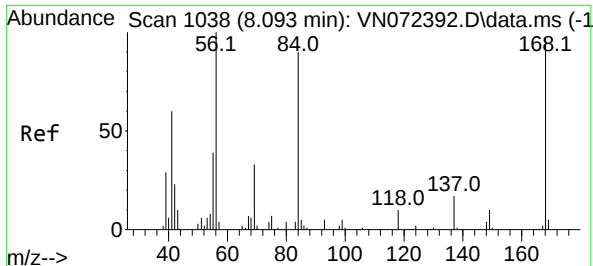
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#25
2-Butanone
Concen: 7.260 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.011 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

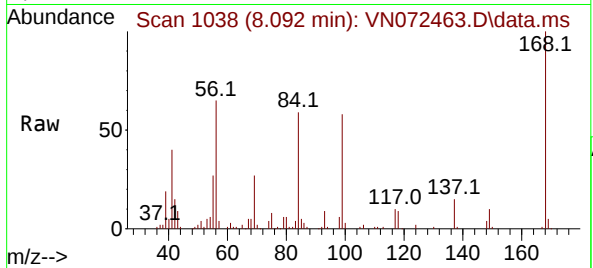
Tgt Ion: 43 Resp: 15262
Ion Ratio Lower Upper
43 100
72 22.4 23.7 35.5#





#31
Cyclohexane
Concen: 33.763 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.001 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

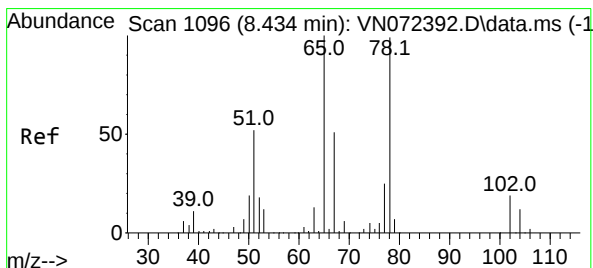
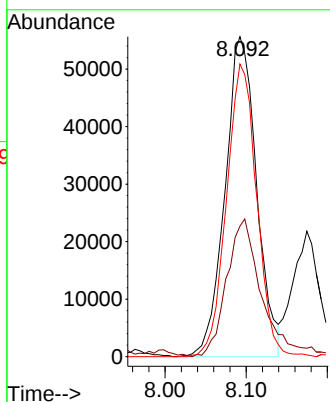
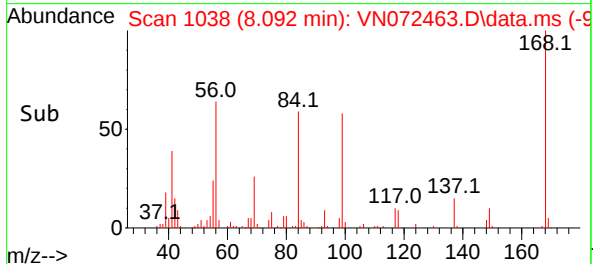
Instrument :
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ClientSampleId :
DUP051122



Tgt Ion: 56 Resp: 15046
Ion Ratio Lower Upper
56 100
69 40.3 27.8 41.8
84 91.5 76.9 115.3

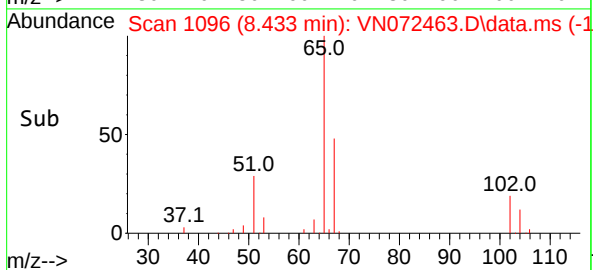
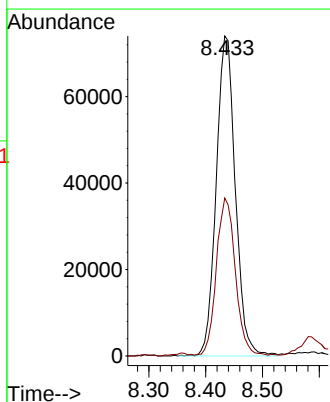
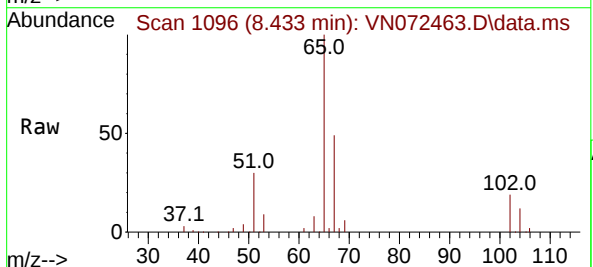
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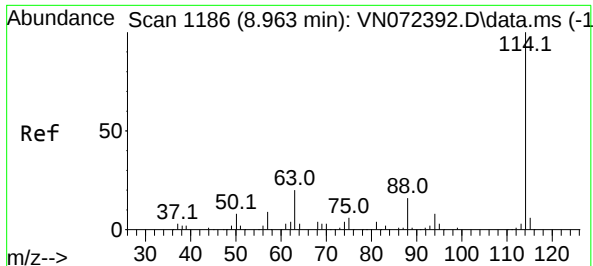
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#33
1,2-Dichloroethane-d4
Concen: 51.535 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

Tgt Ion: 65 Resp: 173321
Ion Ratio Lower Upper
65 100
67 48.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1186

Delta R.T. 0.006 min

Lab File: VN072463.D

Acq: 12 May 2022 19:21

Instrument :

MSVOA_N

ClientSampleId :

DUP051122

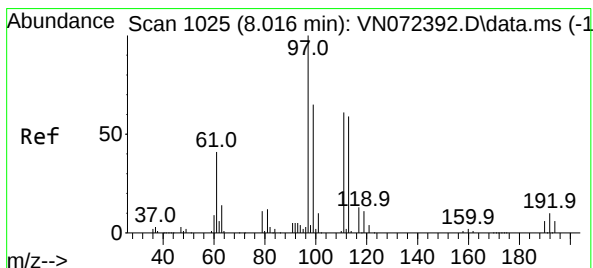
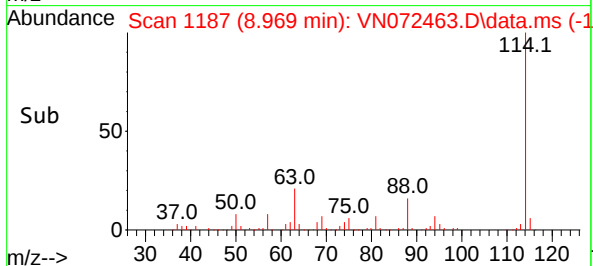
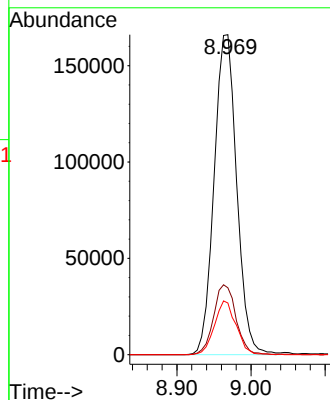
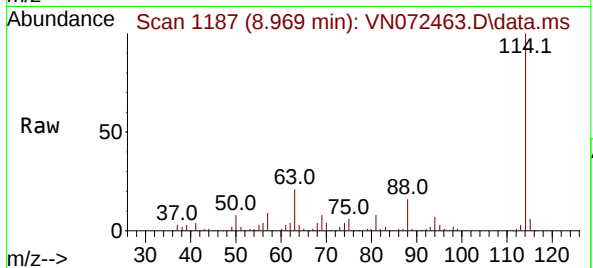
Tgt Ion:114	Resp:	351772
Ion Ratio	Lower	Upper
114	100	
63	20.9	0.0 40.0
88	16.2	0.0 32.6

Manual Integrations

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Supervised By :Mahesh Dadoda 05/13/2022



#35

Dibromofluoromethane

Concen: 49.808 ug/l

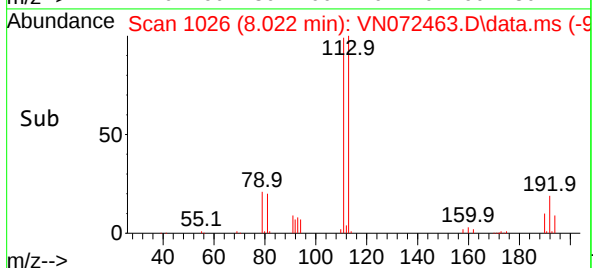
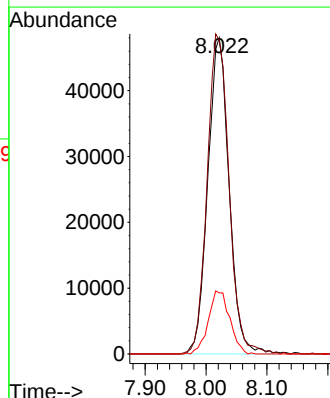
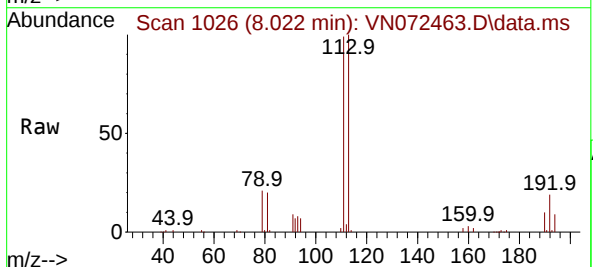
RT: 8.022 min Scan# 1026

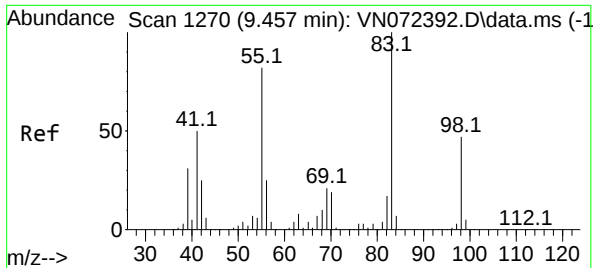
Delta R.T. 0.006 min

Lab File: VN072463.D

Acq: 12 May 2022 19:21

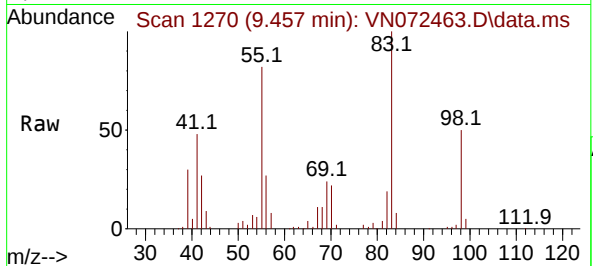
Tgt Ion:113	Resp:	116568
Ion Ratio	Lower	Upper
113	100	
111	103.9	81.4 122.0
192	20.1	17.0 25.6





#39
Methylcyclohexane
Concen: 35.061 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

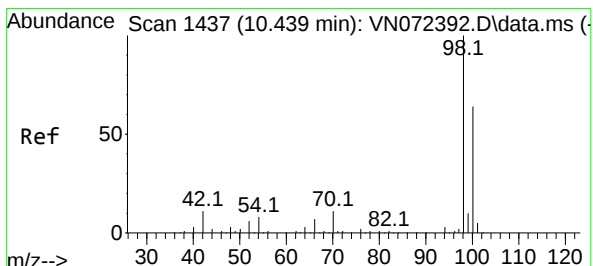
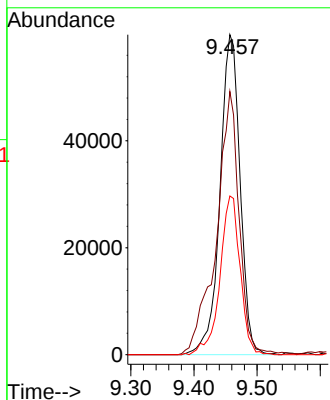
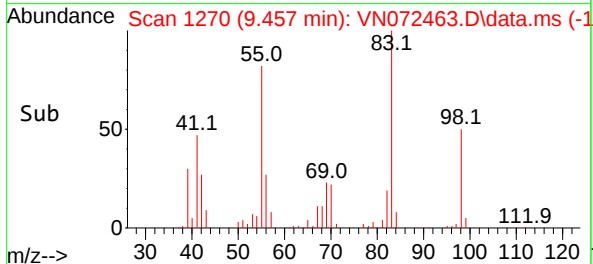
Instrument :
MSVOA_N
ClientSampleId :
DUP051122



Tgt Ion: 83 Resp: 13245
Ion Ratio Lower Upper
83 100
55 82.2 57.8 86.8
98 49.6 39.4 59.2

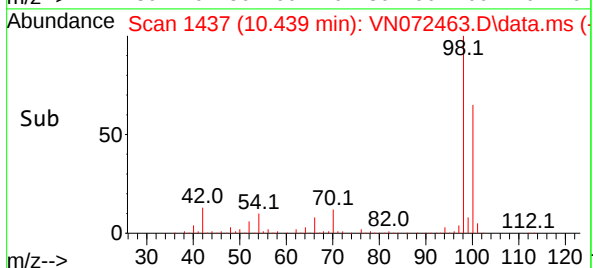
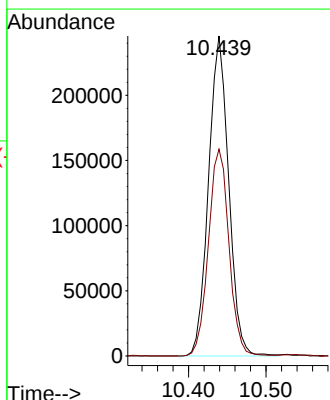
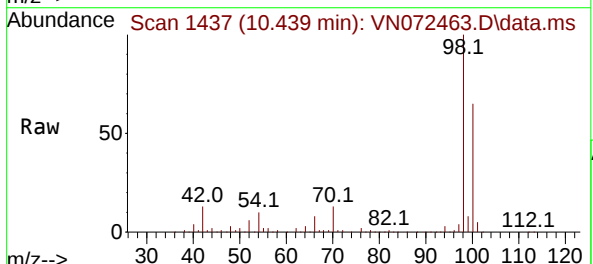
Manual Integrations
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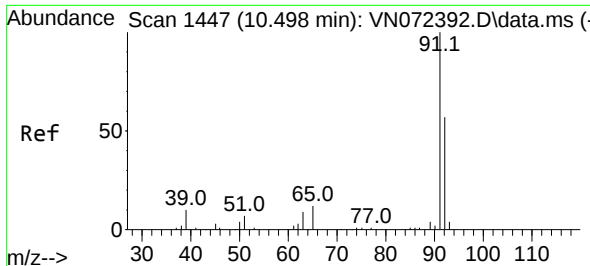
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#50
Toluene-d8
Concen: 49.696 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

Tgt Ion: 98 Resp: 442946
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8





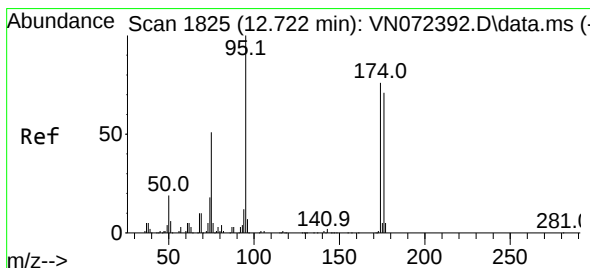
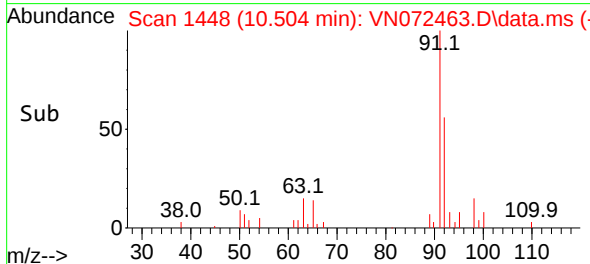
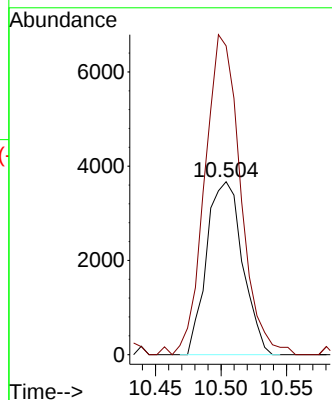
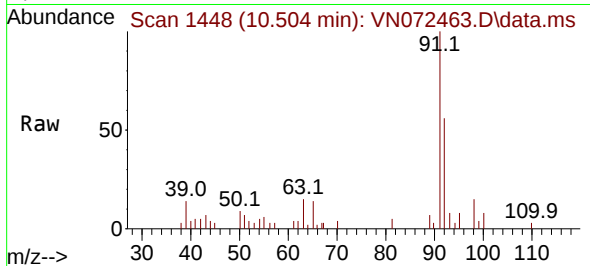
#52
Toluene
Concen: 1.129 ug/l
RT: 10.504 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

Instrument :
MSVOA_N
ClientSampleId :
DUP051122

Tgt Ion: 92 Resp: 6990
Ion Ratio Lower Upper
92 100
91 184.3 138.6 207.8

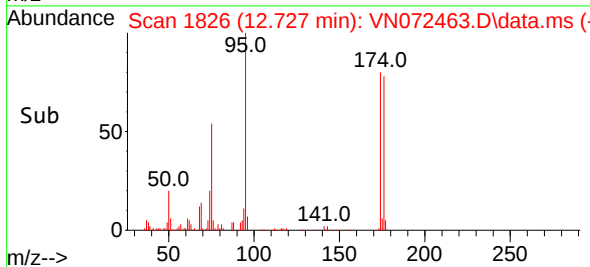
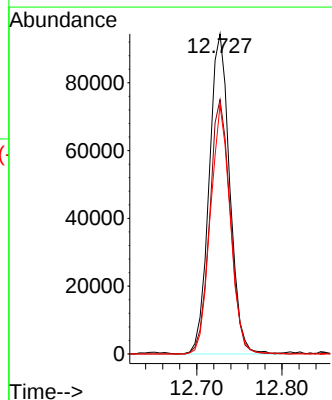
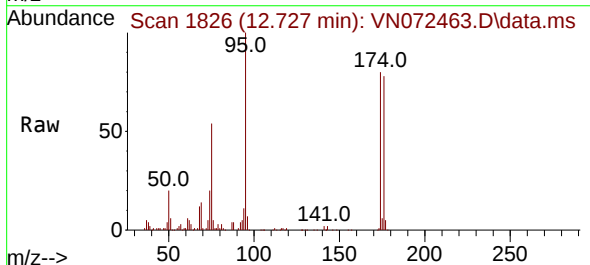
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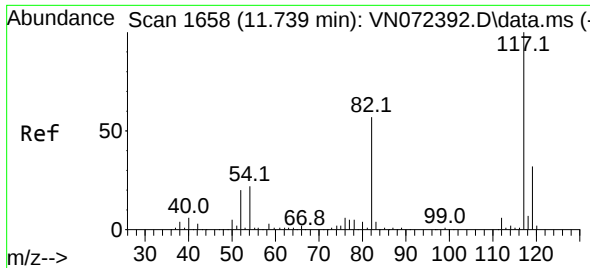
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#62
4-Bromofluorobenzene
Concen: 53.621 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

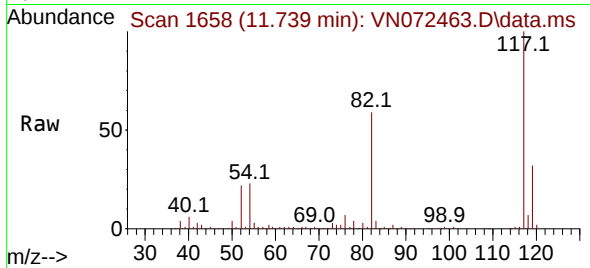
Tgt Ion: 95 Resp: 158725
Ion Ratio Lower Upper
95 100
174 79.3 0.0 167.6
176 75.1 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

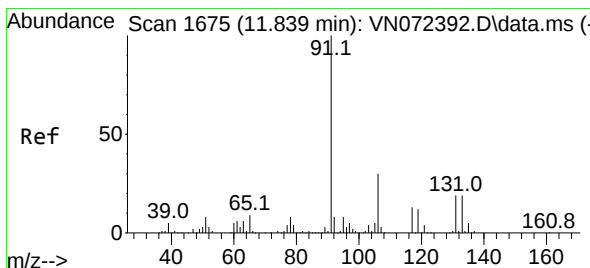
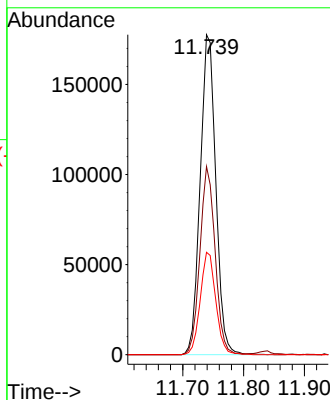
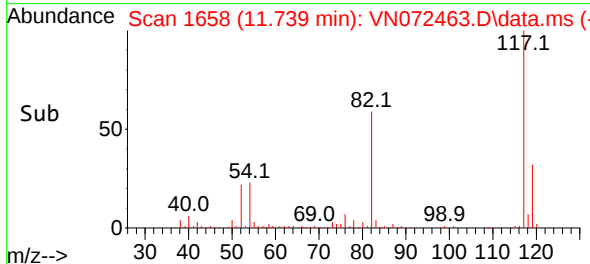
Instrument :
MSVOA_N
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DUP051122



Tgt Ion: 117 Resp: 316829
Ion Ratio Lower Upper
117 100
82 58.8 44.2 66.2
119 32.0 25.4 38.0

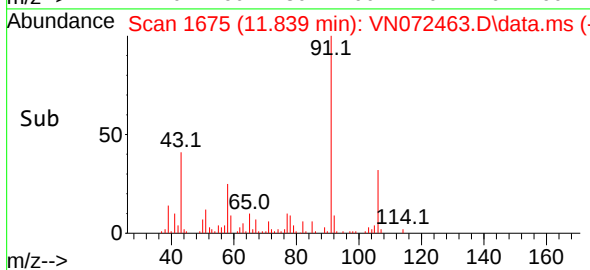
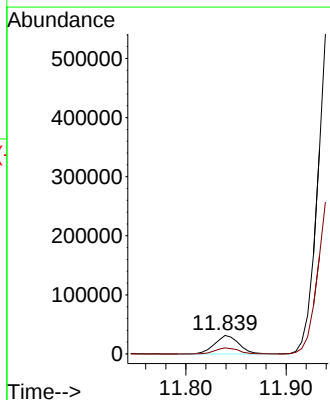
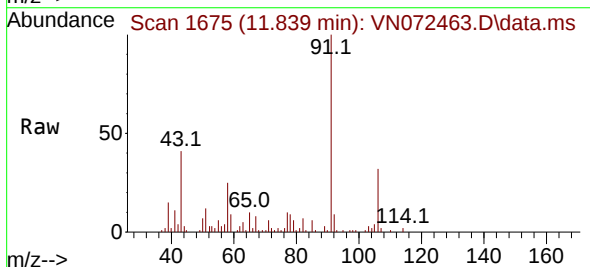
Manual Integrations
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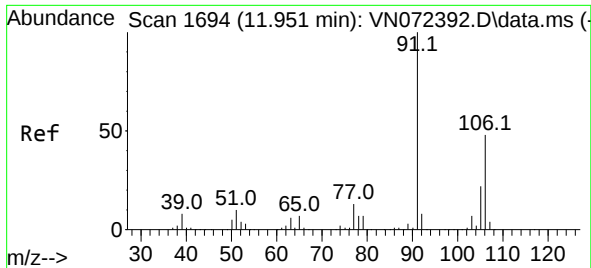
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#67
Ethyl Benzene
Concen: 4.726 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

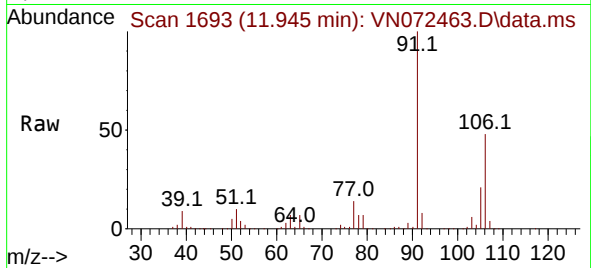
Tgt Ion: 91 Resp: 52784
Ion Ratio Lower Upper
91 100
106 32.4 24.9 37.3





#68
m/p-Xylenes
Concen: 139.011 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

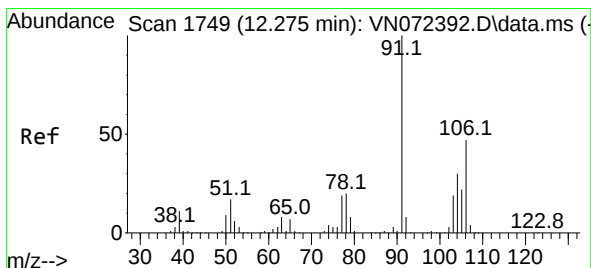
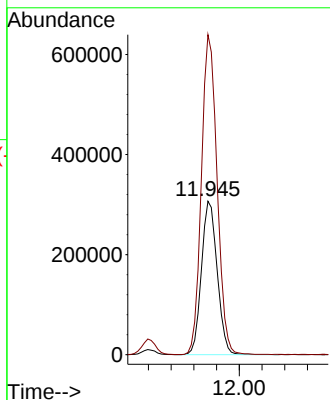
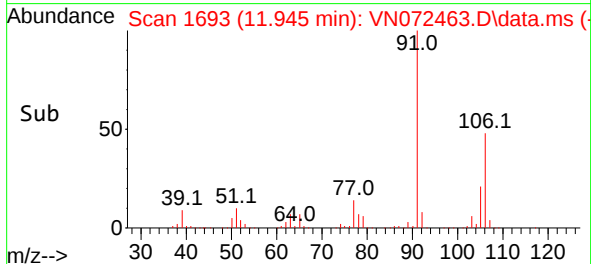
Instrument :
MSVOA_N
ClientSampleId :
DUP051122



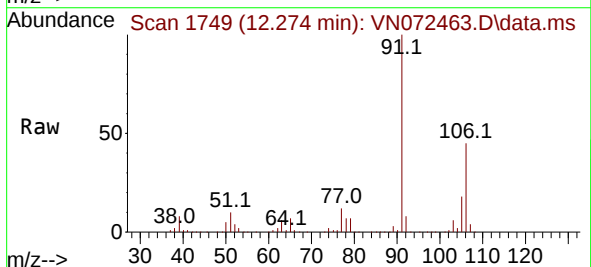
Tgt Ion:106 Resp: 58883
Ion Ratio Lower Upper
106 100
91 207.8 158.9 238.3

Manual Integrations
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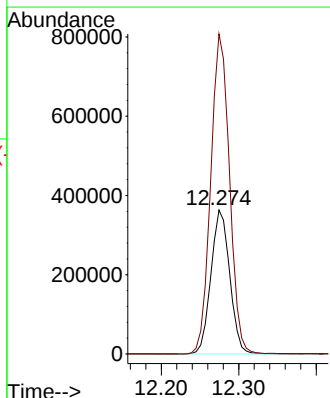
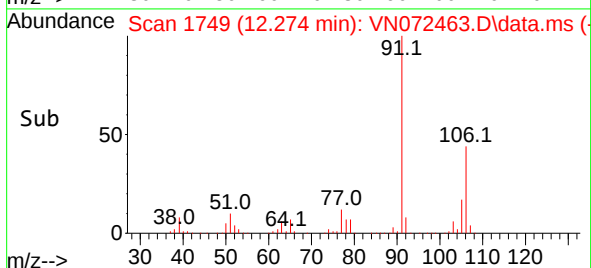
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

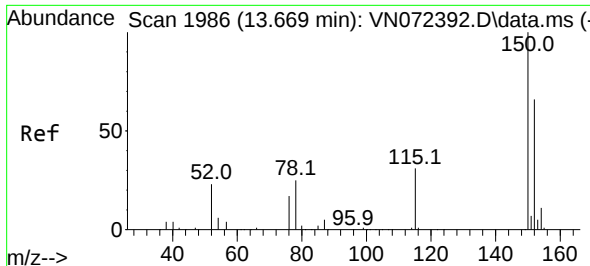


#69
o-Xylene
Concen: 146.902 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21



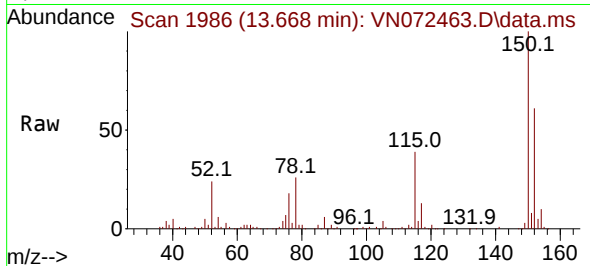
Tgt Ion:106 Resp: 611385
Ion Ratio Lower Upper
106 100
91 222.5 106.0 318.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

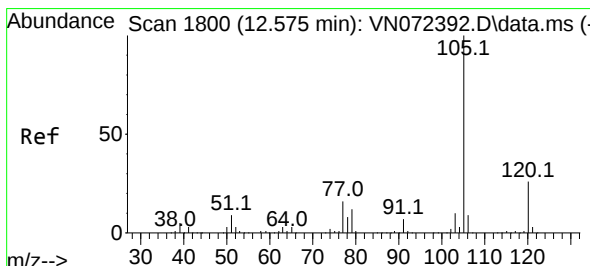
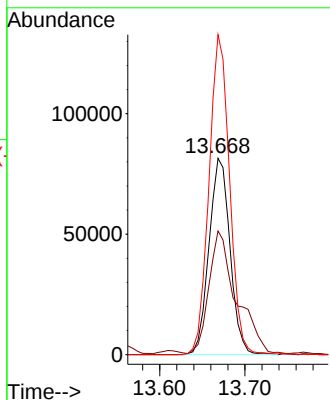
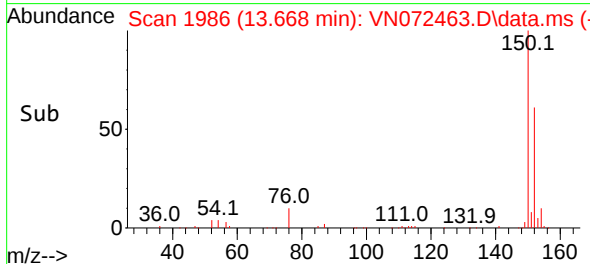
Instrument :
MSVOA_N
ClientSampleId :
DUP051122



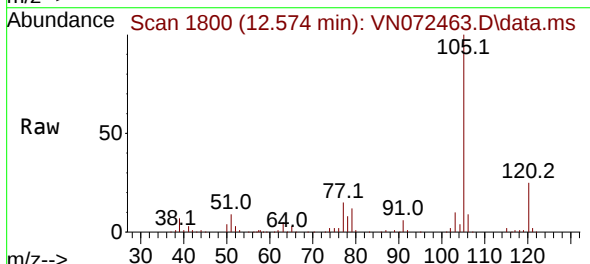
Tgt Ion:152 Resp: 140160
Ion Ratio Lower Upper
152 100
115 81.4 28.9 86.7
150 159.7 0.0 356.2

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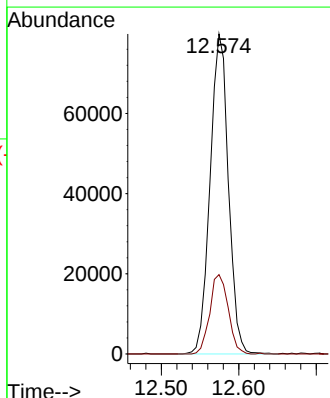
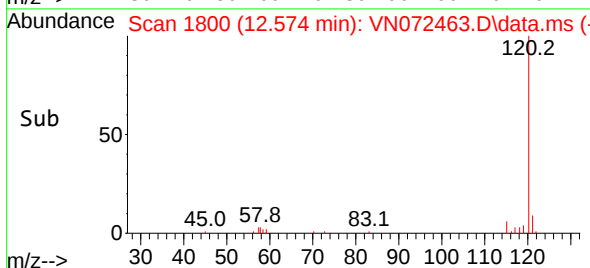
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

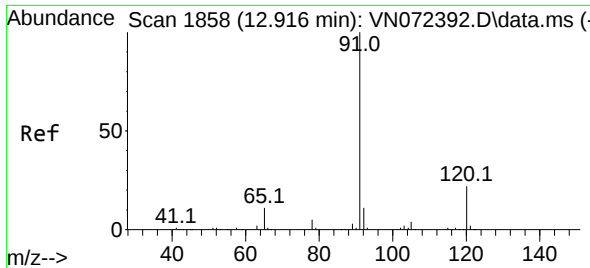


#73
Isopropylbenzene
Concen: 11.295 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21



Tgt Ion:105 Resp: 131156
Ion Ratio Lower Upper
105 100
120 24.9 13.5 40.4





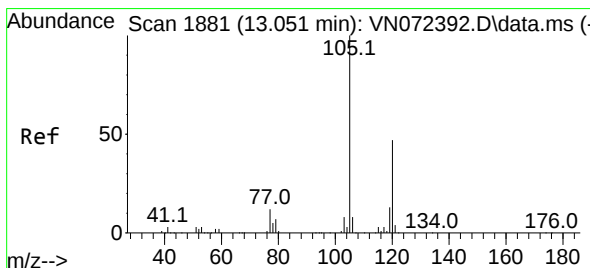
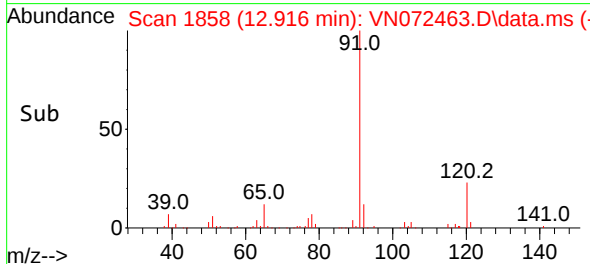
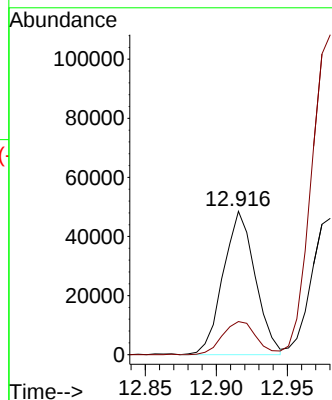
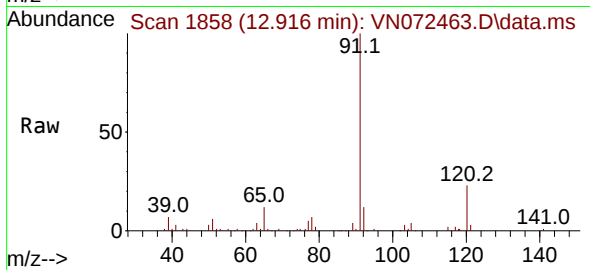
#78
n-propylbenzene
Concen: 6.145 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

Instrument :
MSVOA_N
ClientSampleId :
DUP051122

Tgt Ion: 91 Resp: 76354
Ion Ratio Lower Upper
91 100
120 24.5 11.9 35.5

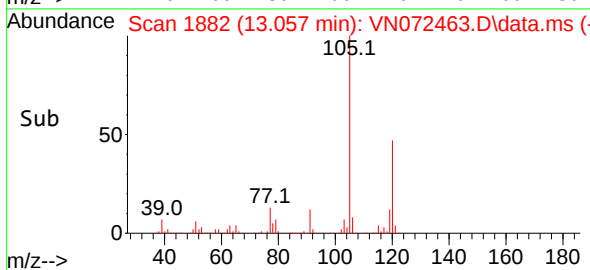
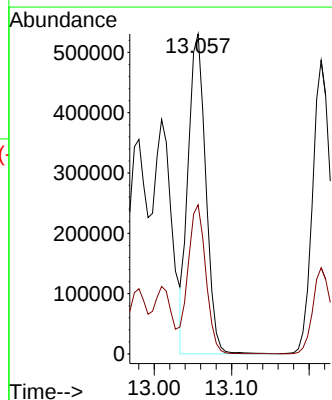
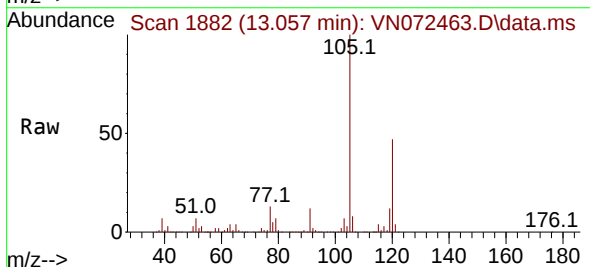
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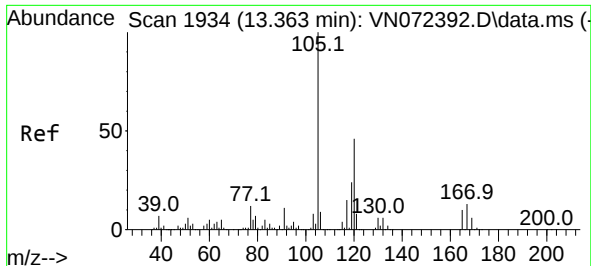
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 87.856 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

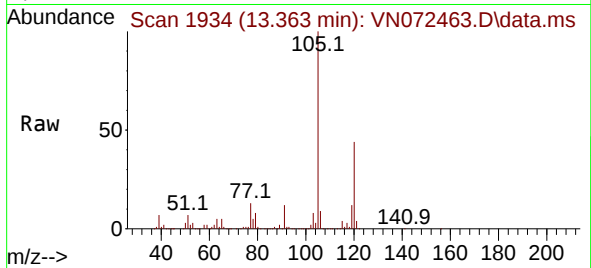
Tgt Ion:105 Resp: 835510
Ion Ratio Lower Upper
105 100
120 48.3 24.9 74.7





#84
1,2,4-Trimethylbenzene
Concen: 238.572 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

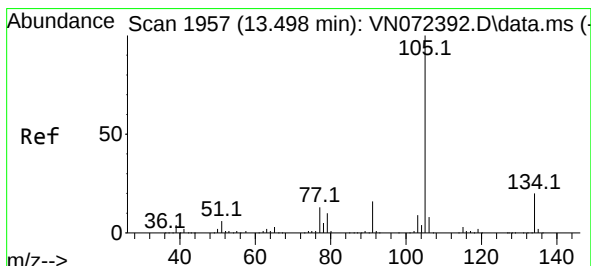
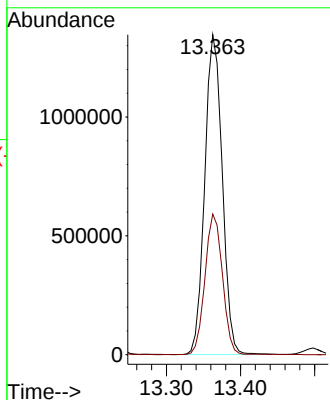
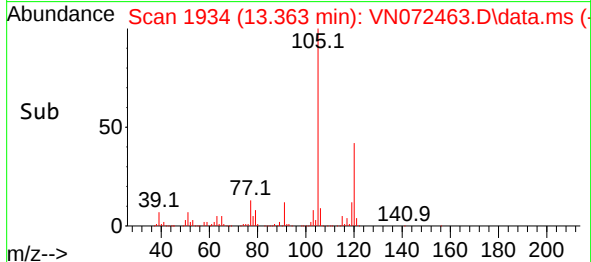
Instrument :
MSVOA_N
ClientSampleId :
DUP051122



Tgt Ion:105 Resp: 2207064
Ion Ratio Lower Upper
105 100
120 44.0 23.3 69.8

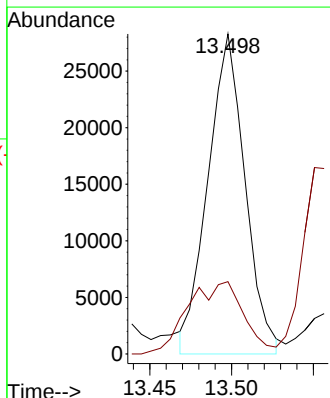
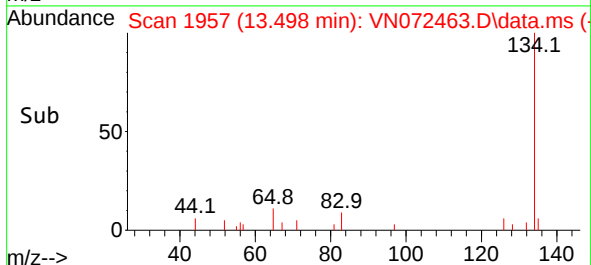
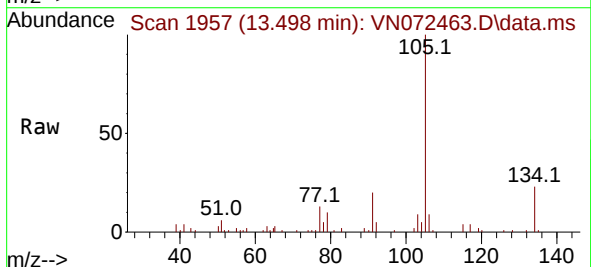
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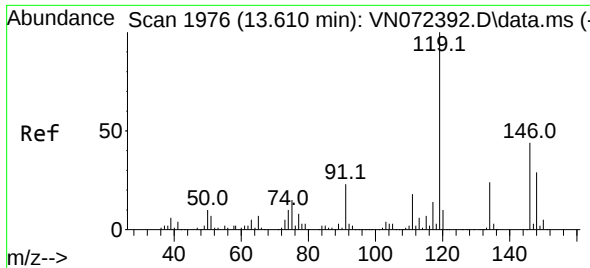
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#85
sec-Butylbenzene
Concen: 4.014 ug/l m
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

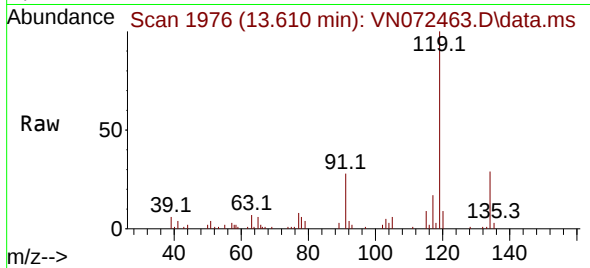
Tgt Ion:105 Resp: 44573
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#





#86
p-Isopropyltoluene
Concen: 3.463 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

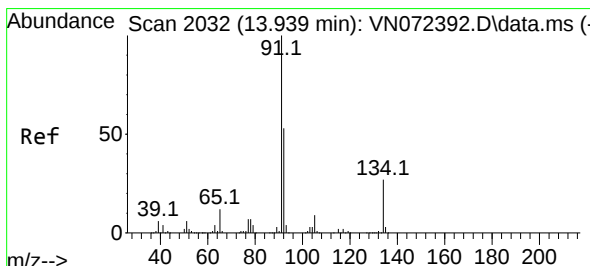
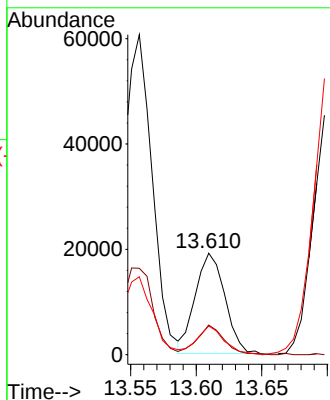
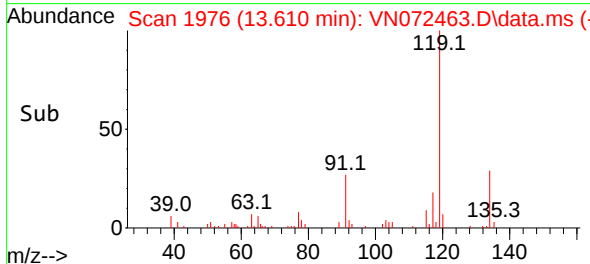
Instrument :
MSVOA_N
ClientSampleId :
DUP051122



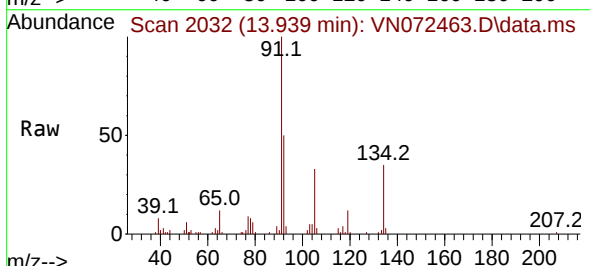
Tgt Ion: 119 Resp: 2995
Ion Ratio Lower Upper
119 100
134 26.9 13.3 39.8
91 26.6 11.3 33.9

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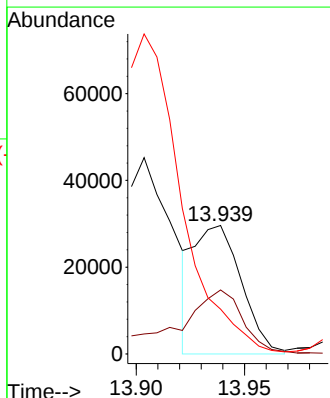
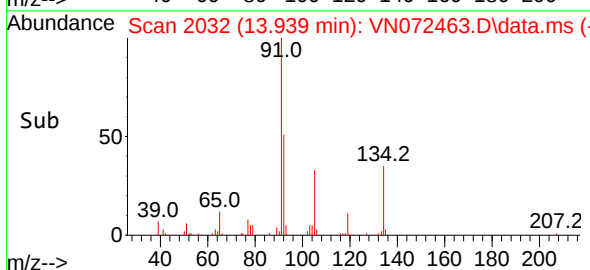
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

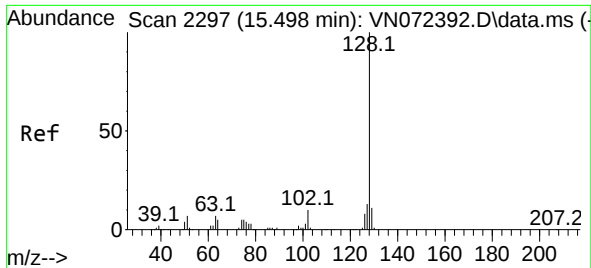


#89
n-Butylbenzene
Concen: 6.796 ug/l m
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21



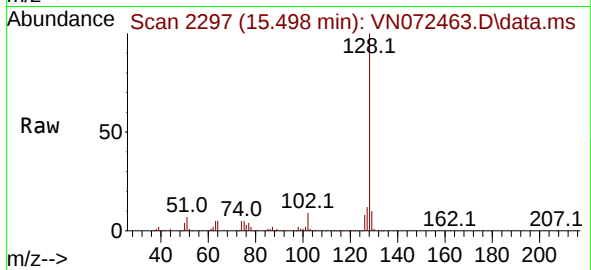
Tgt Ion: 91 Resp: 44931
Ion Ratio Lower Upper
91 100
92 0.0 26.9 80.7#
134 323.1 13.6 40.8#





#95
Naphthalene
Concen: 54.863 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

Instrument :
MSVOA_N
ClientSampleId :
DUP051122



Tgt Ion:128 Resp: 369748
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.4 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

