

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022822\
 Data File : VN071102.D
 Acq On : 28 Feb 2022 18:20
 Operator : JC\MD
 Sample : N1689-11 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP022522

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/01/2022
 Supervised By :Mahesh Dadoda 03/01/2022

Quant Time: Mar 01 04:23:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	920722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1433960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1296451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	520728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	527789	50.182	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.360%			
35) Dibromofluoromethane	8.016	113	415142	48.673	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.340%			
50) Toluene-d8	10.439	98	1755368	51.248	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.500%			
62) 4-Bromofluorobenzene	12.727	95	648790	52.991	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.980%			
Target Compounds					Qvalue	
16) Acetone	4.257	43	32488	5.609	ug/l #	64
25) 2-Butanone	7.334	43	11303	1.467	ug/l #	79
31) Cyclohexane	8.092	56	474543	26.088	ug/l	94
39) Methylcyclohexane	9.457	83	209454	11.649	ug/l	91
40) Benzene	8.457	78	471532	11.408	ug/l	100
52) Toluene	10.504	92	159328	6.134	ug/l	95
67) Ethyl Benzene	11.839	91	2779723	56.850	ug/l	98
68) m/p-Xylenes	11.945	106	1993374	105.544	ug/l	99
69) o-Xylene	12.274	106	514663	27.896	ug/l	98
73) Isopropylbenzene	12.574	105	181689	4.335	ug/l	99
78) n-propylbenzene	12.916	91	519563	11.033	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	386931	11.395	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	2277702	68.141	ug/l	99
86) p-Isopropyltoluene	13.610	119	13627m	0.391	ug/l	
95) Naphthalene	15.498	128	483469	23.684	ug/l	99

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

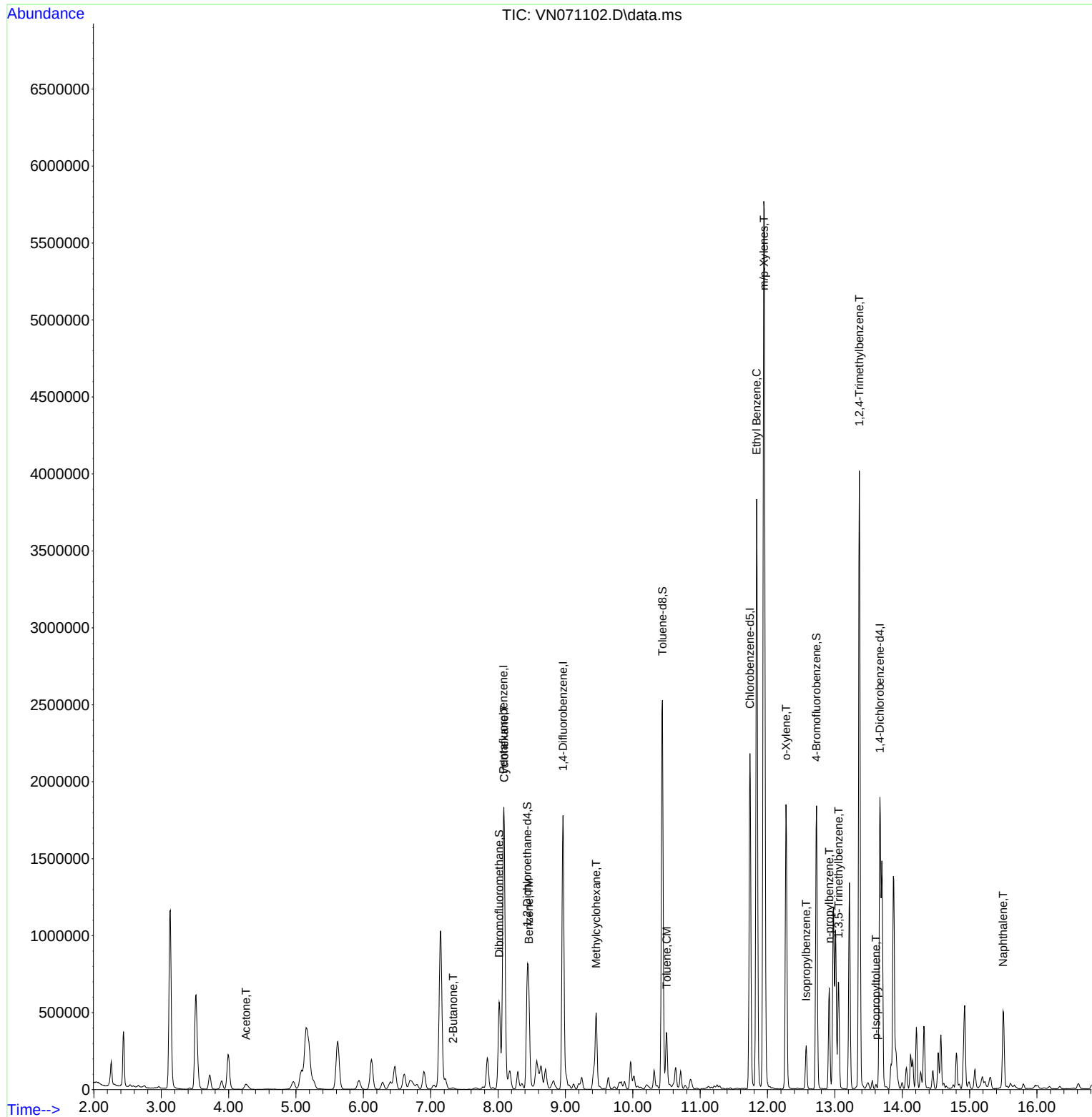
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022822\
Data File : VN071102.D
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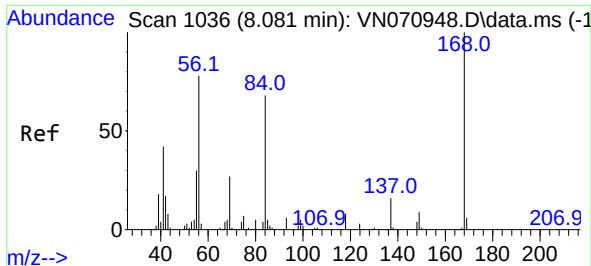
Instrument :
MSVOA_N
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DUP022522

Quant Time: Mar 01 04:23:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 21 07:57:15 2022
Response via : Initial Calibration

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APPROVED

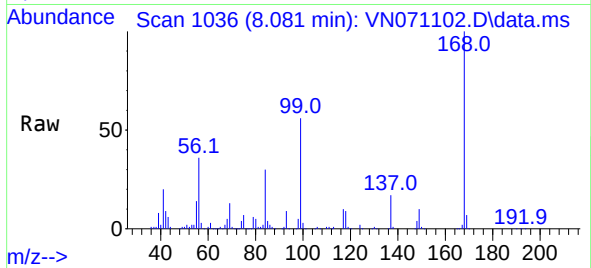
Reviewed By : John Carlone 03/01/2022
Supervised By : Mahesh Dadoda 03/01/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

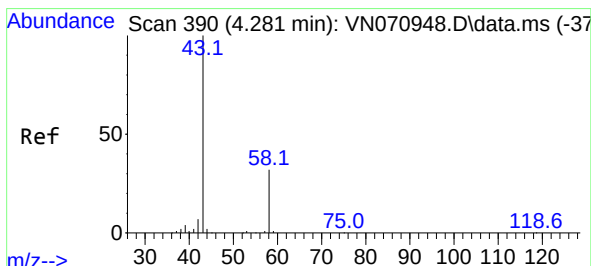
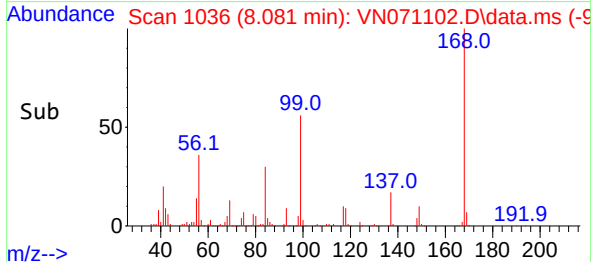
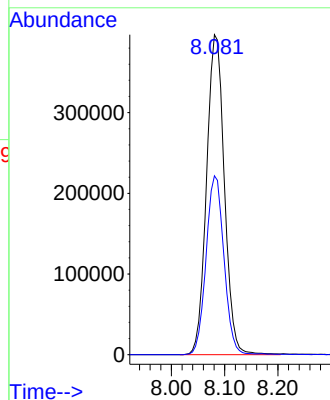
Instrument :
MSVOA_N
ClientSampleId :
DUP022522



Tgt Ion:168 Resp: 92072
Ion Ratio Lower Upper
168 100
99 55.9 41.3 61.9

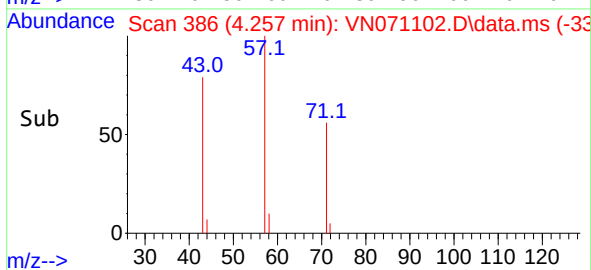
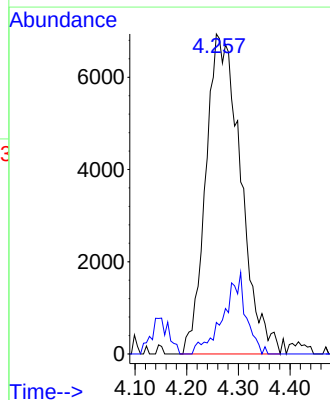
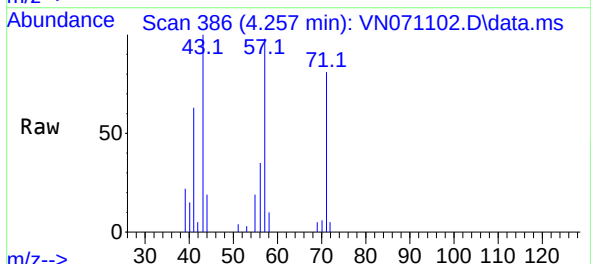
Manual Integrations
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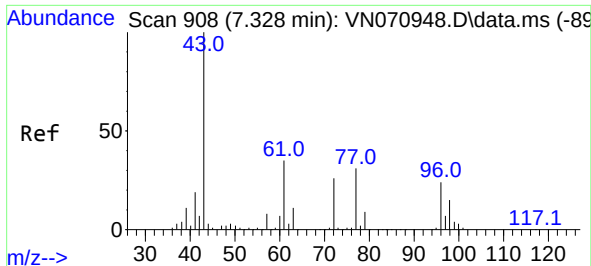
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#16
Acetone
Concen: 5.609 ug/l
RT: 4.257 min Scan# 386
Delta R.T. -0.023 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

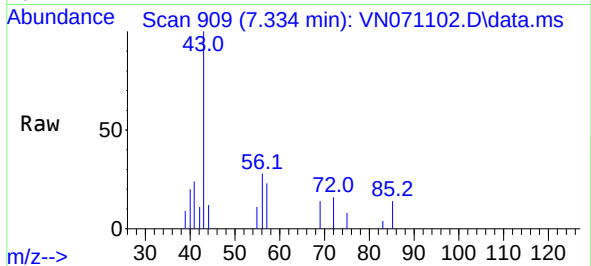
Tgt Ion: 43 Resp: 32488
Ion Ratio Lower Upper
43 100
58 9.9 23.1 34.7#





#25
2-Butanone
Concen: 1.467 ug/l
RT: 7.334 min Scan# 908
Delta R.T. 0.006 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

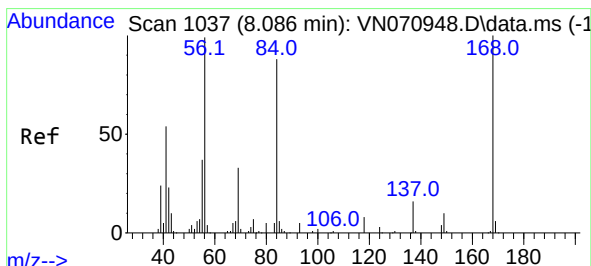
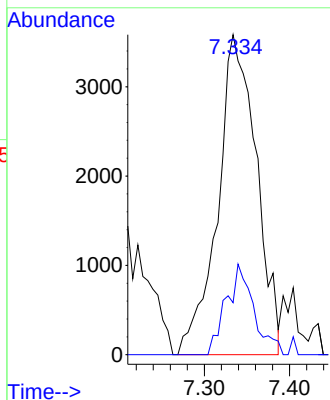
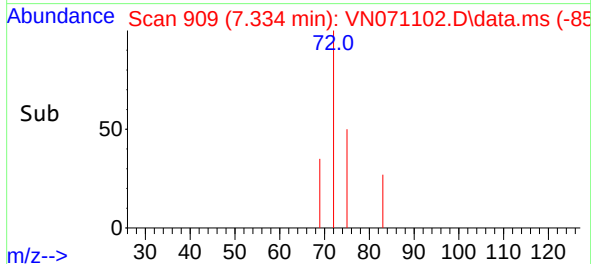
Instrument :
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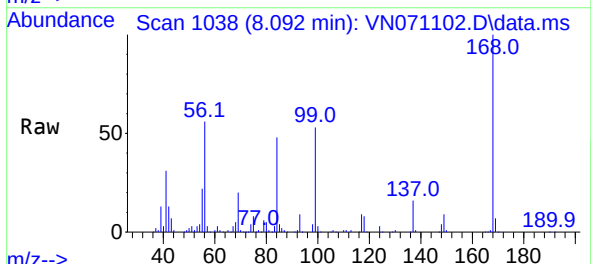
Tgt Ion: 43 Resp: 1130
Ion Ratio Lower Upper
43 100
72 16.3 21.7 32.5

Manual Integrations
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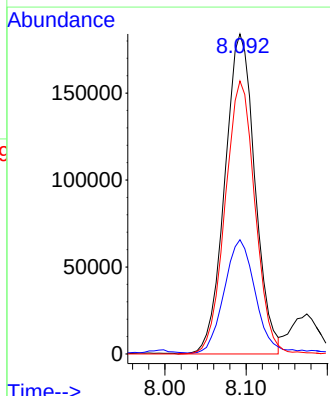
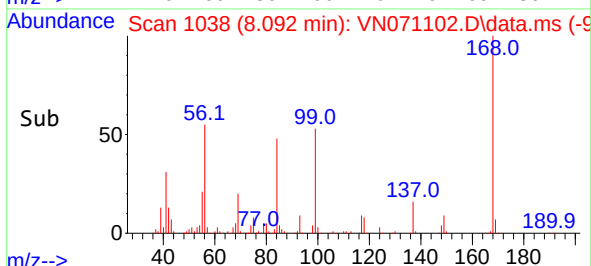
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

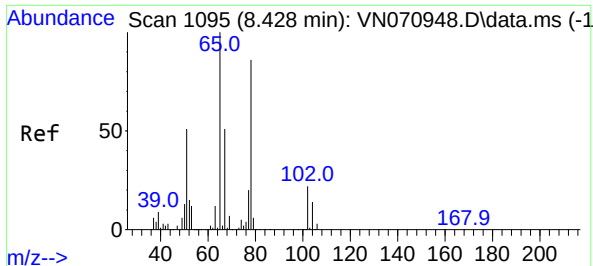


#31
Cyclohexane
Concen: 26.088 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20



Tgt Ion: 56 Resp: 474543
Ion Ratio Lower Upper
56 100
69 35.2 27.1 40.7
84 85.3 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 50.182 ug/l

RT: 8.434 min Scan# 1095

Delta R.T. 0.006 min

Lab File: VN071102.D

Acq: 28 Feb 2022 18:20

Instrument :

MSVOA_N

ClientSampleId :

DUP022522

Tgt Ion: 65 Resp: 527789

Ion Ratio Lower Upper

65 100

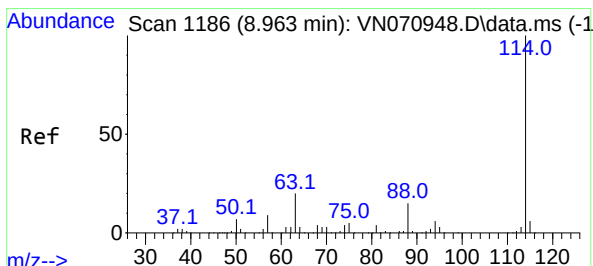
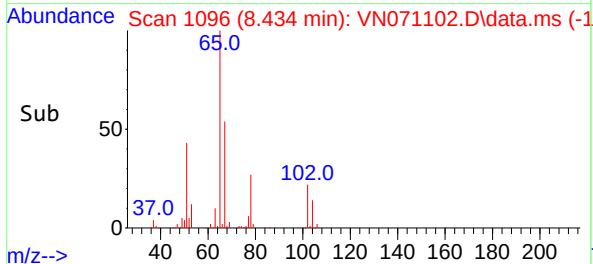
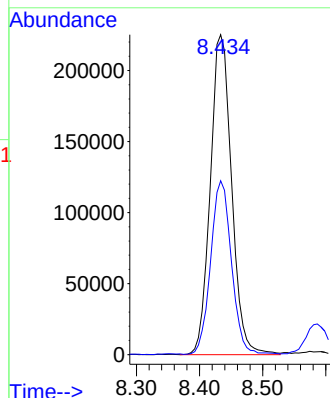
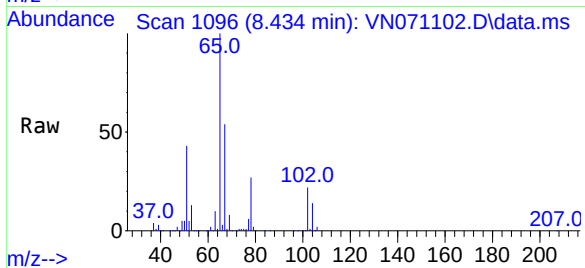
67 52.9 0.0 103.0

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: VN071102.D

Acq: 28 Feb 2022 18:20

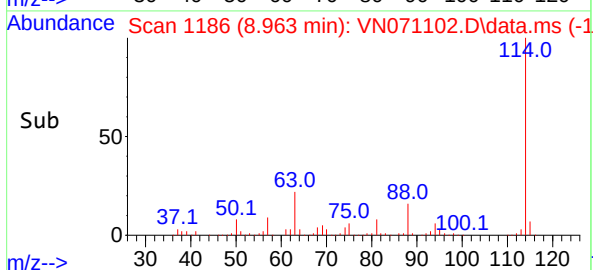
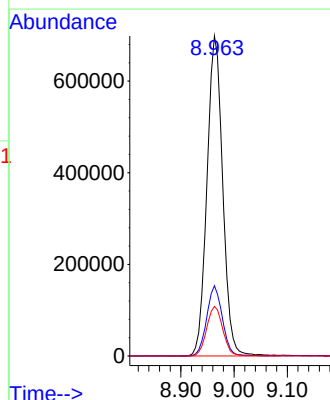
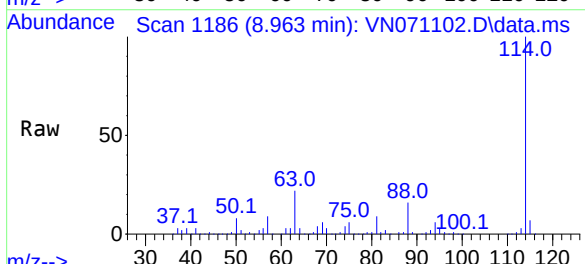
Tgt Ion:114 Resp: 1433960

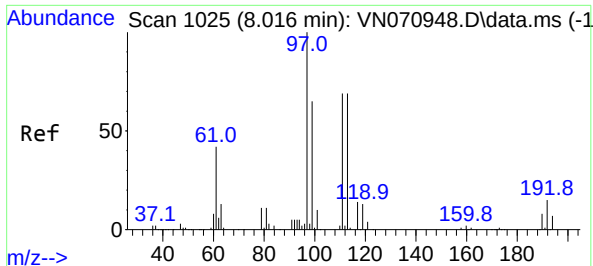
Ion Ratio Lower Upper

114 100

63 22.0 0.0 37.8

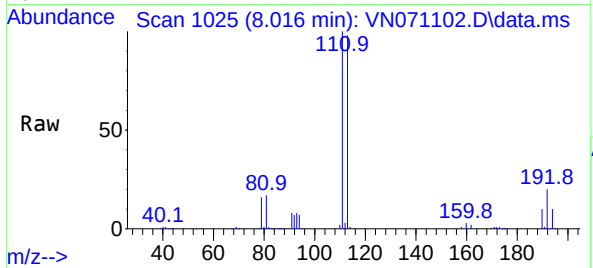
88 15.5 0.0 27.4





#35
Dibromofluoromethane
Concen: 48.673 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

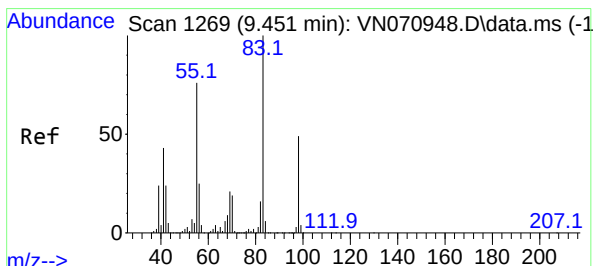
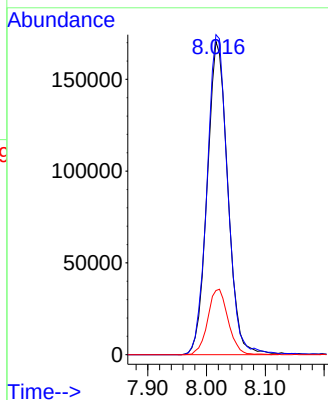
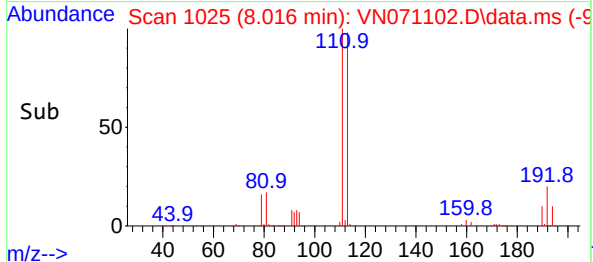
Instrument :
MSVOA_N
ClientSampleId :
DUP022522



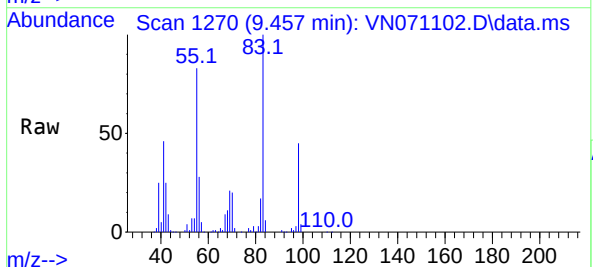
Tgt Ion: 113 Resp: 41514
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 20.7 16.9 25.3

Manual Integrations
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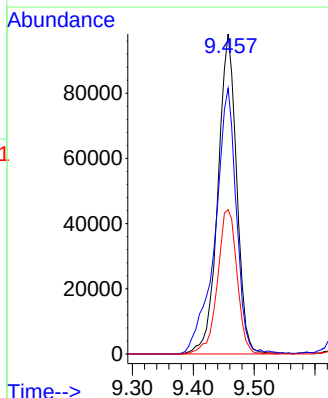
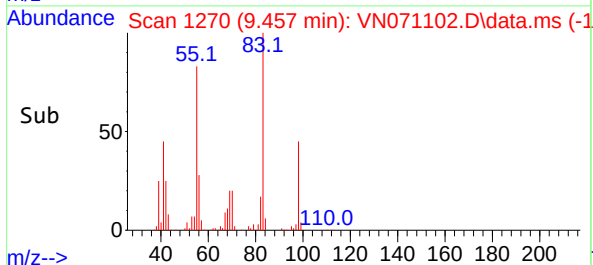
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

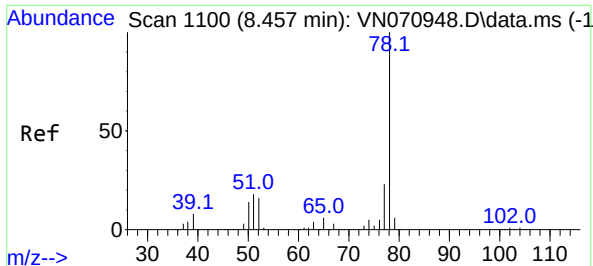


#39
Methylcyclohexane
Concen: 11.649 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20



Tgt Ion: 83 Resp: 209454
Ion Ratio Lower Upper
83 100
55 83.0 58.1 87.1
98 45.1 38.4 57.6





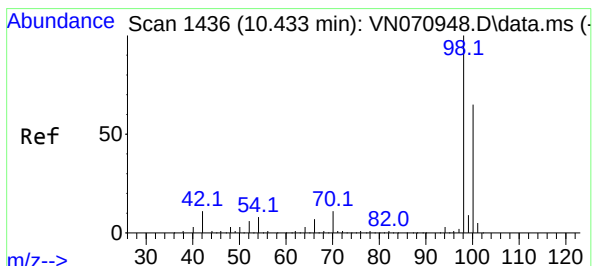
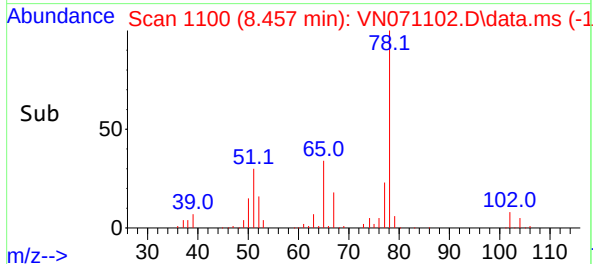
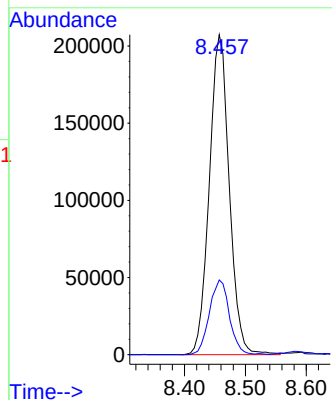
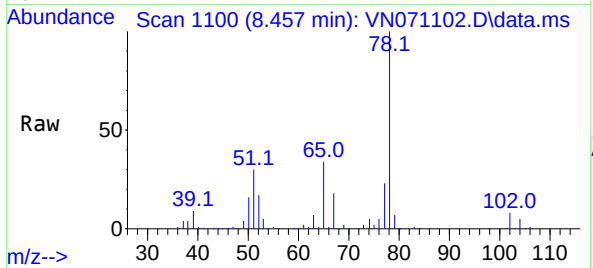
#40
Benzene
Concen: 11.408 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

Instrument :
MSVOA_N
ClientSampleId :
DUP022522

Tgt Ion: 78 Resp: 47153
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8

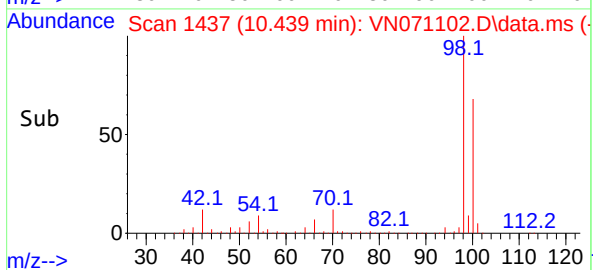
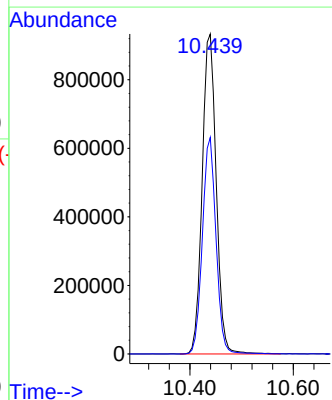
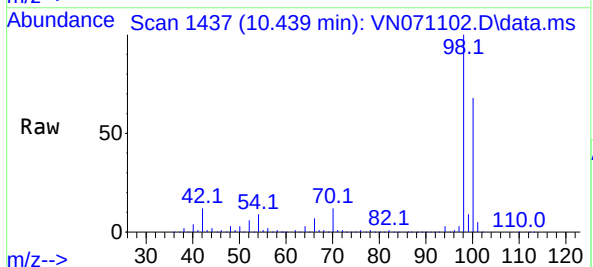
Manual Integrations
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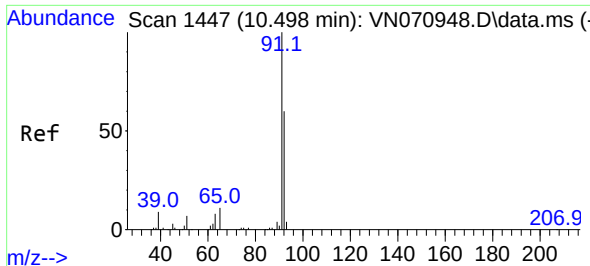
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#50
Toluene-d8
Concen: 51.248 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

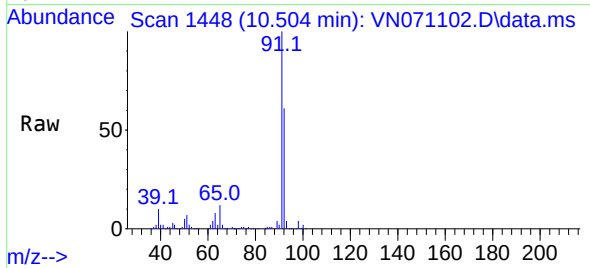
Tgt Ion: 98 Resp: 1755368
Ion Ratio Lower Upper
98 100
100 65.8 50.4 75.6





#52
Toluene
Concen: 6.134 ug/l
RT: 10.504 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

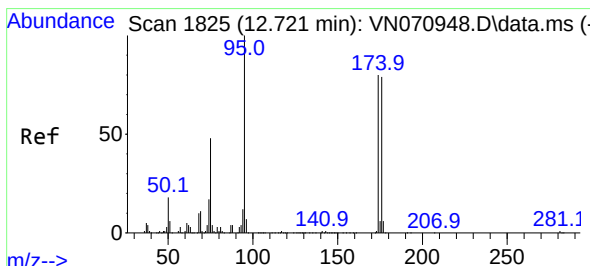
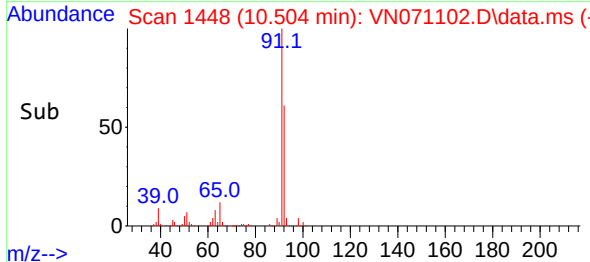
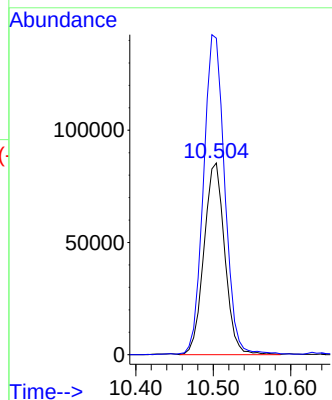
Instrument :
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ClientSampleId :
DUP022522



Tgt Ion: 92 Resp: 159328
Ion Ratio Lower Upper
92 100
91 170.8 142.0 213.0

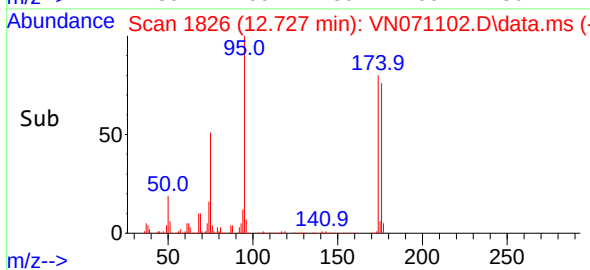
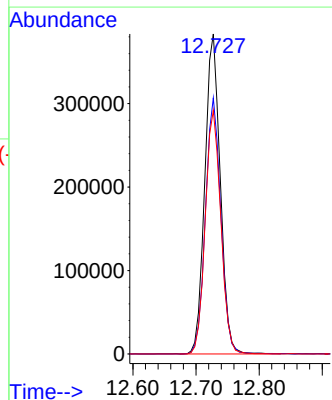
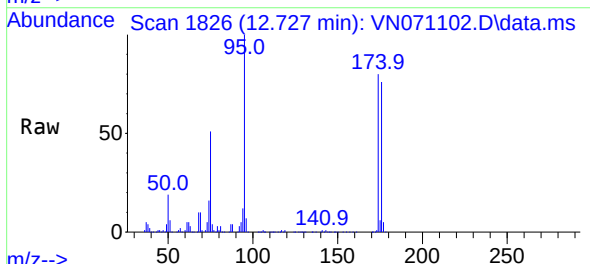
Manual Integrations
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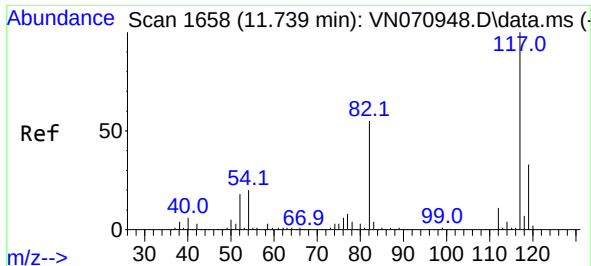
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#62
4-Bromofluorobenzene
Concen: 52.991 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

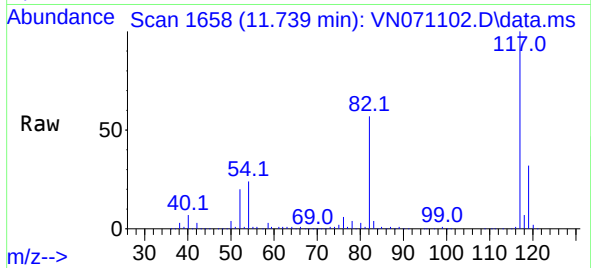
Tgt Ion: 95 Resp: 648790
Ion Ratio Lower Upper
95 100
174 80.0 0.0 187.2
176 77.0 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

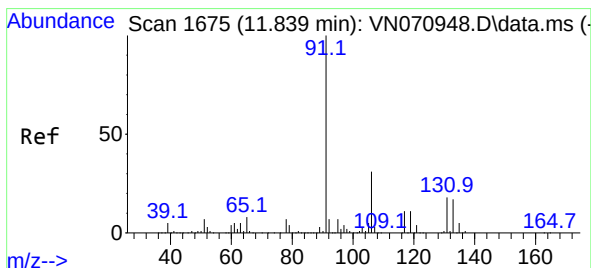
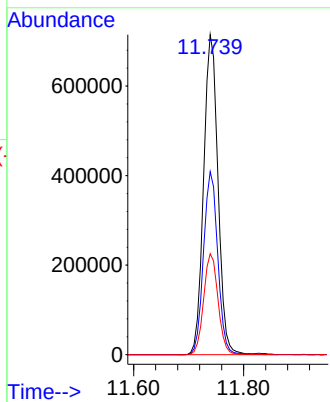
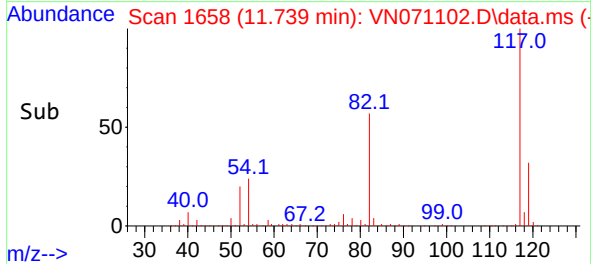
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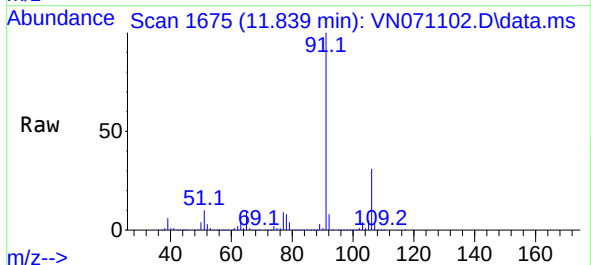
Tgt Ion: 117 Resp: 129645
Ion Ratio Lower Upper
117 100
82 57.2 42.4 63.6
119 31.6 25.4 38.2

Manual Integrations
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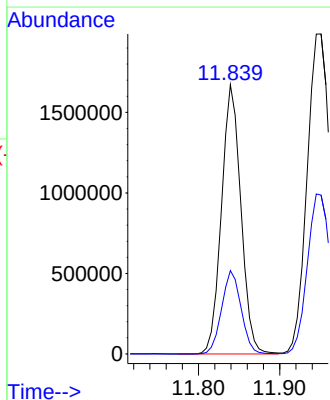
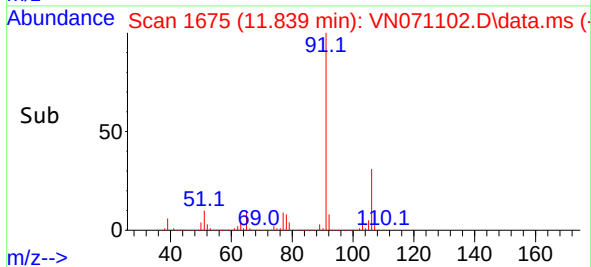
Reviewed By :John Carlone 03/01/2022
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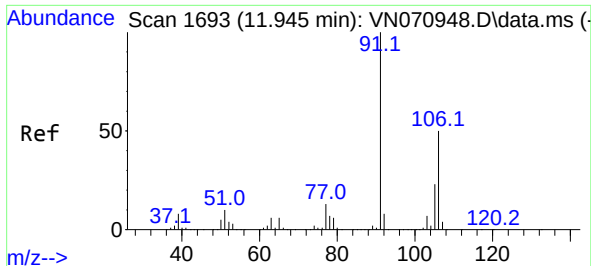


#67
Ethyl Benzene
Concen: 56.850 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20



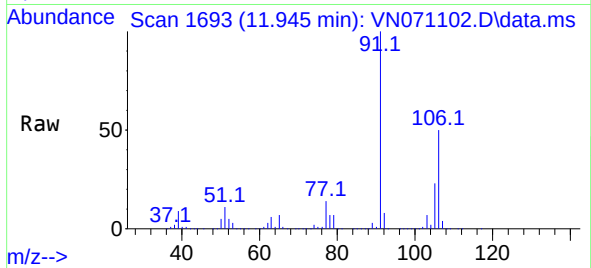
Tgt Ion: 91 Resp: 2779723
Ion Ratio Lower Upper
91 100
106 30.9 25.7 38.5





#68
m/p-Xylenes
Concen: 105.544 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

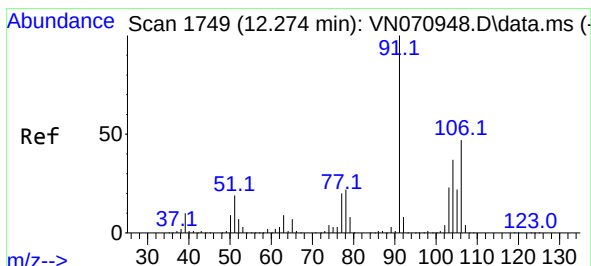
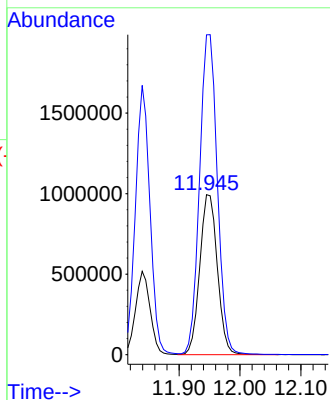
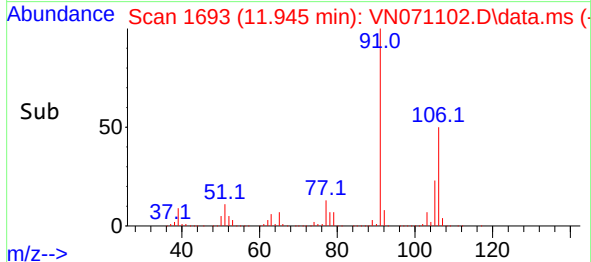
Instrument :
MSVOA_N
ClientSampleId :
DUP022522



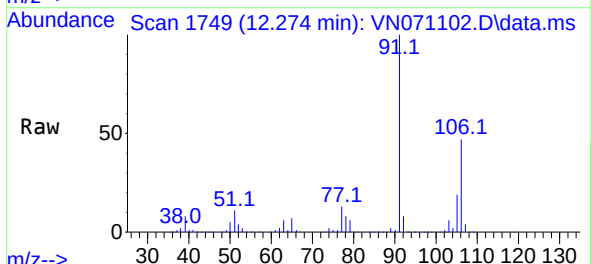
Tgt Ion:106 Resp: 1993374
Ion Ratio Lower Upper
106 100
91 202.1 160.6 240.8

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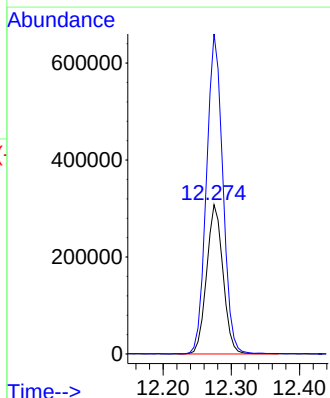
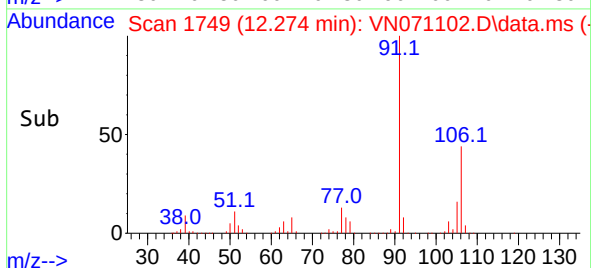
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

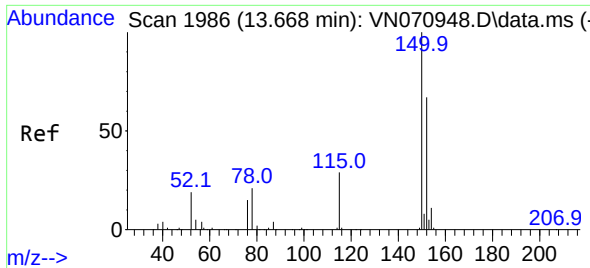


#69
o-Xylene
Concen: 27.896 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20



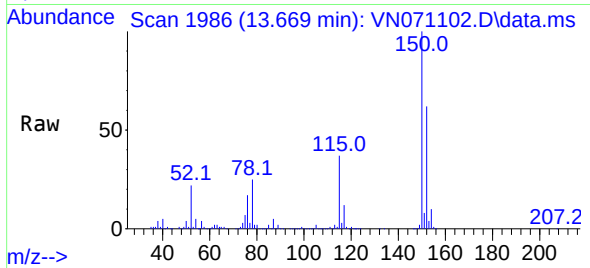
Tgt Ion:106 Resp: 514663
Ion Ratio Lower Upper
106 100
91 214.3 105.8 317.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

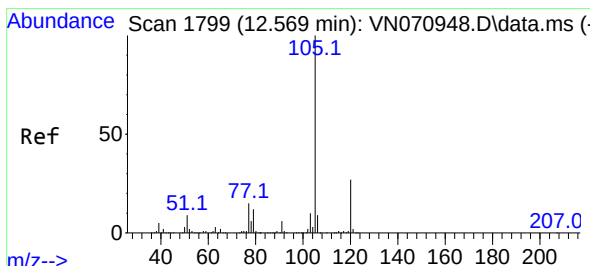
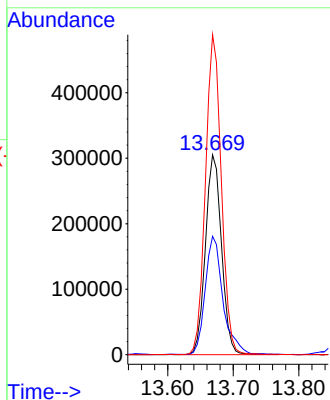
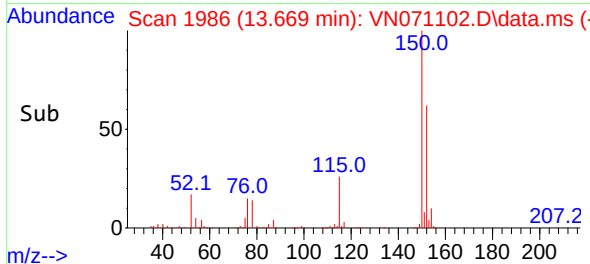
Instrument :
MSVOA_N
ClientSampleId :
DUP022522



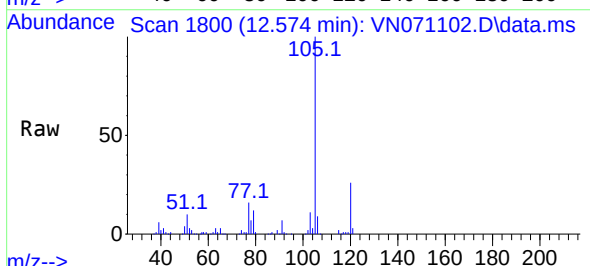
Tgt Ion:152 Resp: 520728
Ion Ratio Lower Upper
152 100
115 66.2 27.5 82.5
150 157.3 0.0 344.4

Manual Integrations
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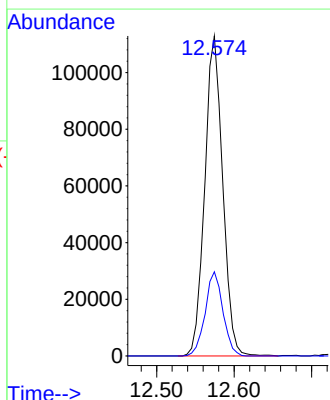
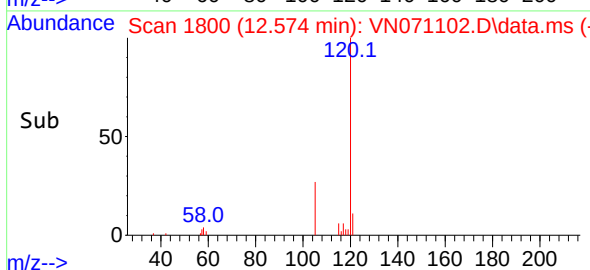
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

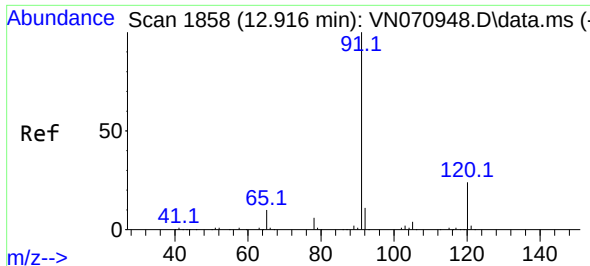


#73
Isopropylbenzene
Concen: 4.335 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.006 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20



Tgt Ion:105 Resp: 181689
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1





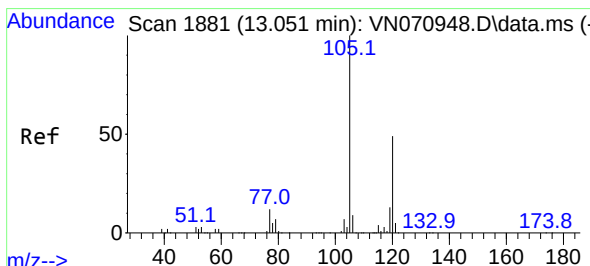
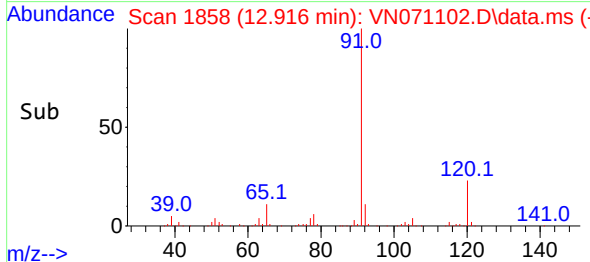
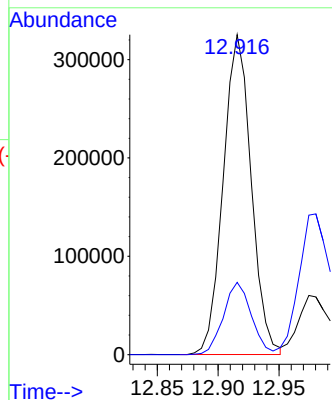
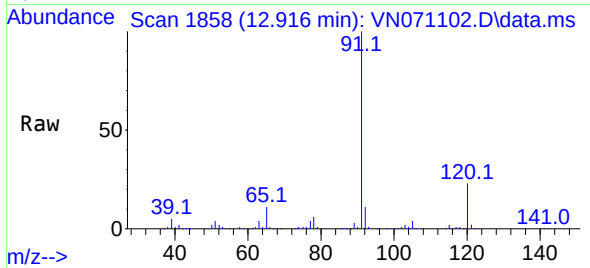
#78
n-propylbenzene
Concen: 11.033 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

Instrument :
MSVOA_N
ClientSampleId :
DUP022522

Tgt Ion: 91 Resp: 51956
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.9

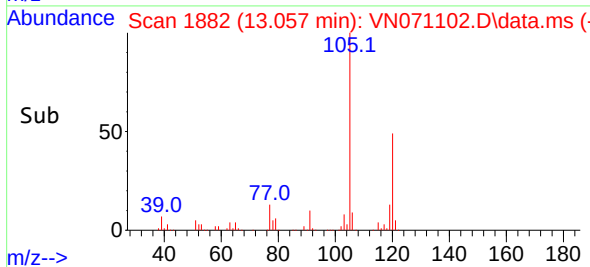
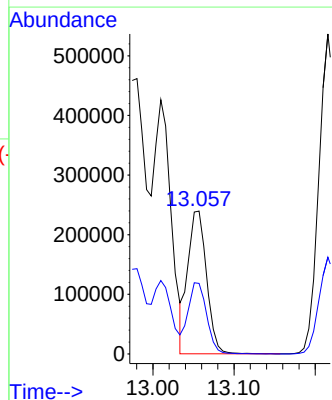
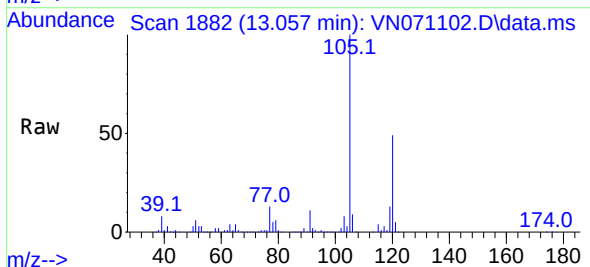
Manual Integrations
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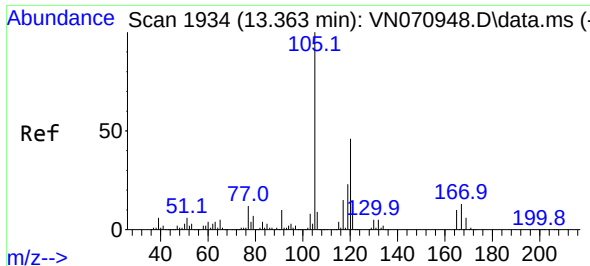
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#80
1,3,5-Trimethylbenzene
Concen: 11.395 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

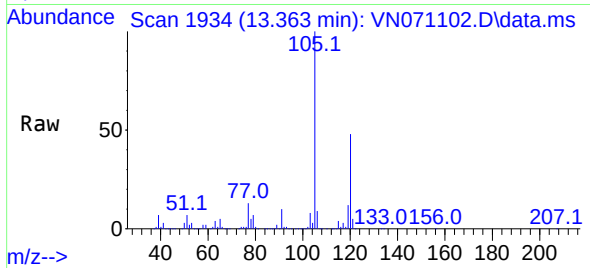
Tgt Ion:105 Resp: 386931
Ion Ratio Lower Upper
105 100
120 49.6 24.6 73.6





#84
1,2,4-Trimethylbenzene
Concen: 68.141 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

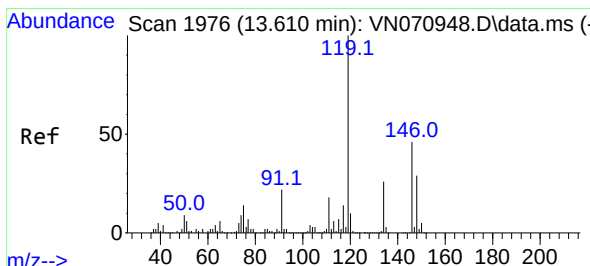
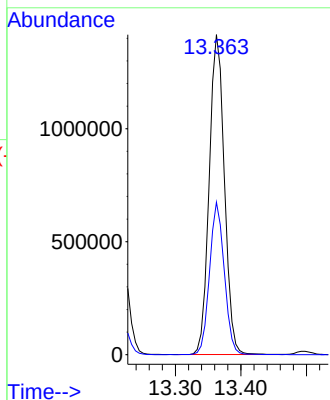
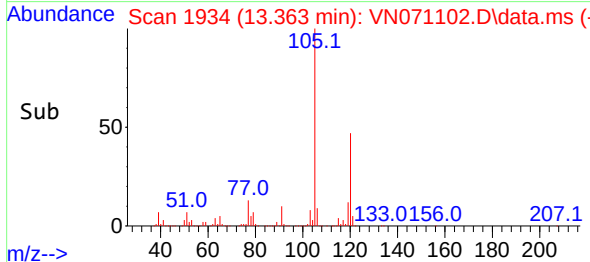
Instrument :
MSVOA_N
ClientSampleId :
DUP022522



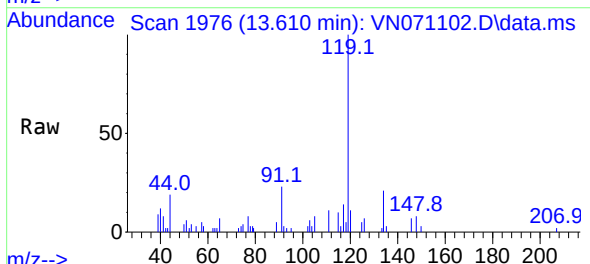
Tgt Ion:105 Resp: 2277702
Ion Ratio Lower Upper
105 100
120 46.2 22.8 68.4

Manual Integrations
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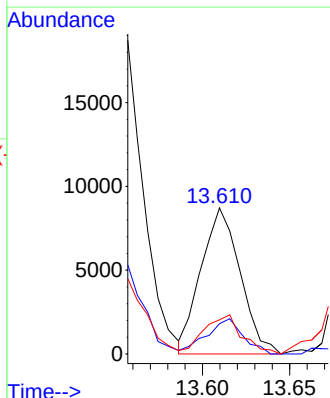
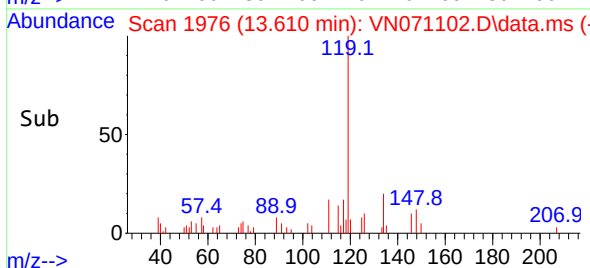
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

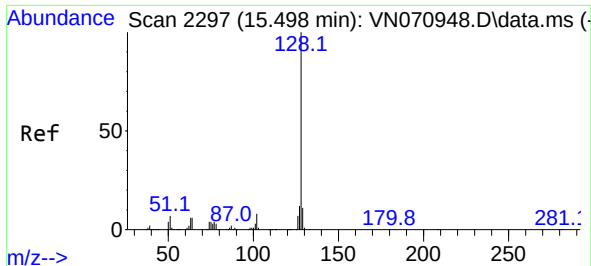


#86
p-Isopropyltoluene
Concen: 0.391 ug/l m
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20



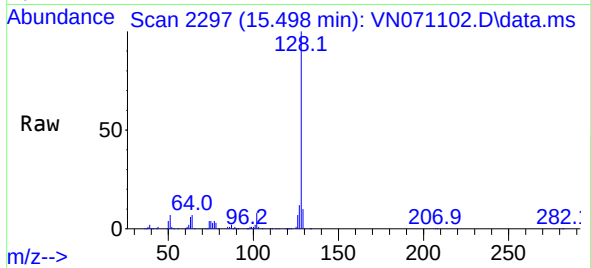
Tgt Ion:119 Resp: 13627
Ion Ratio Lower Upper
119 100
134 60.0 13.6 40.7#
91 53.8 11.4 34.1#





#95
Naphthalene
Concen: 23.684 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

Instrument :
MSVOA_N
ClientSampleId :
DUP022522



Tgt Ion:128 Resp: 483469
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.5 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

