

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031022\
 Data File : VN071236.D
 Acq On : 10 Mar 2022 17:46
 Operator : JC\MD
 Sample : N1852-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/11/2022
 Supervised By : Mahesh Dadoda 03/15/2022

Quant Time: Mar 11 02:13:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	712750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1168529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1048432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	466758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	442852	45.335	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.660%		
35) Dibromofluoromethane	8.022	113	337245	45.735	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.480%		
50) Toluene-d8	10.439	98	1420347	47.840	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.680%		
62) 4-Bromofluorobenzene	12.727	95	561988	55.900	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	111.800%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.363	59	23174	12.076	ug/l #	87
16) Acetone	4.281	43	795493	167.365	ug/l	93
18) Methyl Acetate	4.857	43	34523	3.149	ug/l	97
25) 2-Butanone	7.333	43	139619	18.235	ug/l	97
40) Benzene	8.463	78	35604	1.000	ug/l	99
52) Toluene	10.498	92	267965	12.225	ug/l	95
65) Chlorobenzene	11.763	112	317956	14.121	ug/l	99
67) Ethyl Benzene	11.839	91	122553	3.078	ug/l	98
68) m/p-Xylenes	11.945	106	277132	19.029	ug/l	96
69) o-Xylene	12.274	106	733136	50.219	ug/l	98
79) 2-Chlorotoluene	12.992	91	23689311m	764.325	ug/l	
82) 4-Chlorotoluene	13.098	91	15158037	549.064	ug/l	97
84) 1,2,4-Trimethylbenzene	13.362	105	62478	1.863	ug/l	89
86) p-Isopropyltoluene	13.610	119	39458	1.208	ug/l	93
88) 1,4-Dichlorobenzene	13.686	146	72309	4.339	ug/l	91
89) n-Butylbenzene	13.939	91	26259	1.028	ug/l #	66
91) 1,2-Dichlorobenzene	13.986	146	133030	8.117	ug/l	96
93) 1,2,4-Trichlorobenzene	15.256	180	10171	4.239	ug/l	95
95) Naphthalene	15.498	128	881668	42.096	ug/l	100

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

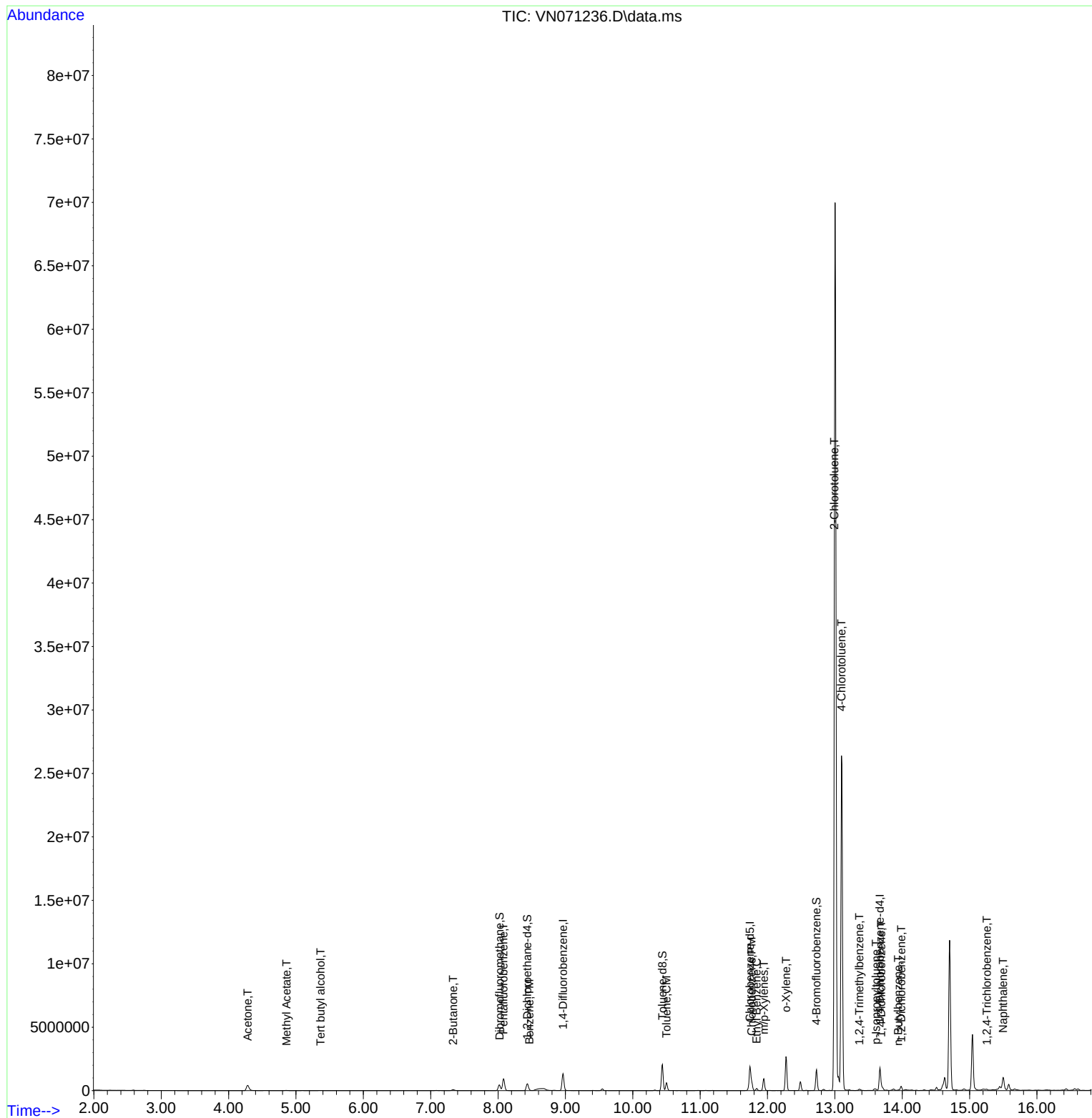
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031022\
Data File : VN071236.D
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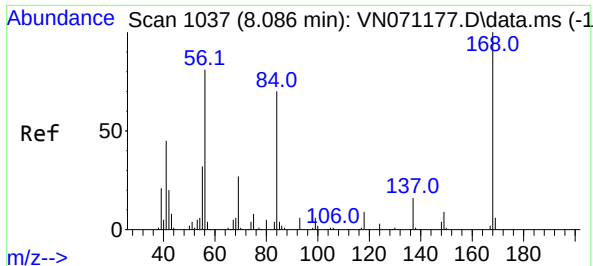
Instrument :
MSVOA_N
ClientSampleId :
DRUM

Quant Time: Mar 11 02:13:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
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Supervised By :Mahesh Dadoda 03/15/2022





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.080 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VN071236.D

Acq: 10 Mar 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

DRUM

Tgt Ion:168 Resp: 712750

Ion Ratio Lower Upper

168 100

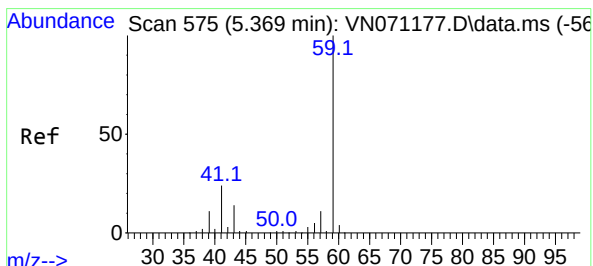
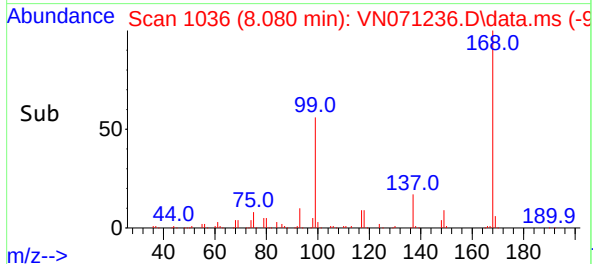
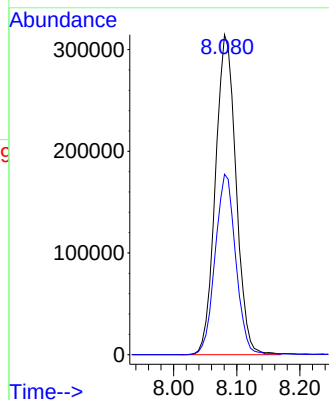
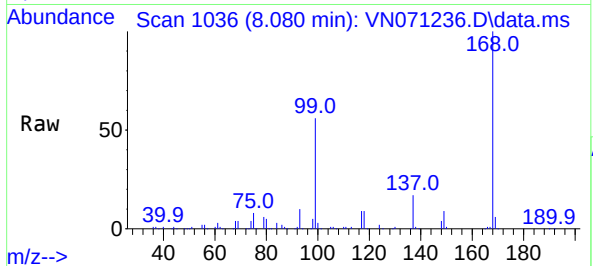
99 56.4 41.3 61.9

Manual Integrations

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#11

Tert butyl alcohol

Concen: 12.076 ug/l

RT: 5.363 min Scan# 574

Delta R.T. -0.006 min

Lab File: VN071236.D

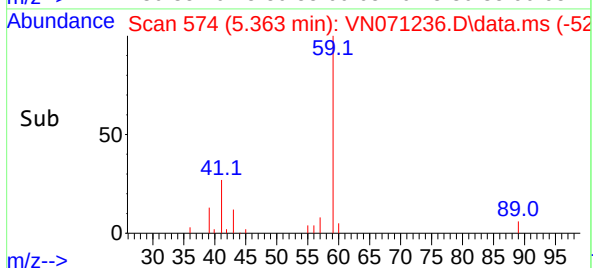
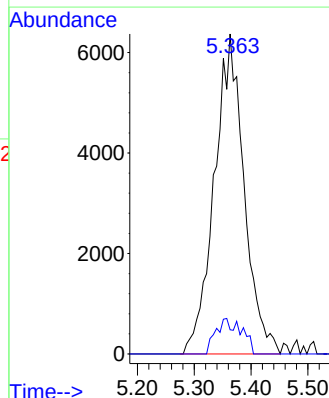
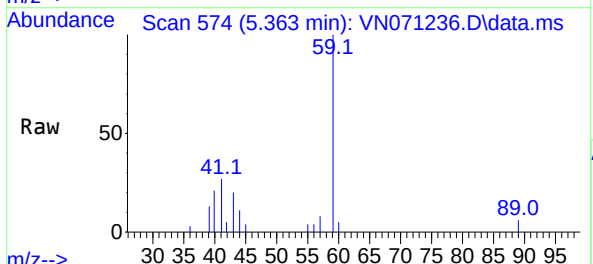
Acq: 10 Mar 2022 17:46

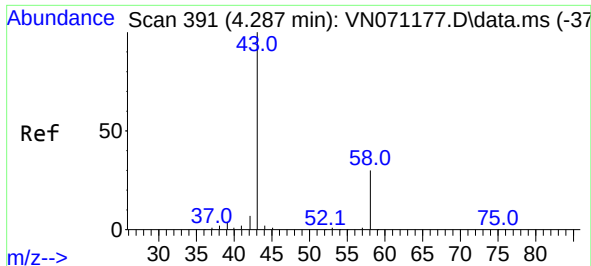
Tgt Ion: 59 Resp: 23174

Ion Ratio Lower Upper

59 100

57 6.1 8.7 13.1#





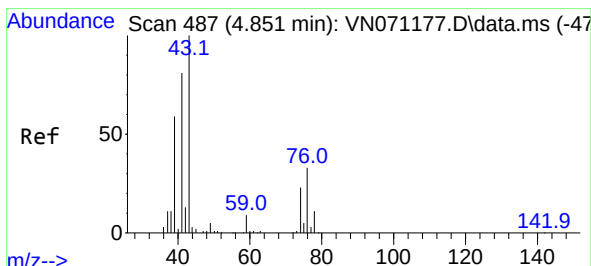
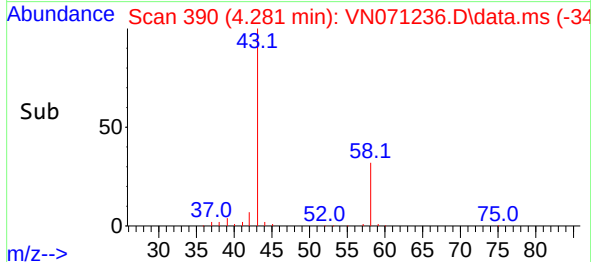
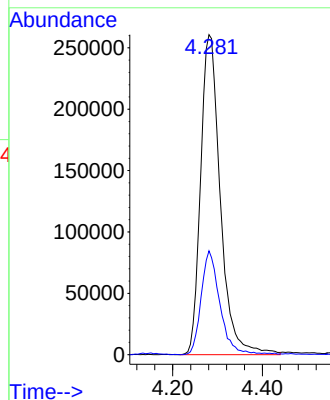
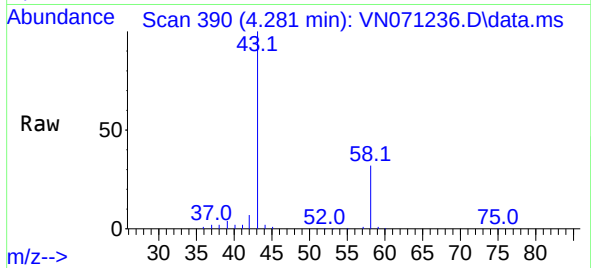
#16
Acetone
Concen: 167.365 ug/l
RT: 4.281 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Instrument :
MSVOA_N
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Tgt Ion: 43 Resp: 79549
Ion Ratio Lower Upper
43 100
58 32.5 23.1 34.7

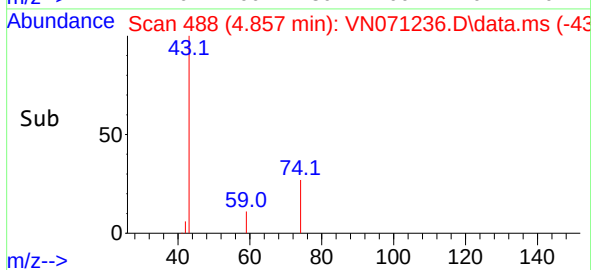
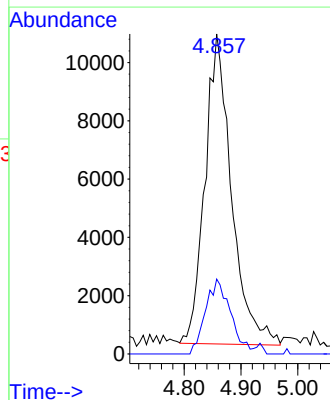
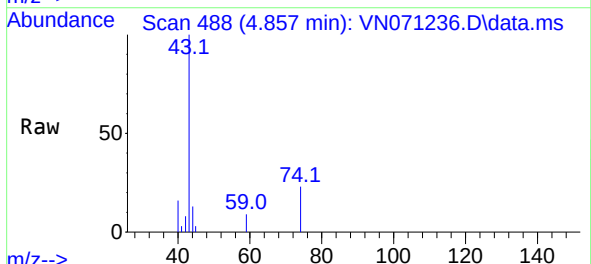
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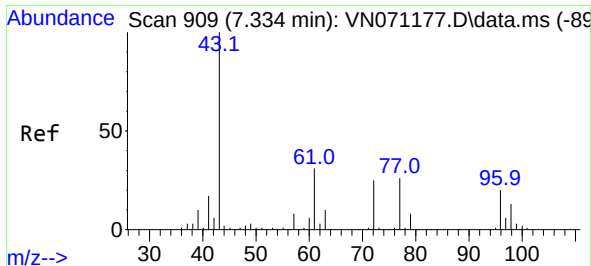
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022



#18
Methyl Acetate
Concen: 3.149 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

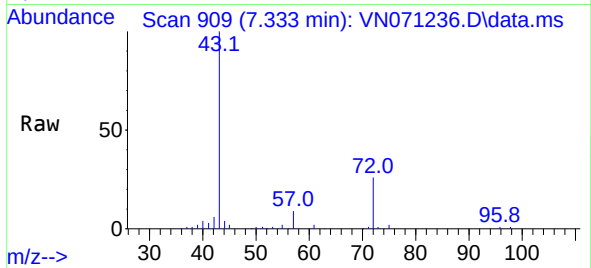
Tgt Ion: 43 Resp: 34523
Ion Ratio Lower Upper
43 100
74 22.8 19.4 29.2





#25
2-Butanone
Concen: 18.235 ug/l
RT: 7.333 min Scan# 909
Delta R.T. -0.000 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

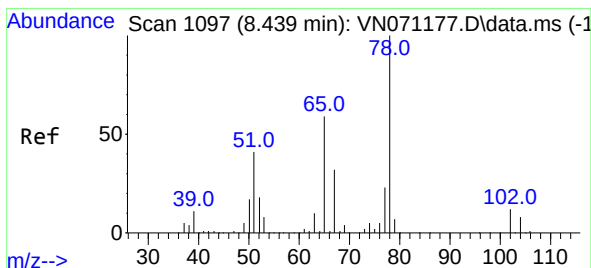
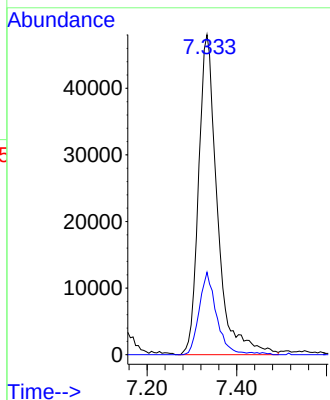
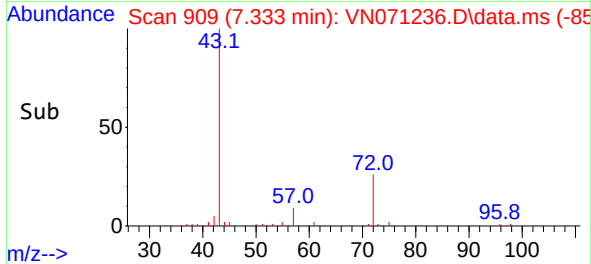
Instrument :
MSVOA_N
ClientSampleId :
DRUM



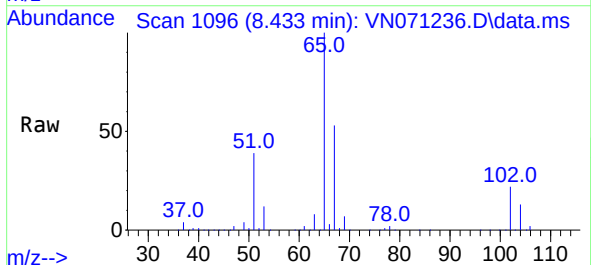
Tgt Ion: 43 Resp: 139619
Ion Ratio Lower Upper
43 100
72 25.8 21.7 32.5

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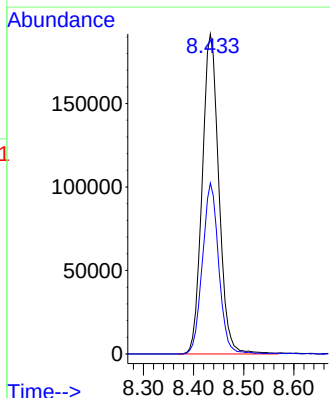
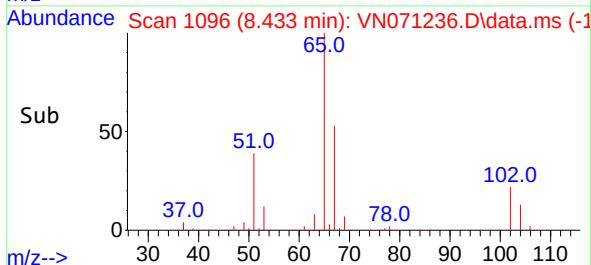
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022

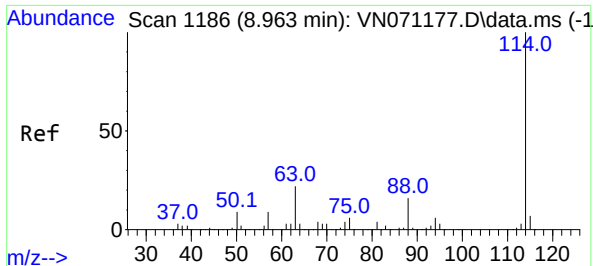


#33
1,2-Dichloroethane-d4
Concen: 45.335 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46



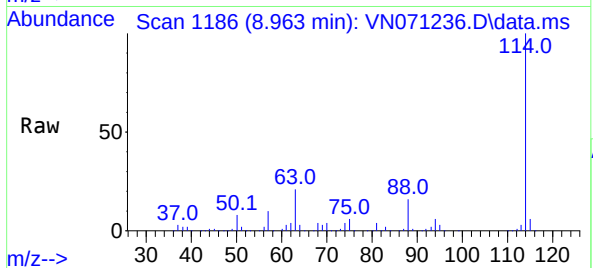
Tgt Ion: 65 Resp: 442852
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

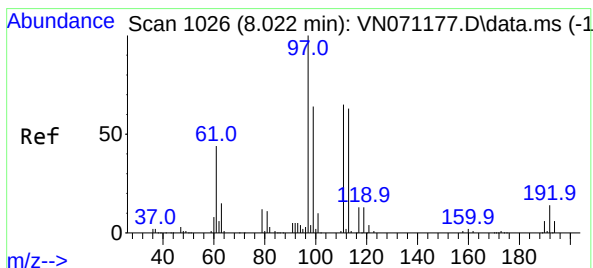
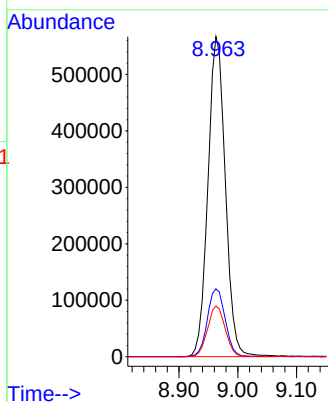
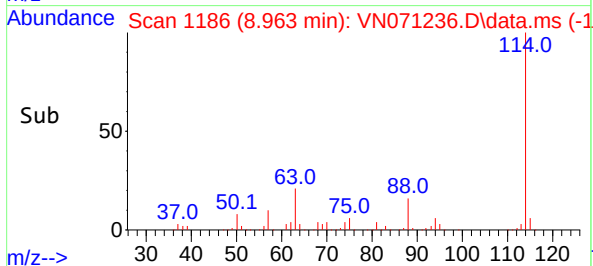
Instrument :
MSVOA_N
ClientSampleId :
DRUM



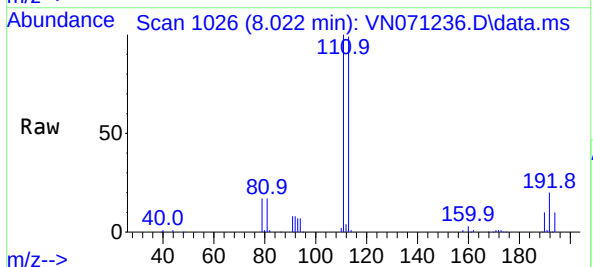
Tgt Ion:114 Resp: 1168529
Ion Ratio Lower Upper
114 100
63 21.2 0.0 37.8
88 15.8 0.0 27.4

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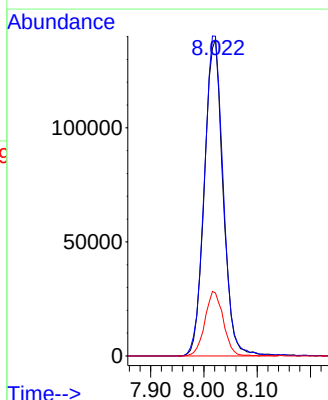
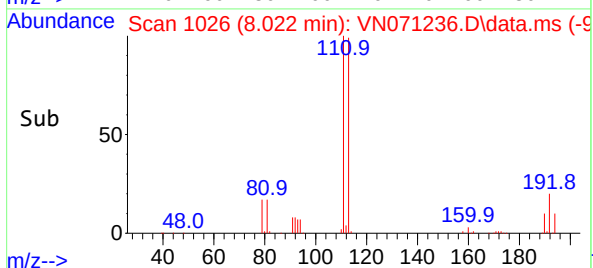
Reviewed By :John Carlone 03/11/2022
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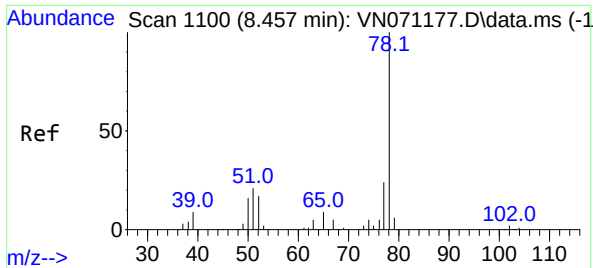


#35
Dibromofluoromethane
Concen: 45.735 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46



Tgt Ion:113 Resp: 337245
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 20.2 16.9 25.3





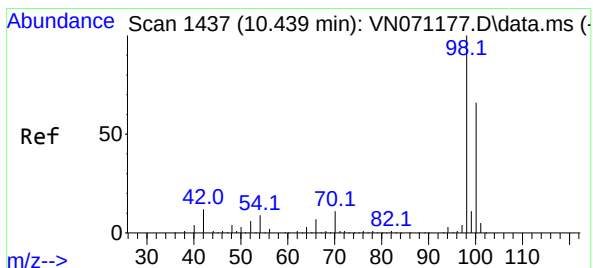
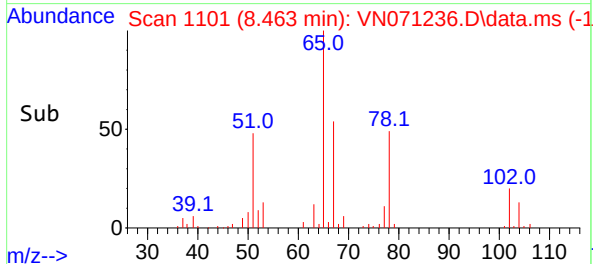
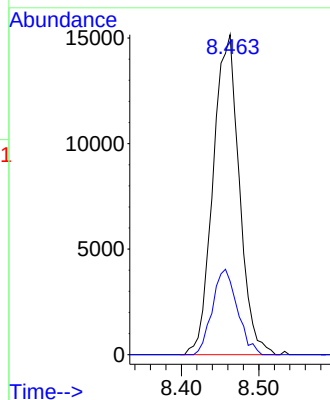
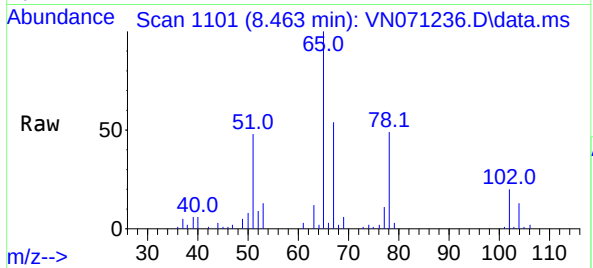
#40
Benzene
Concen: 1.000 ug/l
RT: 8.463 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Instrument :
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Tgt Ion: 78 Resp: 35604
Ion Ratio Lower Upper
78 100
77 22.9 18.6 27.8

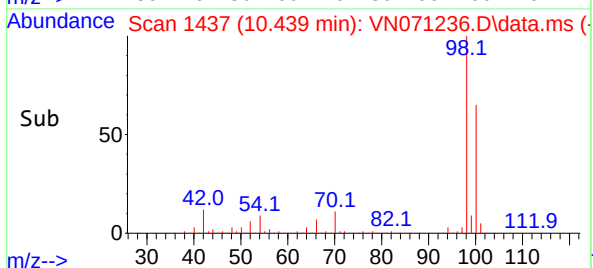
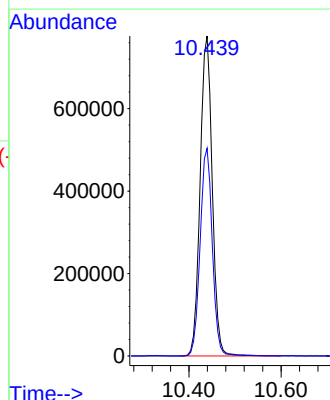
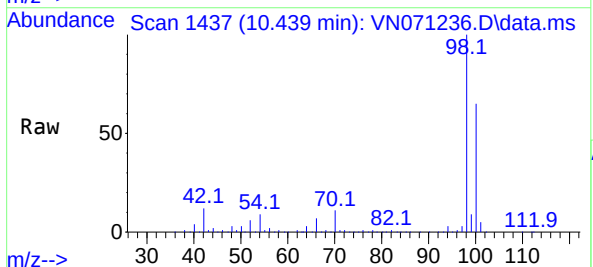
Manual Integrations
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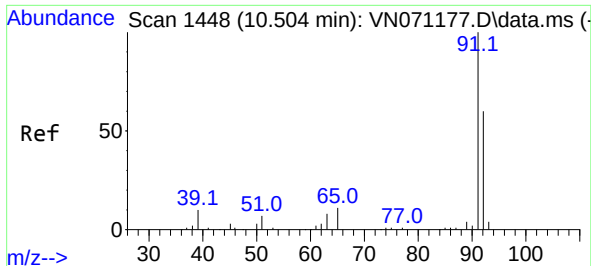
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022



#50
Toluene-d8
Concen: 47.840 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Tgt Ion: 98 Resp: 1420347
Ion Ratio Lower Upper
98 100
100 65.0 50.4 75.6





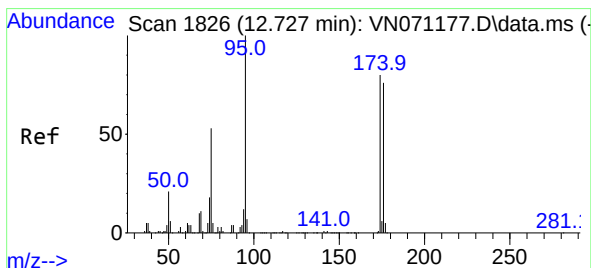
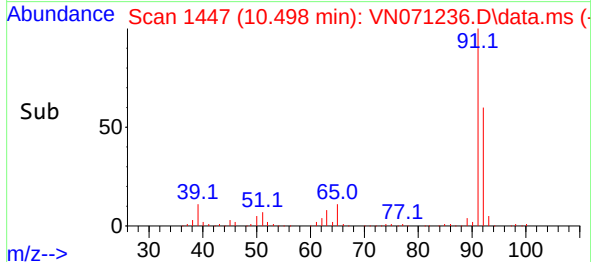
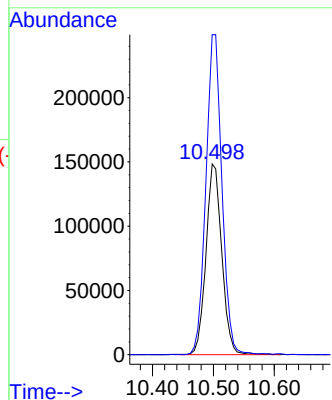
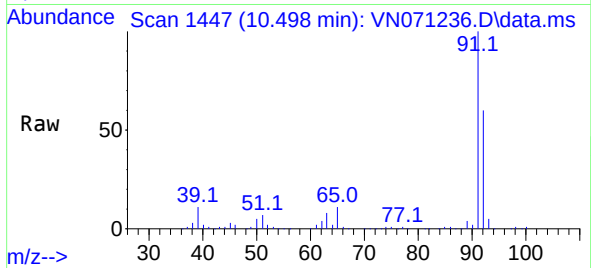
#52
Toluene
Concen: 12.225 ug/l
RT: 10.498 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

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Tgt Ion: 92 Resp: 26796
Ion Ratio Lower Upper
92 100
91 169.8 142.0 213.0

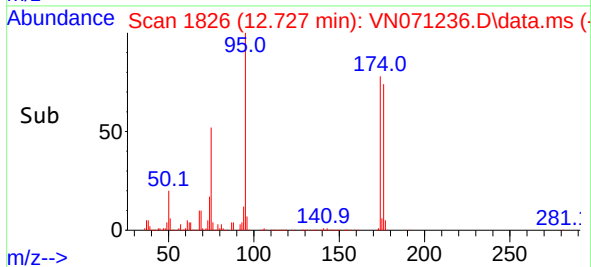
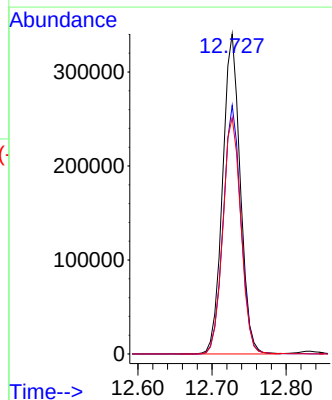
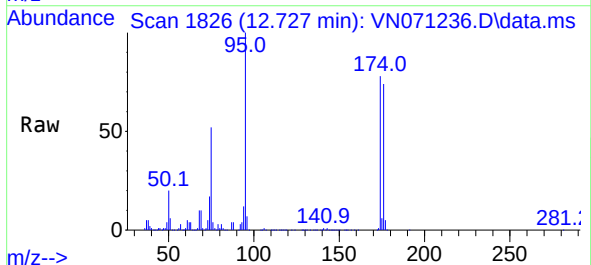
Manual Integrations
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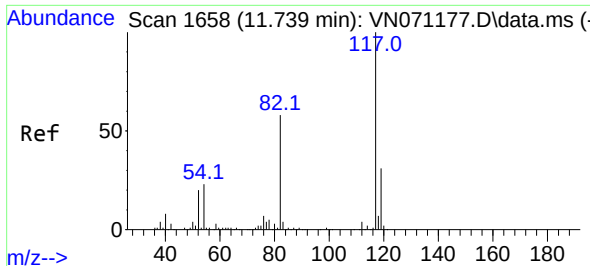
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022



#62
4-Bromofluorobenzene
Concen: 55.900 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

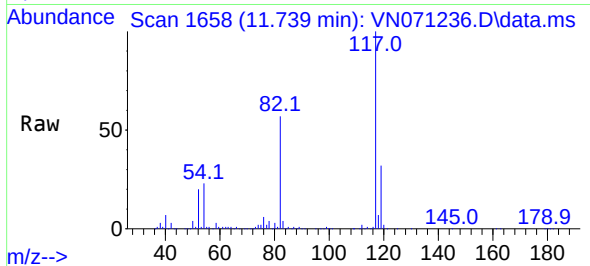
Tgt Ion: 95 Resp: 561988
Ion Ratio Lower Upper
95 100
174 77.8 0.0 187.2
176 75.3 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

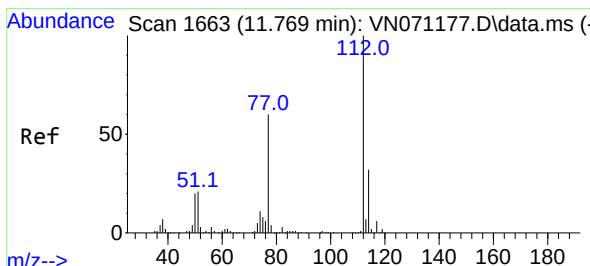
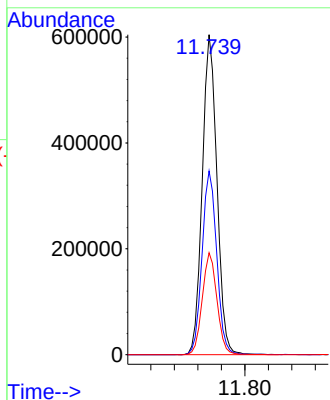
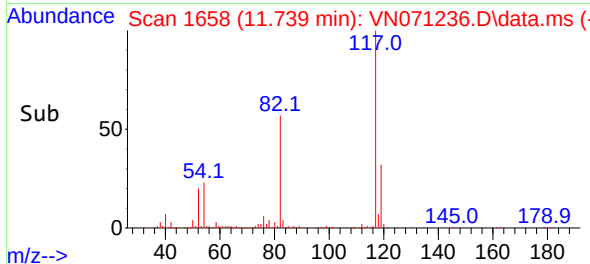
Instrument :
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Tgt Ion:117 Resp: 104843
Ion Ratio Lower Upper
117 100
82 57.4 42.4 63.6
119 31.9 25.4 38.2

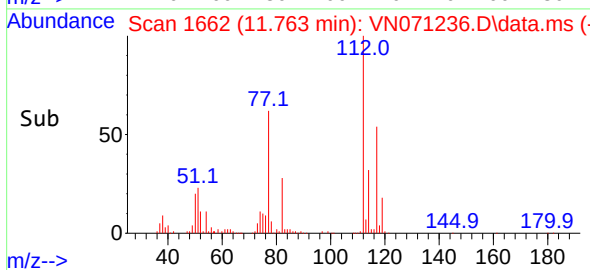
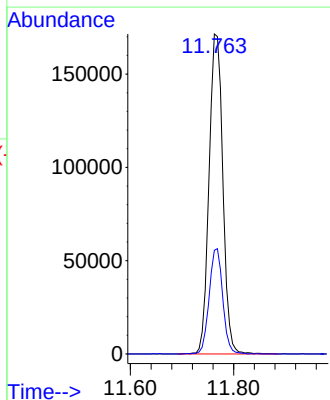
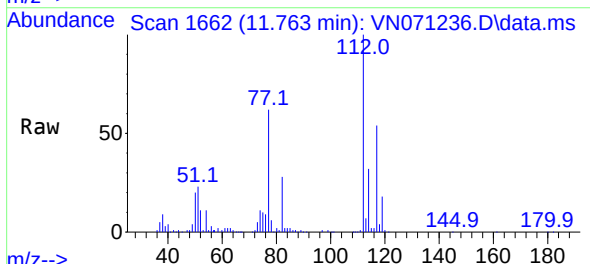
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APPROVED

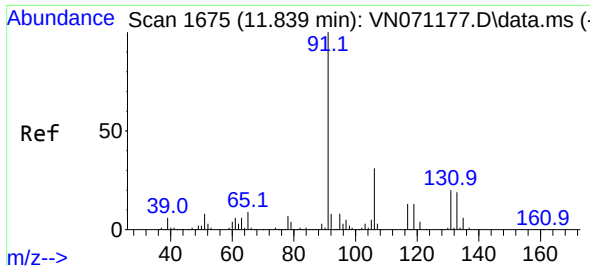
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022



#65
Chlorobenzene
Concen: 14.121 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

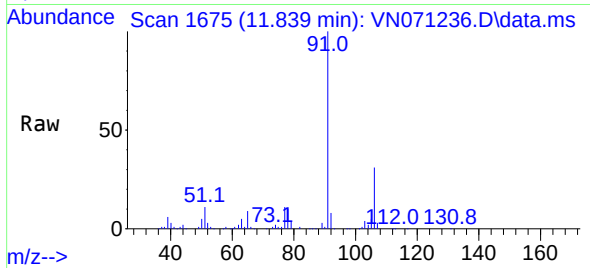
Tgt Ion:112 Resp: 317956
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.0





#67
Ethyl Benzene
Concen: 3.078 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

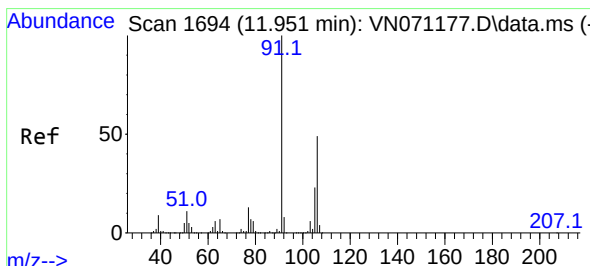
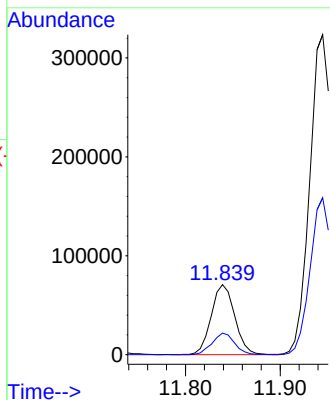
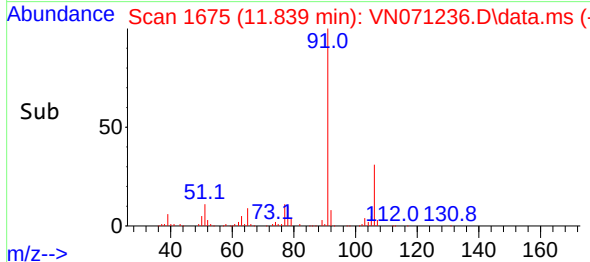
Instrument :
MSVOA_N
ClientSampleId :
DRUM



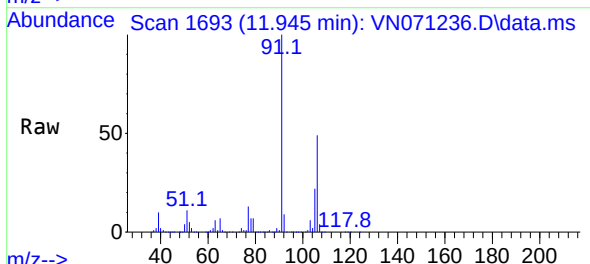
Tgt Ion: 91 Resp: 12255
Ion Ratio Lower Upper
91 100
106 30.9 25.7 38.5

Manual Integrations
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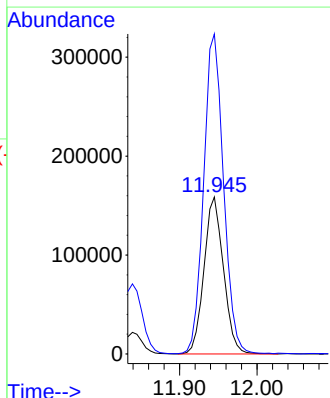
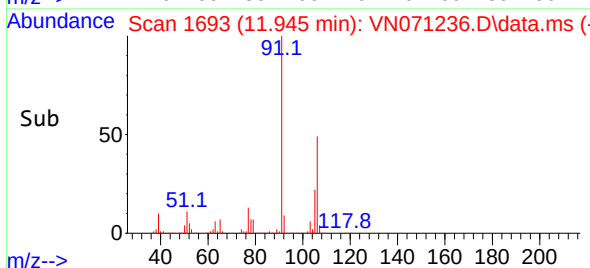
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022

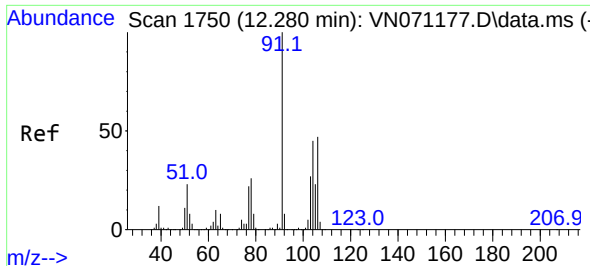


#68
m/p-Xylenes
Concen: 19.029 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46



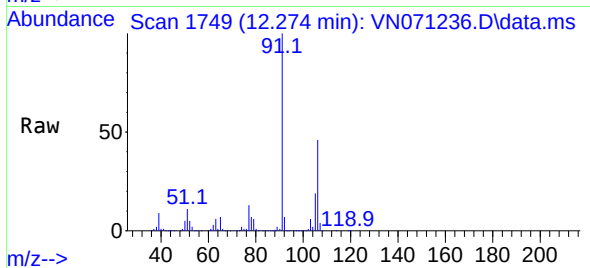
Tgt Ion:106 Resp: 277132
Ion Ratio Lower Upper
106 100
91 207.1 160.6 240.8





#69
o-Xylene
Concen: 50.219 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

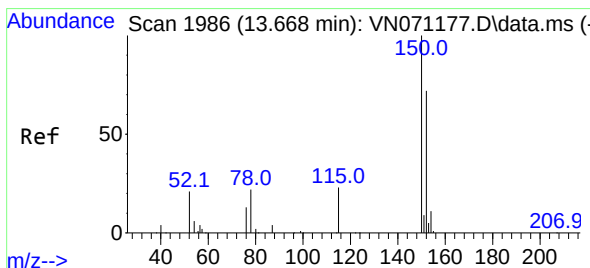
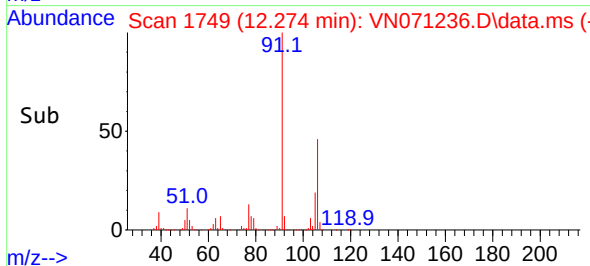
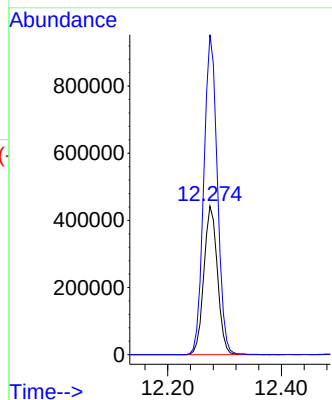
Instrument :
MSVOA_N
ClientSampleId :
DRUM



Tgt Ion:106 Resp: 733130
Ion Ratio Lower Upper
106 100
91 215.4 105.8 317.3

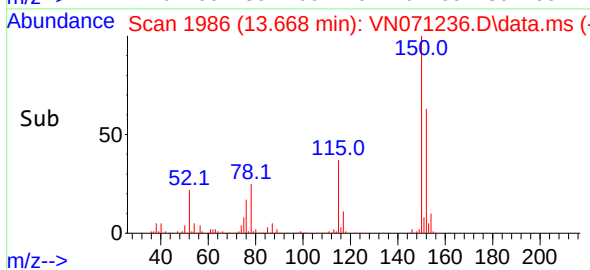
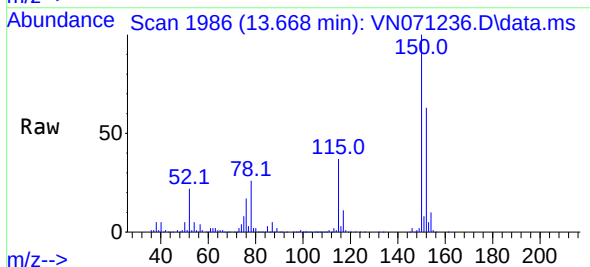
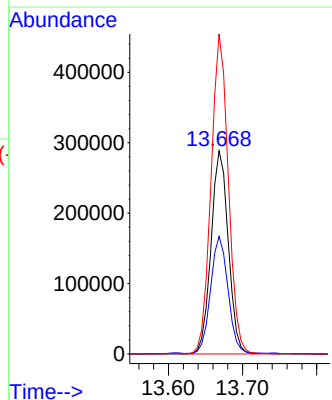
Manual Integrations
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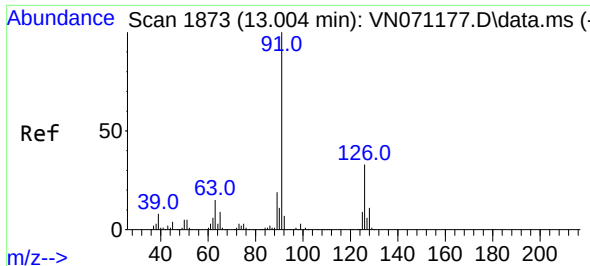
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Tgt Ion:152 Resp: 466758
Ion Ratio Lower Upper
152 100
115 57.8 27.5 82.5
150 157.2 0.0 344.4





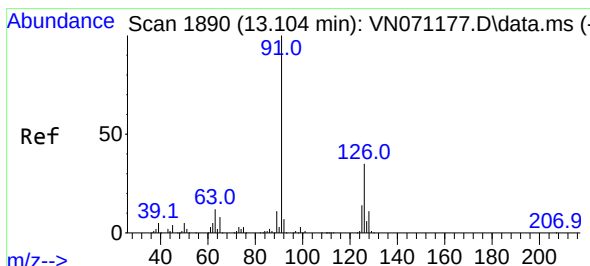
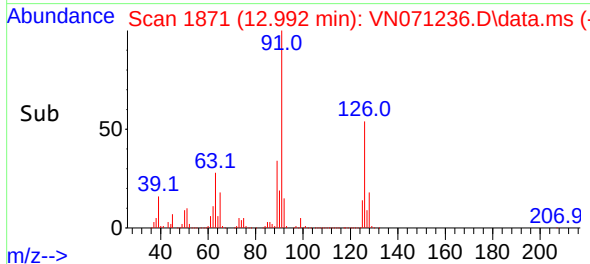
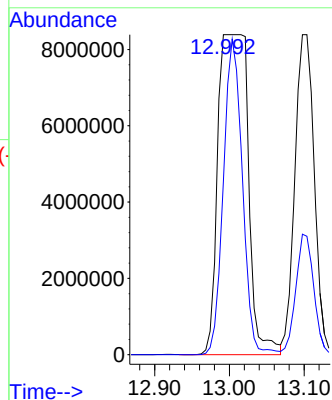
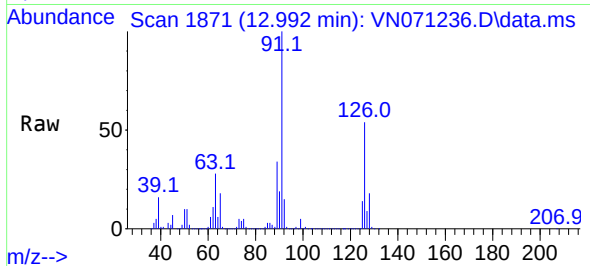
#79
2-Chlorotoluene
Concen: 764.325 ug/l m
RT: 12.992 min Scan# 1871
Delta R.T. -0.012 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Instrument :
MSVOA_N
ClientSampleId :
DRUM

Tgt Ion: 91 Resp:2368931
Ion Ratio Lower Upper
91 100
126 22.3 18.3 54.8

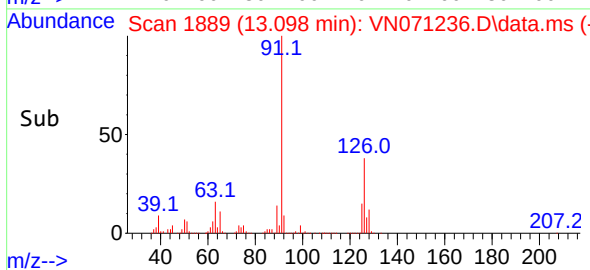
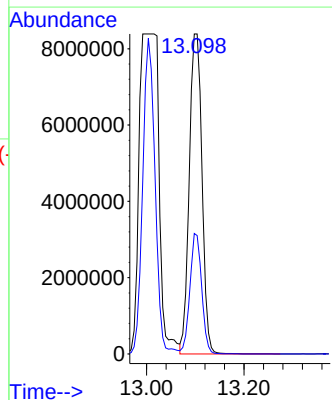
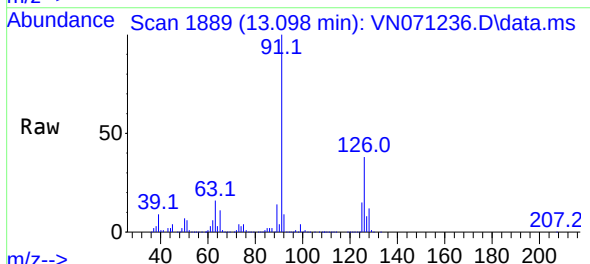
Manual Integrations
APPROVED

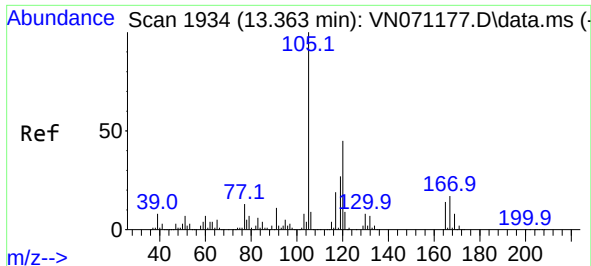
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022



#82
4-Chlorotoluene
Concen: 549.064 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Tgt Ion: 91 Resp:15158037
Ion Ratio Lower Upper
91 100
126 34.9 18.2 54.6





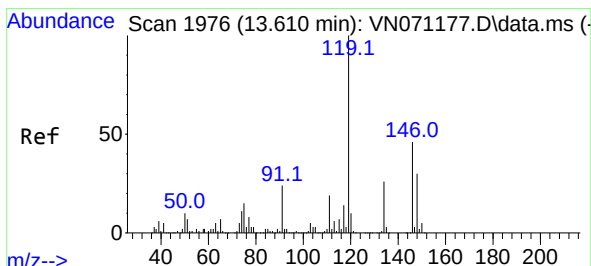
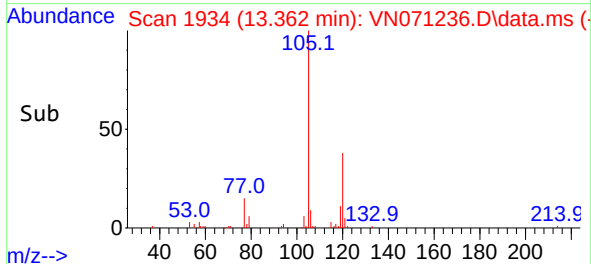
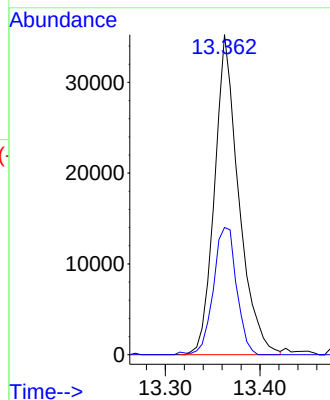
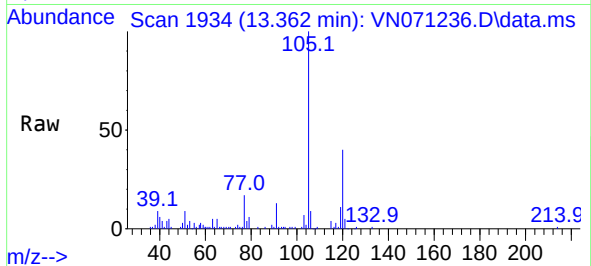
#84
1,2,4-Trimethylbenzene
Concen: 1.863 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Instrument :
MSVOA_N
ClientSampleId :
DRUM

Tgt Ion:105 Resp: 62478
Ion Ratio Lower Upper
105 100
120 38.2 22.8 68.4

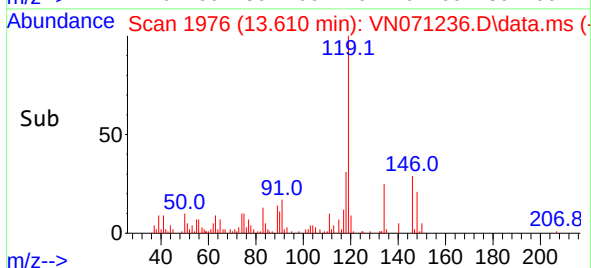
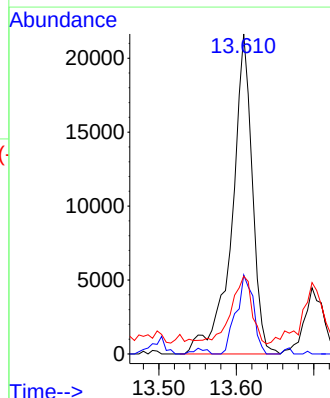
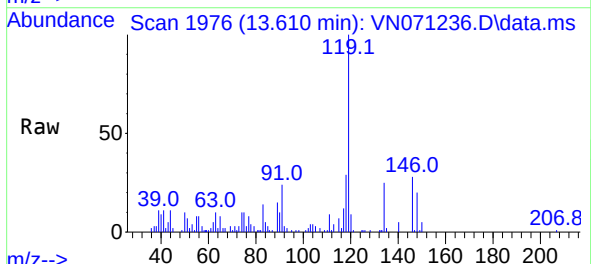
Manual Integrations
APPROVED

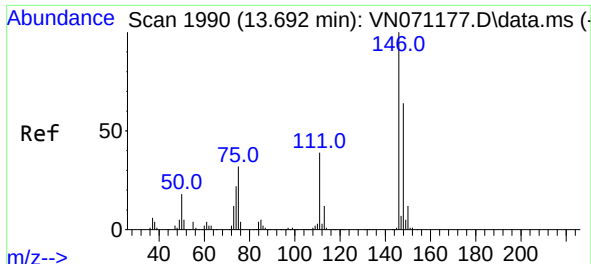
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022



#86
p-Isopropyltoluene
Concen: 1.208 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Tgt Ion:119 Resp: 39458
Ion Ratio Lower Upper
119 100
134 20.9 13.6 40.7
91 21.8 11.4 34.1





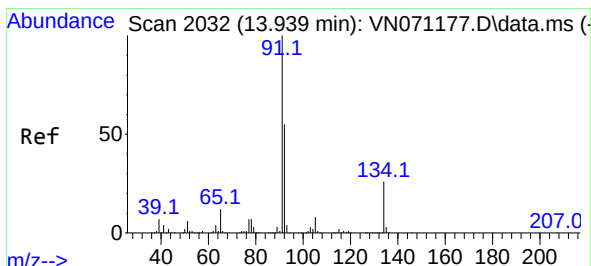
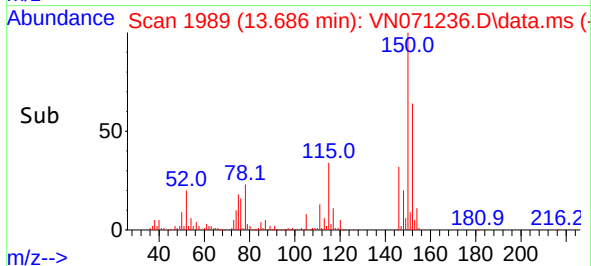
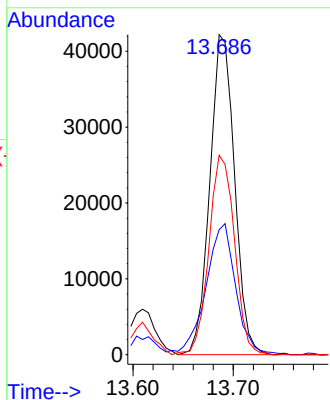
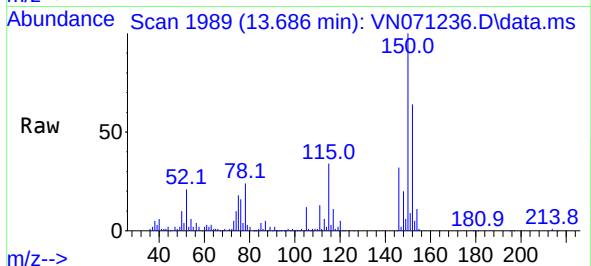
#88
1,4-Dichlorobenzene
Concen: 4.339 ug/l
RT: 13.686 min Scan# 1990
Delta R.T. -0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Instrument :
MSVOA_N
ClientSampleId :
DRUM

Tgt Ion:146 Resp: 72309
Ion Ratio Lower Upper
146 100
111 49.0 18.3 54.8
148 64.6 31.8 95.4

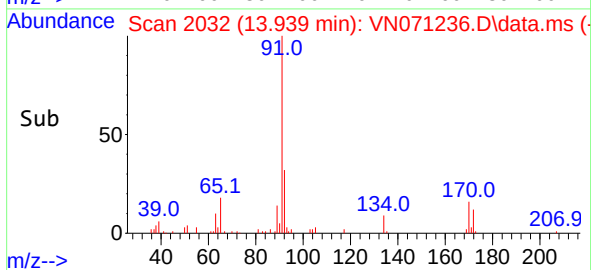
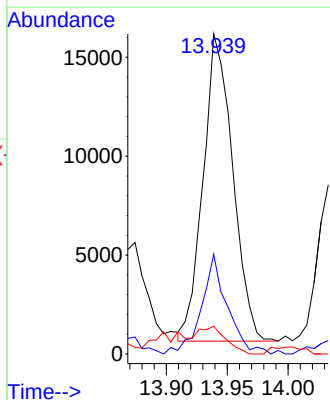
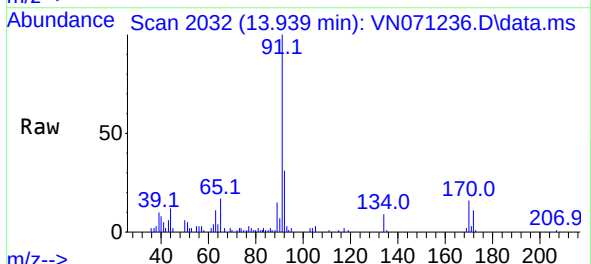
Manual Integrations
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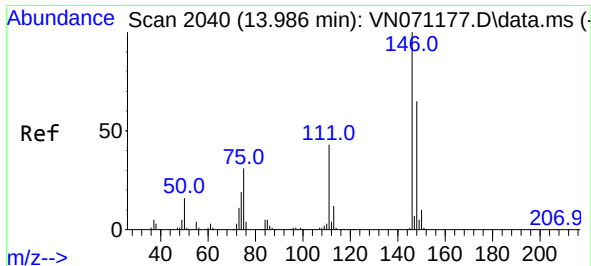
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022



#89
n-Butylbenzene
Concen: 1.028 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

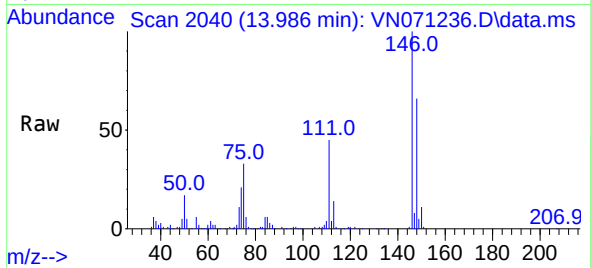
Tgt Ion: 91 Resp: 26259
Ion Ratio Lower Upper
91 100
92 28.4 25.4 76.0
134 8.2 13.6 40.8#





#91
1,2-Dichlorobenzene
Concen: 8.117 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

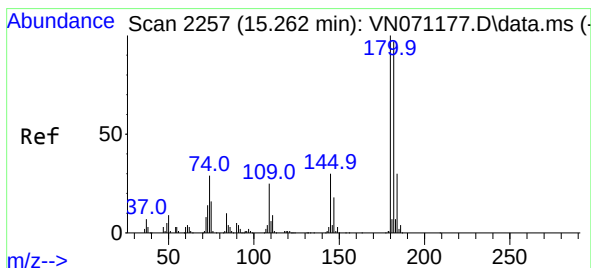
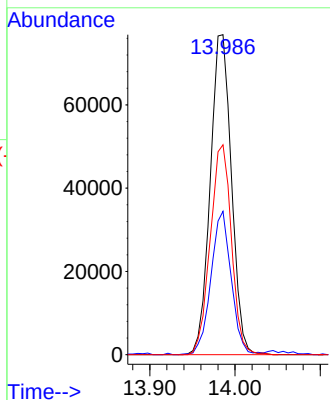
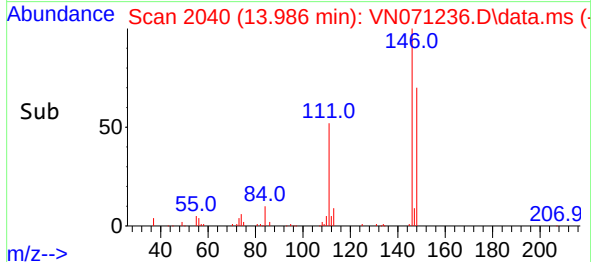
Instrument :
MSVOA_N
ClientSampleId :
DRUM



Tgt Ion:146 Resp: 133030
Ion Ratio Lower Upper
146 100
111 43.0 19.1 57.3
148 65.8 32.1 96.3

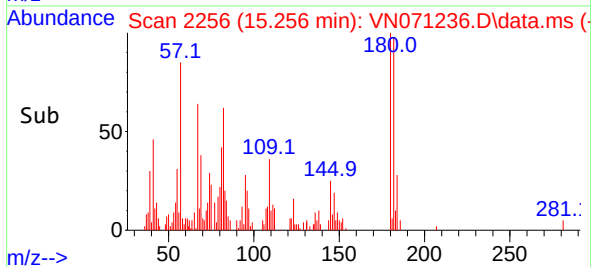
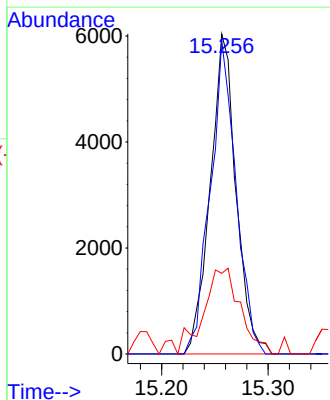
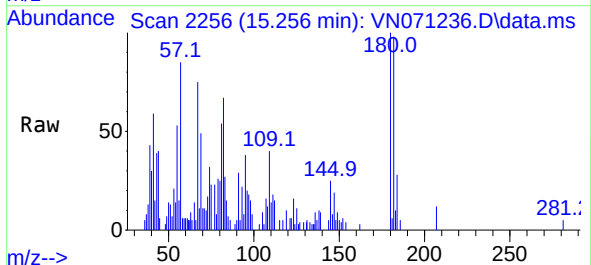
Manual Integrations
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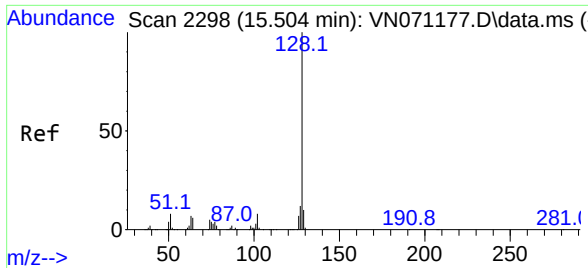
Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022



#93
1,2,4-Trichlorobenzene
Concen: 4.239 ug/l
RT: 15.256 min Scan# 2256
Delta R.T. -0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Tgt Ion:180 Resp: 10171
Ion Ratio Lower Upper
180 100
182 97.4 48.3 144.9
145 39.6 14.5 43.5





#95
Naphthalene
Concen: 42.096 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

DRUM

Tgt Ion:128 Resp: 881668
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.6 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2022

Supervised By :Mahesh Dadoda 03/15/2022

