

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031922\
 Data File : VN071392.D
 Acq On : 19 Mar 2022 12:53
 Operator : JC\MD
 Sample : N2009-05DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31405DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2022
 Supervised By : Mahesh Dadoda 03/21/2022

Quant Time: Mar 21 05:50:18 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	8.081	168	695115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1183698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1116468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	429643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	456970	47.967	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.940%		
35) Dibromofluoromethane	8.022	113	350027	46.861	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.720%		
50) Toluene-d8	10.439	98	1461455	48.594	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.180%		
62) 4-Bromofluorobenzene	12.727	95	569709	55.942	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	111.880%		
Target Compounds					Qvalue	
16) Acetone	4.304	43	11152	2.406	ug/l	90
39) Methylcyclohexane	9.457	83	14300	1.016	ug/l	92
40) Benzene	8.457	78	303255	8.410	ug/l	99
52) Toluene	10.504	92	1718293	77.387	ug/l	96
67) Ethyl Benzene	11.839	91	584265	13.782	ug/l	97
68) m/p-Xylenes	11.945	106	948210	61.140	ug/l	98
69) o-Xylene	12.275	106	681677	43.849	ug/l	95
73) Isopropylbenzene	12.575	105	51241	1.237	ug/l	100
78) n-propylbenzene	12.916	91	137735	3.099	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	338762	10.513	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1020491	33.064	ug/l	100
85) sec-Butylbenzene	13.498	105	31129m	0.814	ug/l	
86) p-Isopropyltoluene	13.610	119	24757	0.824	ug/l	97
89) n-Butylbenzene	13.939	91	26809	1.140	ug/l #	69
95) Naphthalene	15.498	128	72410	8.371	ug/l	98

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

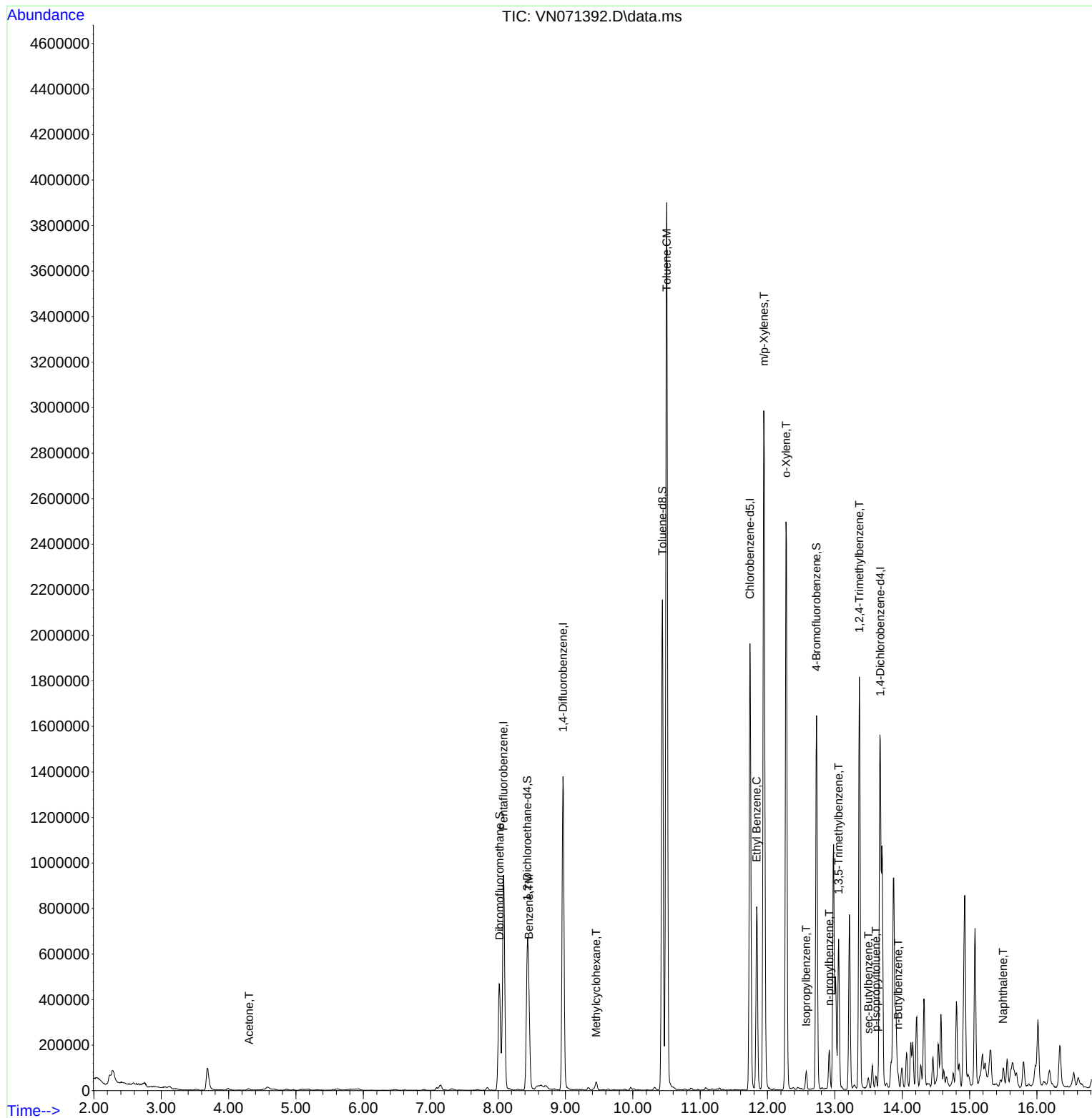
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031922\
Data File : VN071392.D
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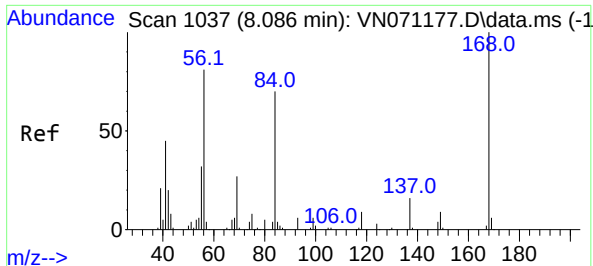
Instrument :
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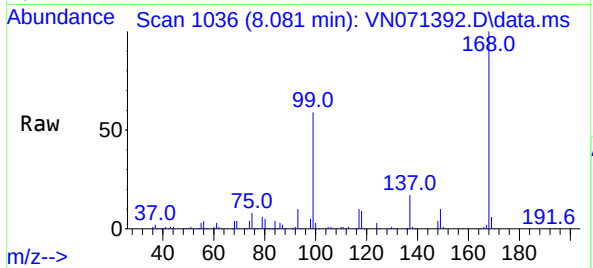
Quant Time: Mar 21 05:50:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

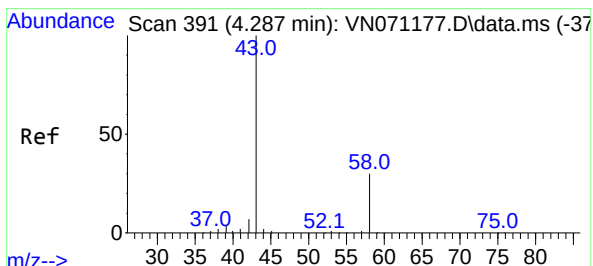
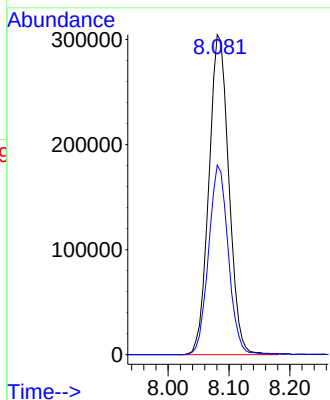
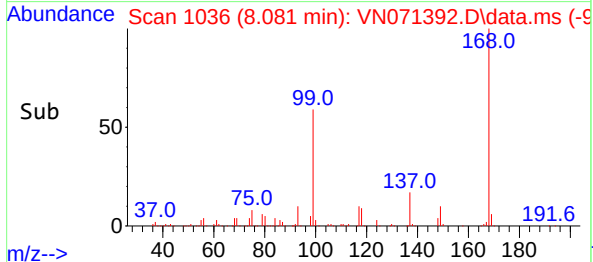
Instrument :
MSVOA_N
ClientSampleId :
31405DL



Tgt Ion:168 Resp: 695115
Ion Ratio Lower Upper
168 100
99 59.2 41.3 61.9

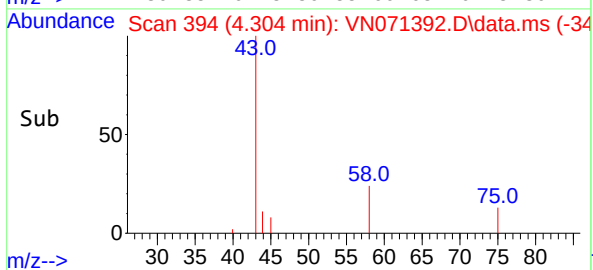
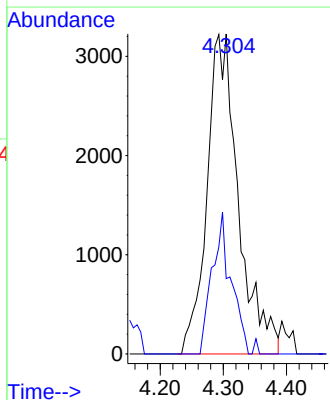
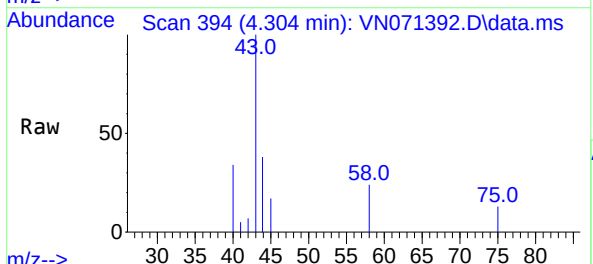
Manual Integrations
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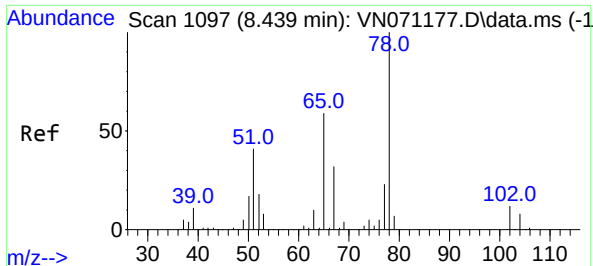
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#16
Acetone
Concen: 2.406 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.018 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Tgt Ion: 43 Resp: 11152
Ion Ratio Lower Upper
43 100
58 23.5 23.1 34.7





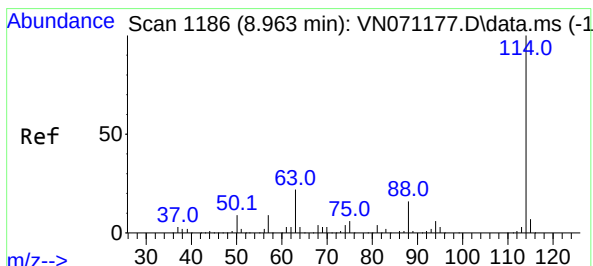
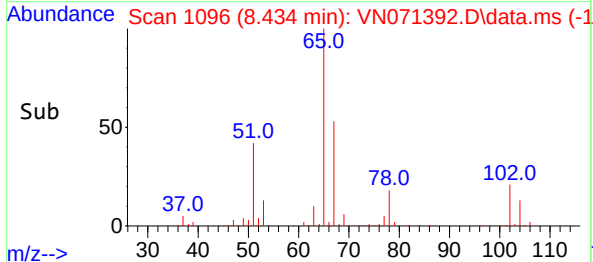
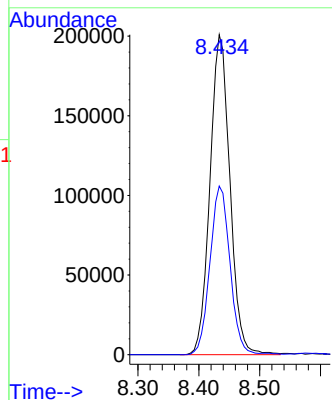
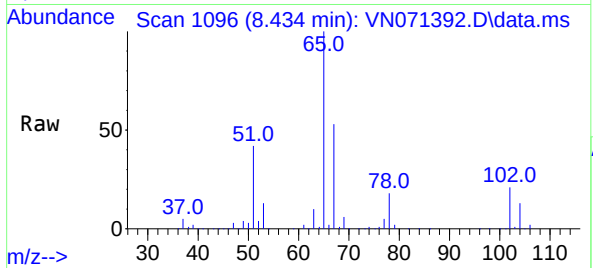
#33
1,2-Dichloroethane-d4
Concen: 47.967 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071392.D
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Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 65 Resp: 456970
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.0

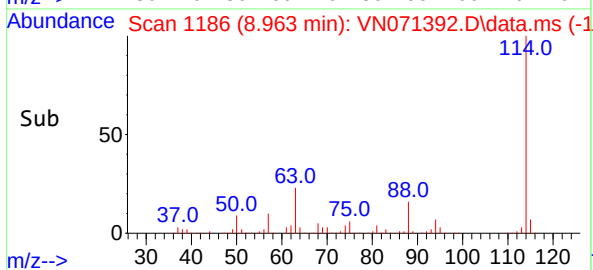
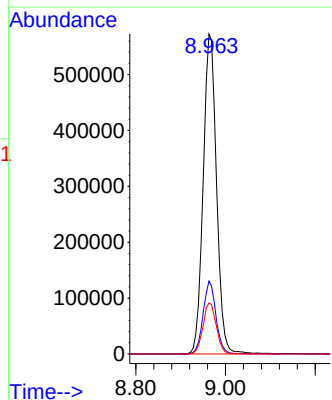
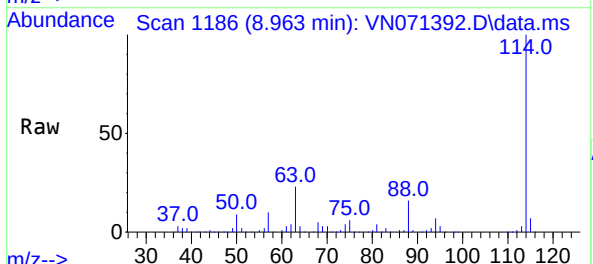
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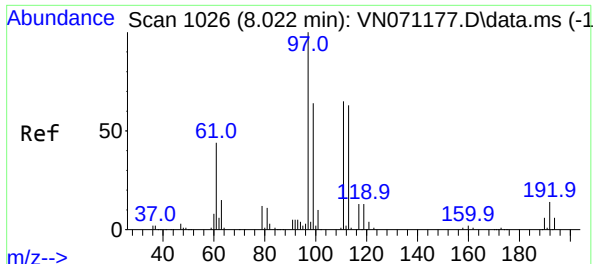
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

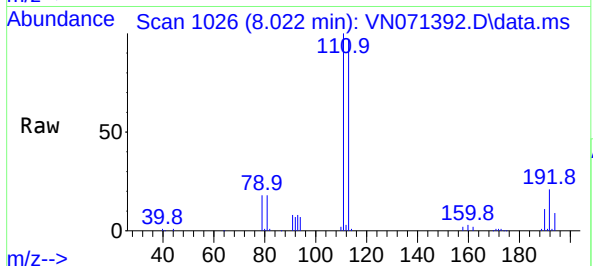
Tgt Ion:114 Resp: 1183698
Ion Ratio Lower Upper
114 100
63 22.8 0.0 37.8
88 16.0 0.0 27.4





#35
Dibromofluoromethane
Concen: 46.861 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

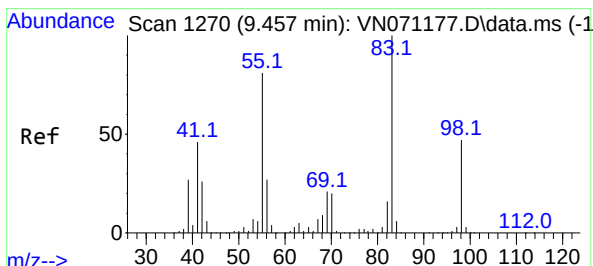
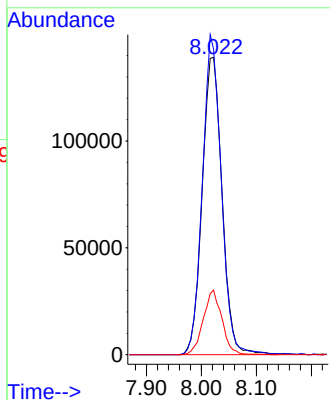
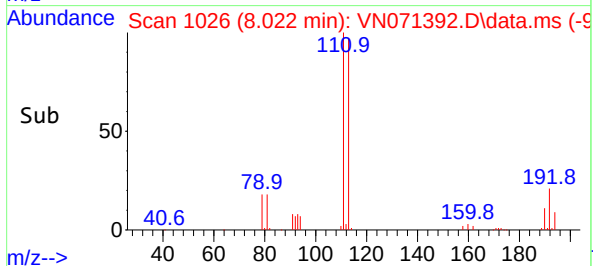
Instrument :
MSVOA_N
ClientSampleId :
31405DL



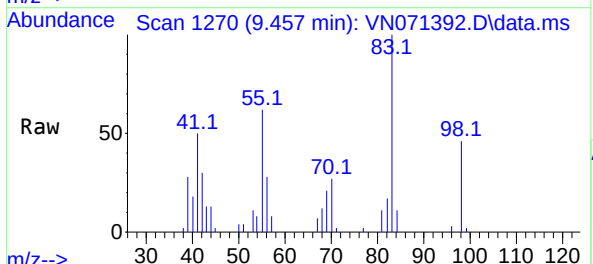
Tgt Ion:113 Resp: 35002
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 20.4 16.9 25.3

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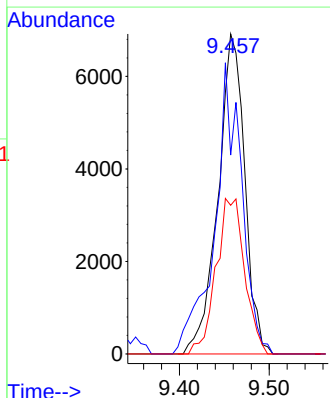
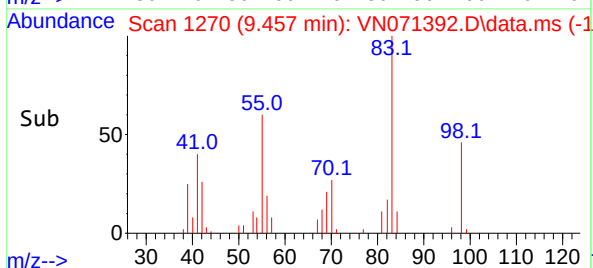
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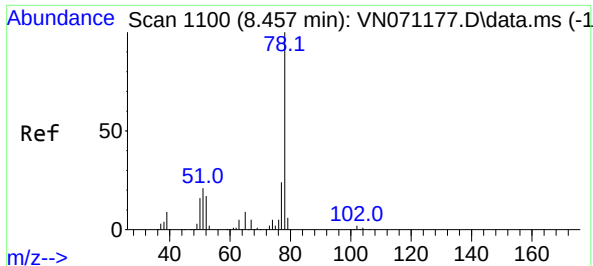


#39
Methylcyclohexane
Concen: 1.016 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53



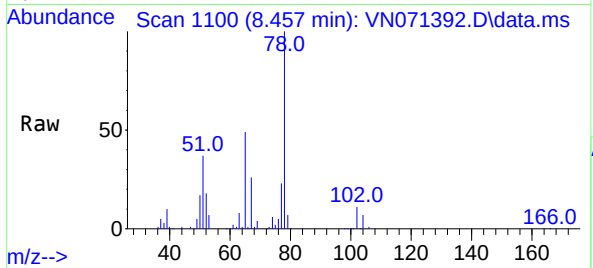
Tgt Ion: 83 Resp: 14300
Ion Ratio Lower Upper
83 100
55 62.2 58.1 87.1
98 46.5 38.4 57.6





#40
Benzene
Concen: 8.410 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

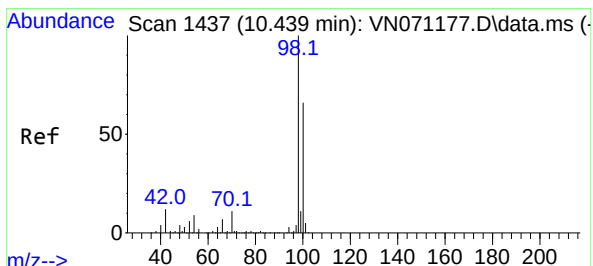
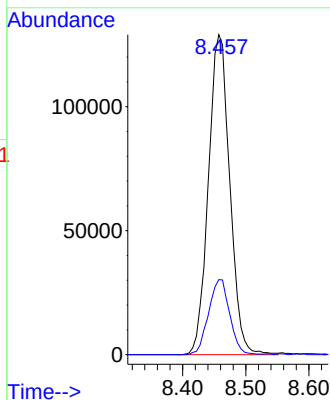
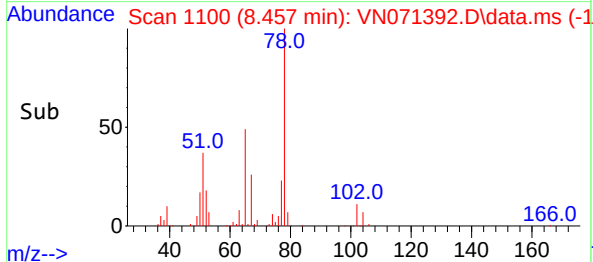
Instrument :
MSVOA_N
ClientSampleId :
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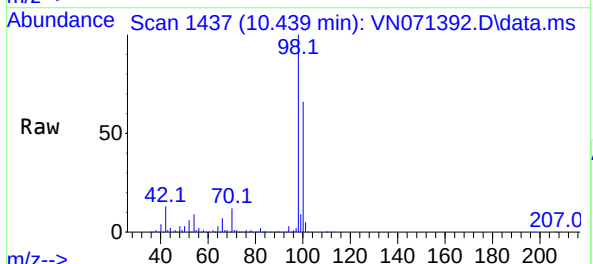
Tgt Ion: 78 Resp: 30325
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8

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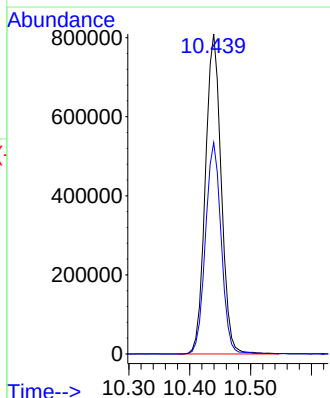
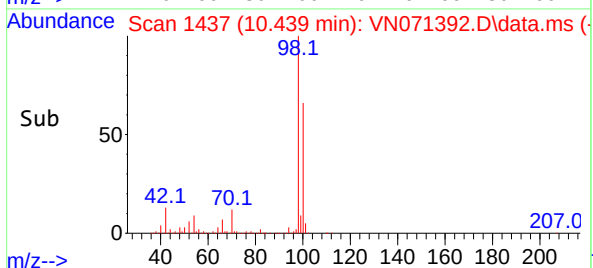
Reviewed By :John Carlone 03/21/2022
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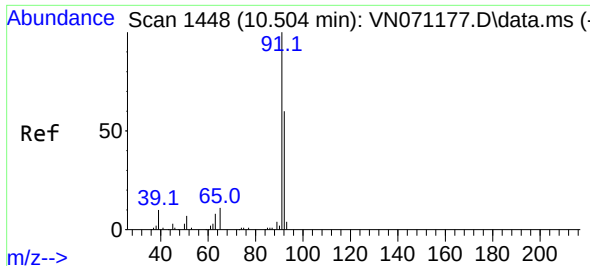


#50
Toluene-d8
Concen: 48.594 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53



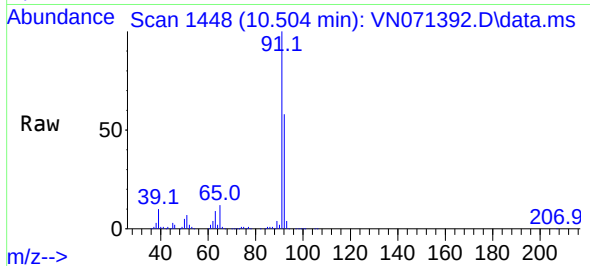
Tgt Ion: 98 Resp: 1461455
Ion Ratio Lower Upper
98 100
100 65.8 50.4 75.6





#52
Toluene
Concen: 77.387 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

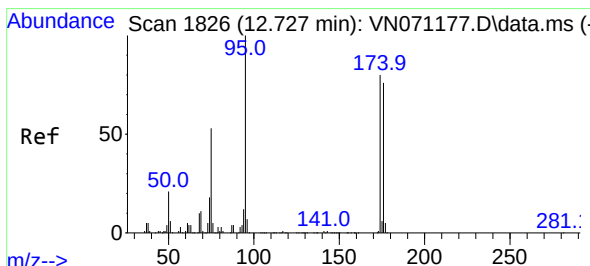
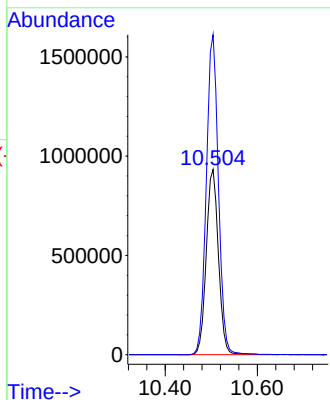
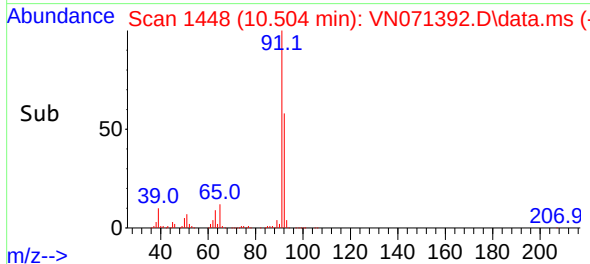
Instrument :
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31405DL



Tgt Ion: 92 Resp: 171829
Ion Ratio Lower Upper
92 100
91 171.7 142.0 213.0

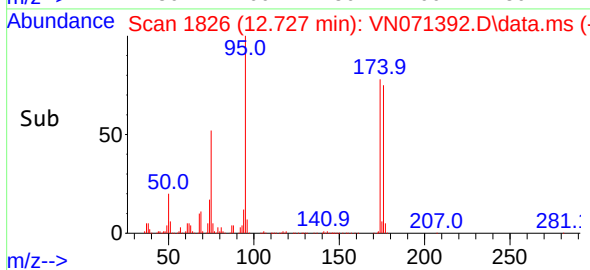
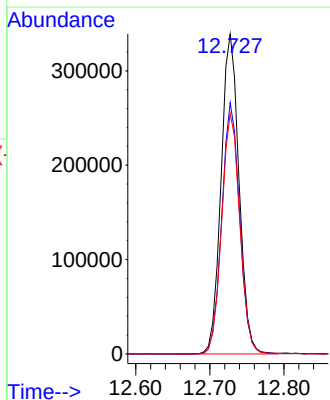
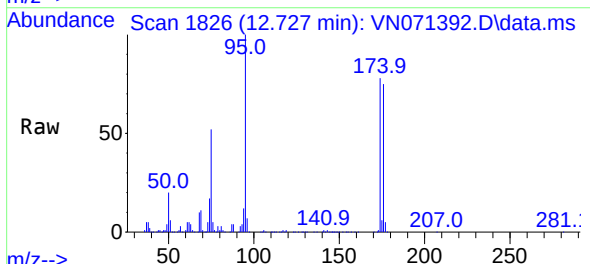
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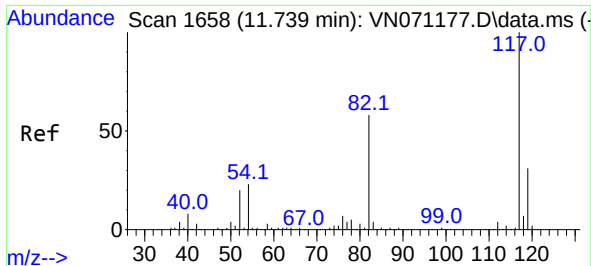
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#62
4-Bromofluorobenzene
Concen: 55.942 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

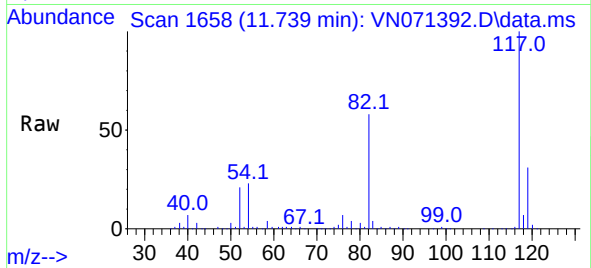
Tgt Ion: 95 Resp: 569709
Ion Ratio Lower Upper
95 100
174 78.3 0.0 187.2
176 75.9 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

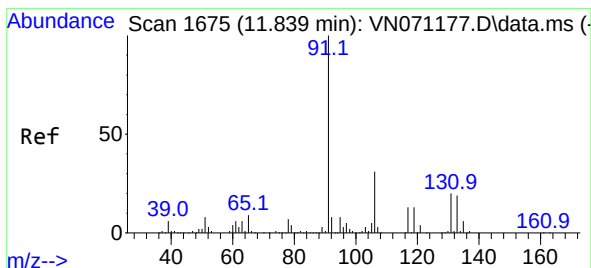
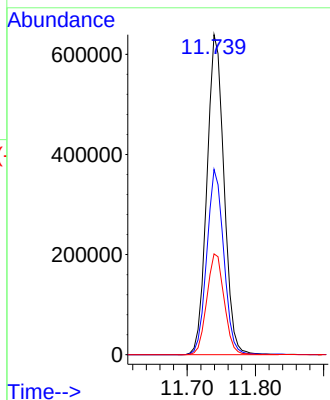
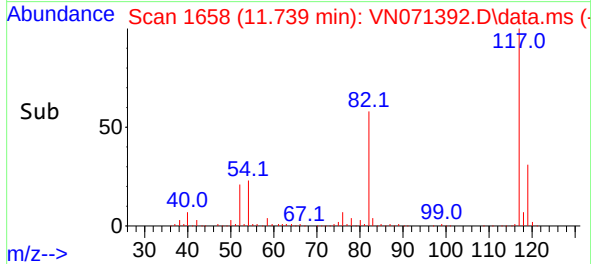
Instrument :
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31405DL



Tgt Ion: 117 Resp: 1116468
Ion Ratio Lower Upper
117 100
82 57.9 42.4 63.6
119 31.5 25.4 38.2

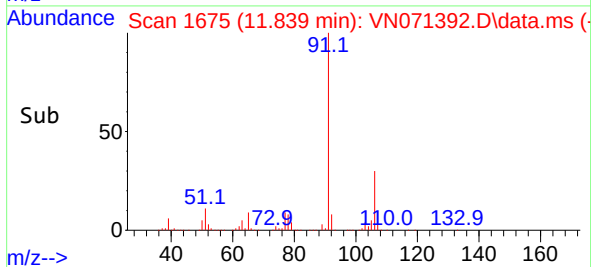
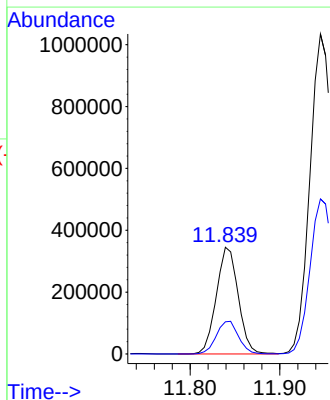
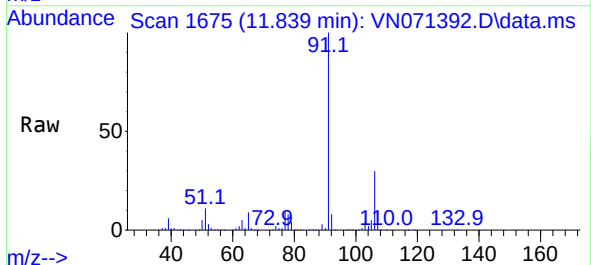
Manual Integrations
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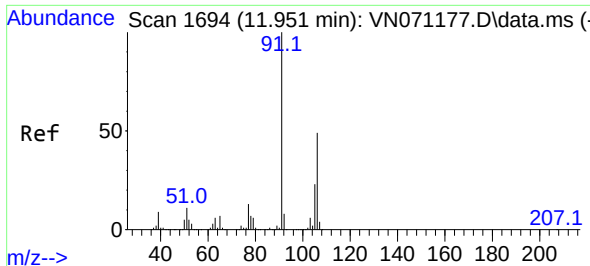
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#67
Ethyl Benzene
Concen: 13.782 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

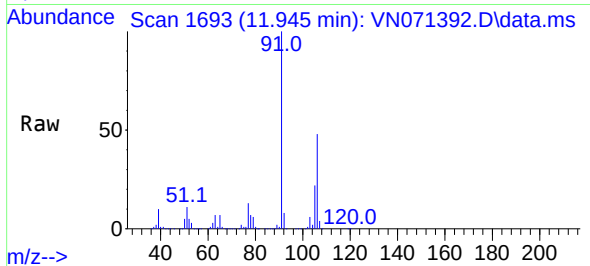
Tgt Ion: 91 Resp: 584265
Ion Ratio Lower Upper
91 100
106 30.2 25.7 38.5





#68
m/p-Xylenes
Concen: 61.140 ug/l
RT: 11.945 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

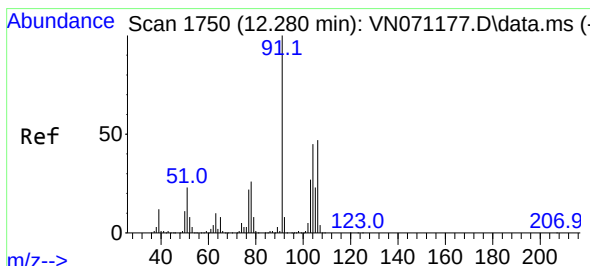
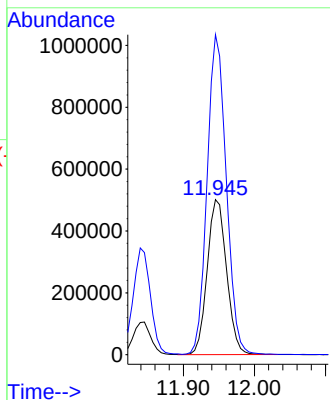
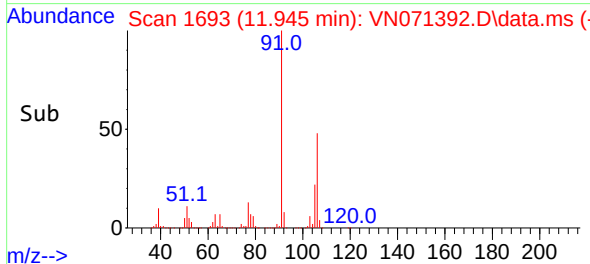
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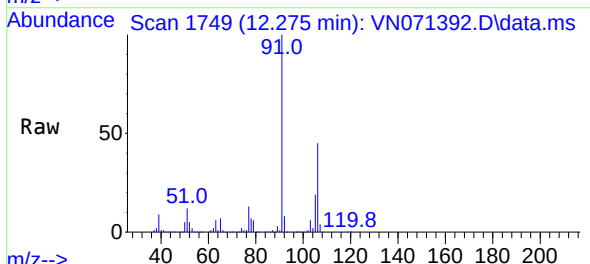
Tgt Ion:106 Resp: 948210
Ion Ratio Lower Upper
106 100
91 204.5 160.6 240.8

Manual Integrations
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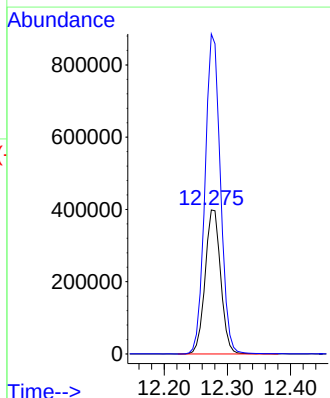
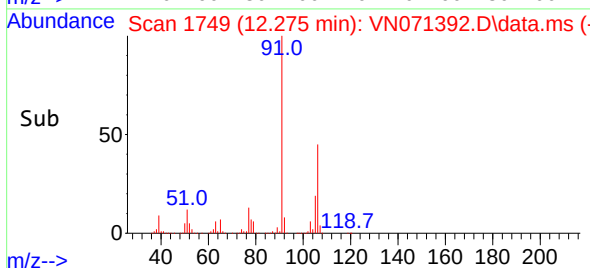
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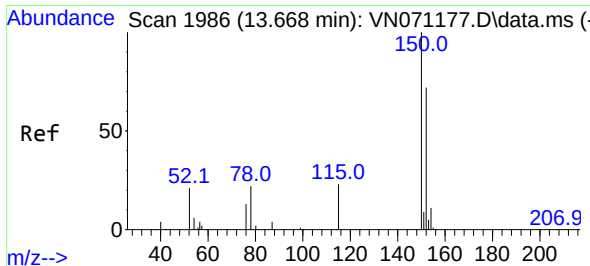


#69
o-Xylene
Concen: 43.849 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.005 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53



Tgt Ion:106 Resp: 681677
Ion Ratio Lower Upper
106 100
91 219.7 105.8 317.3





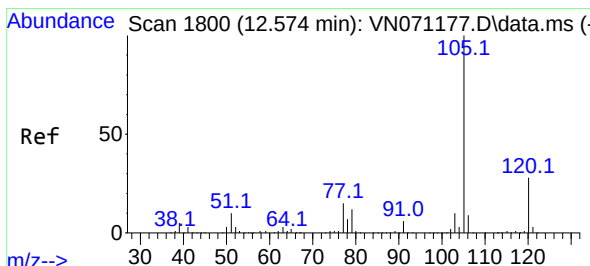
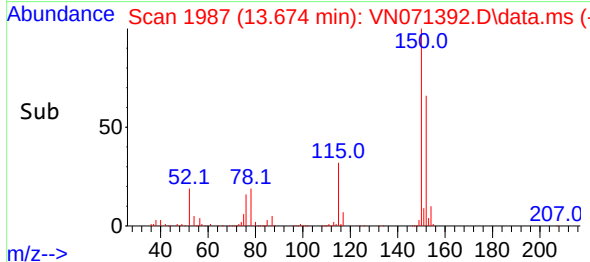
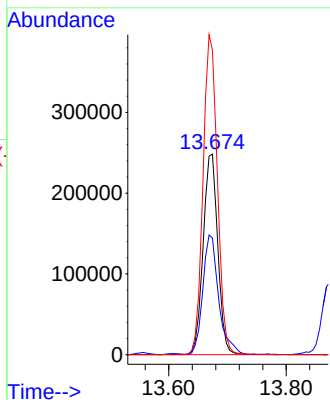
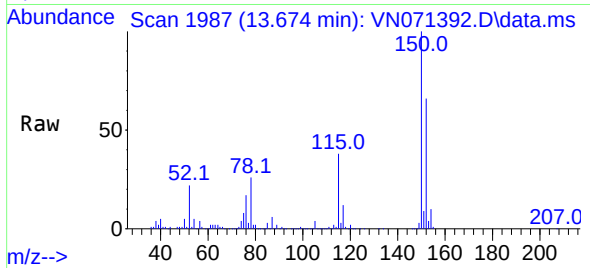
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Instrument :
MSVOA_N
ClientSampleId :
31405DL

Tgt Ion:152 Resp: 42964
Ion Ratio Lower Upper
152 100
115 64.3 27.5 82.5
150 156.8 0.0 344.4

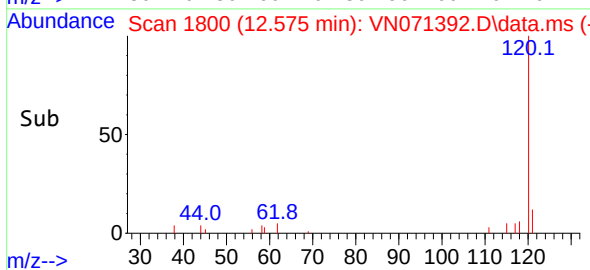
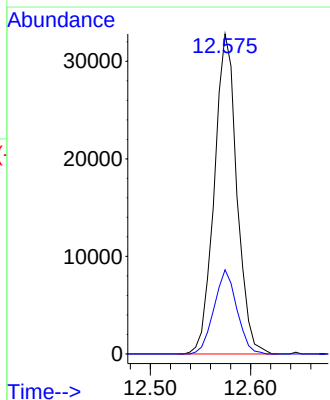
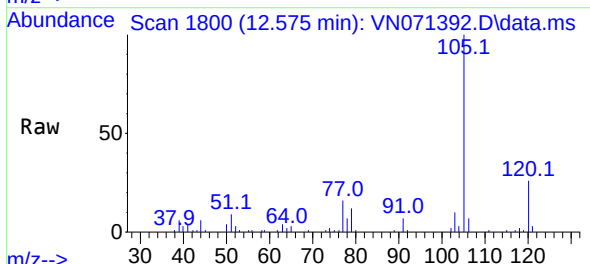
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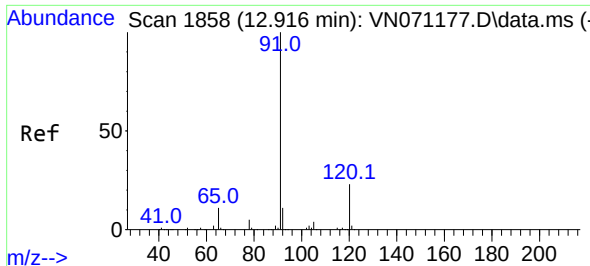
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#73
Isopropylbenzene
Concen: 1.237 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. 0.001 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Tgt Ion:105 Resp: 51241
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1





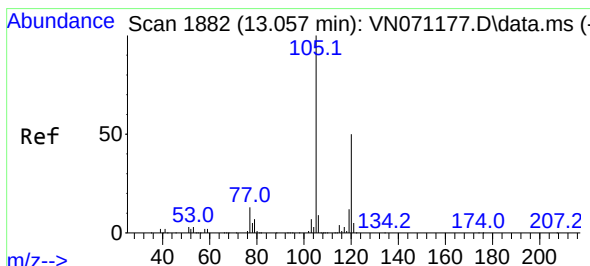
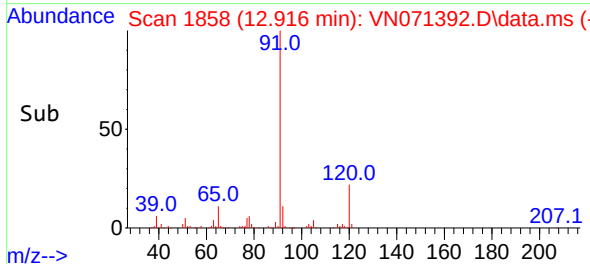
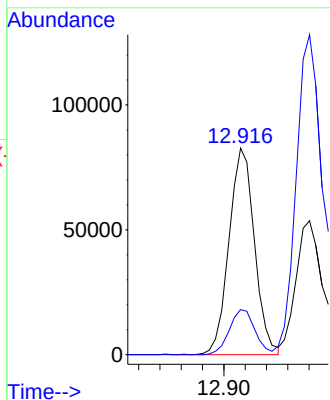
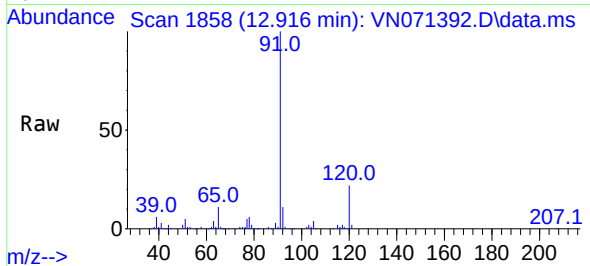
#78
n-propylbenzene
Concen: 3.099 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Instrument :
MSVOA_N
ClientSampleId :
31405DL

Tgt Ion: 91 Resp: 137738
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9

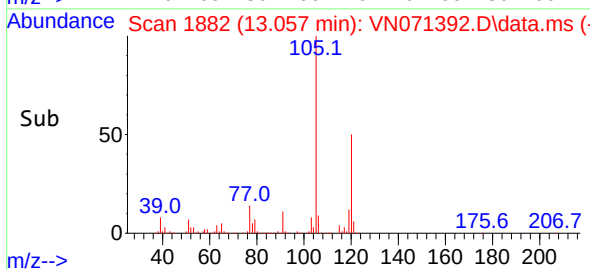
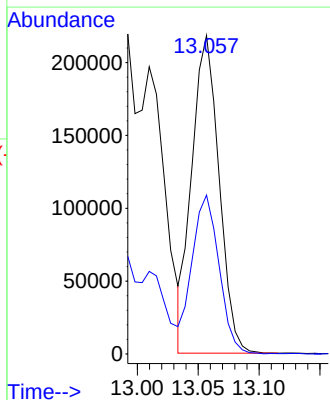
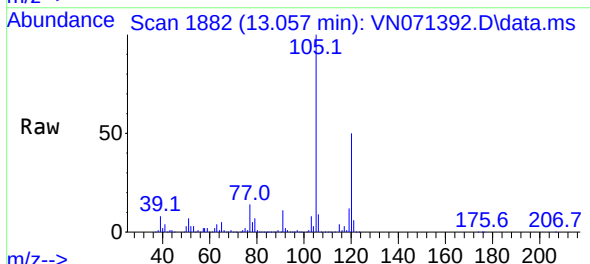
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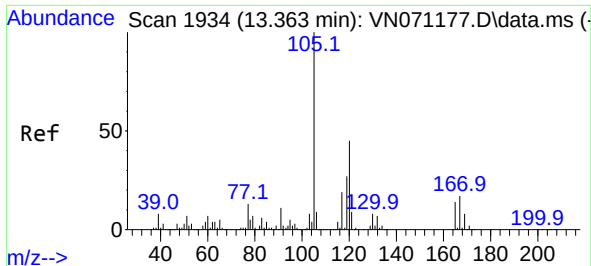
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 10.513 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

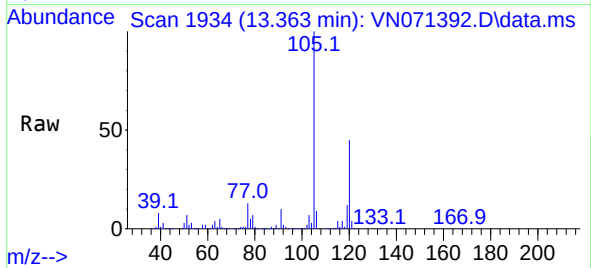
Tgt Ion:105 Resp: 338762
Ion Ratio Lower Upper
105 100
120 49.5 24.6 73.6





#84
1,2,4-Trimethylbenzene
Concen: 33.064 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

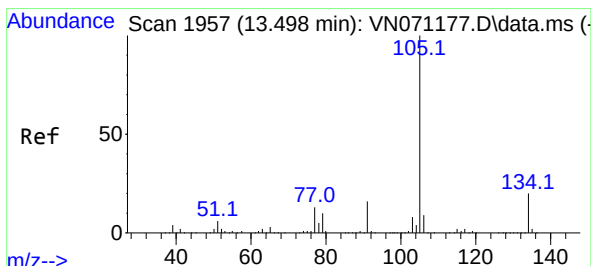
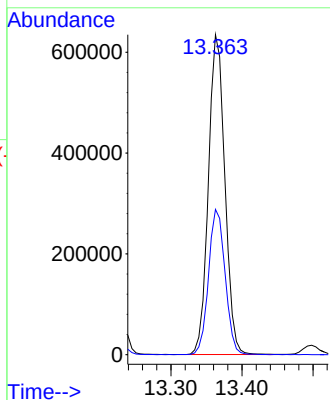
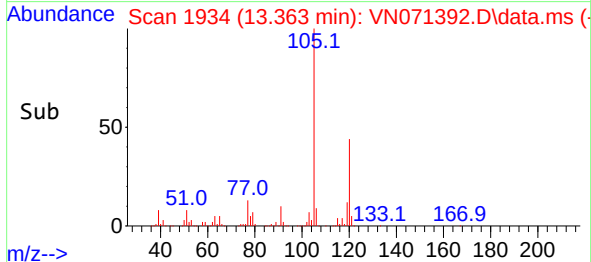
Instrument :
MSVOA_N
ClientSampleId :
31405DL



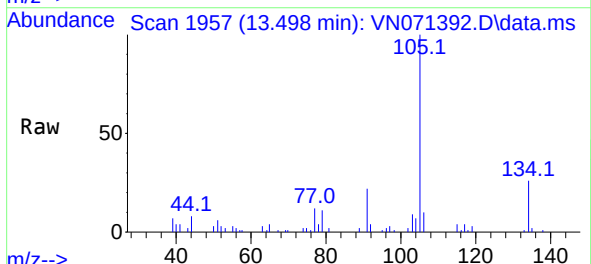
Tgt Ion:105 Resp: 102049
Ion Ratio Lower Upper
105 100
120 45.9 22.8 68.4

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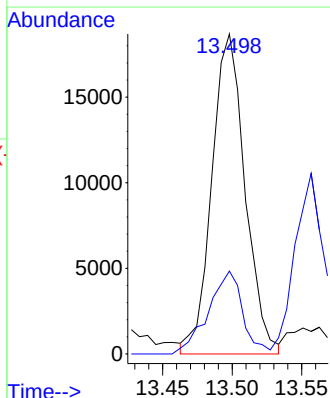
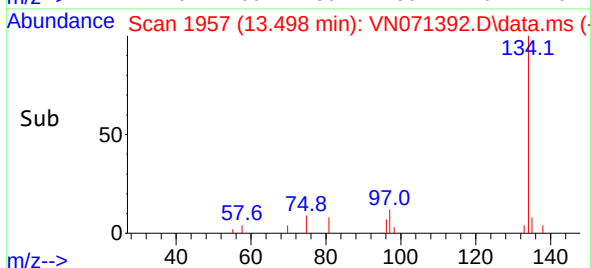
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

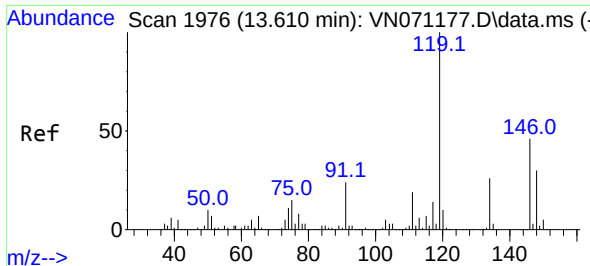


#85
sec-Butylbenzene
Concen: 0.814 ug/l m
RT: 13.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53



Tgt Ion:105 Resp: 31129
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#





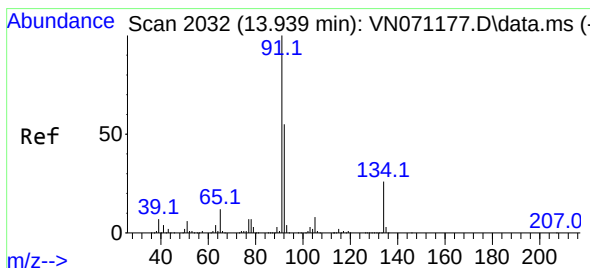
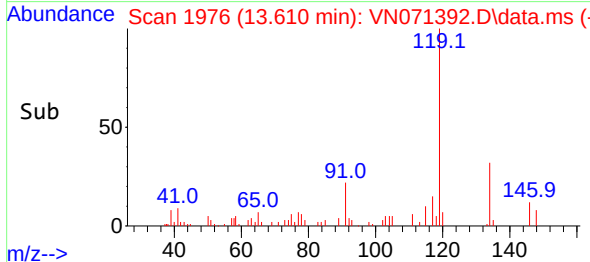
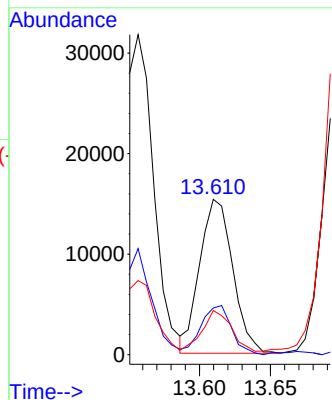
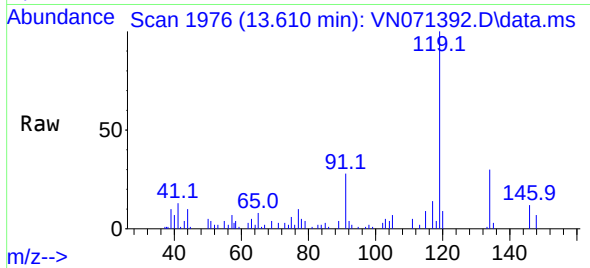
#86
p-Isopropyltoluene
Concen: 0.824 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Instrument :
MSVOA_N
ClientSampleId :
31405DL

Tgt Ion:119 Resp: 2475
Ion Ratio Lower Upper
119 100
134 29.6 13.6 40.7
91 22.5 11.4 34.1

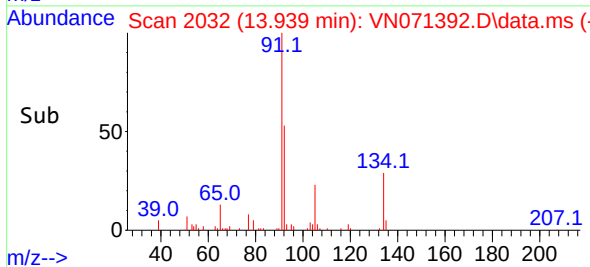
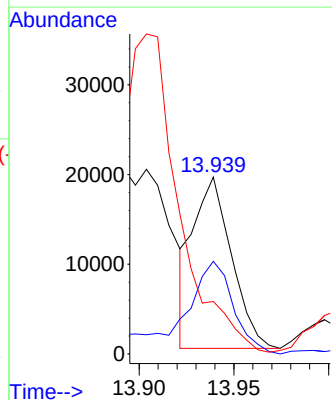
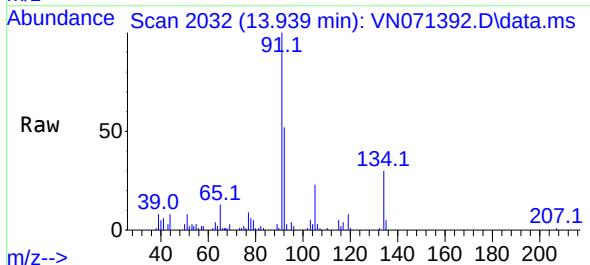
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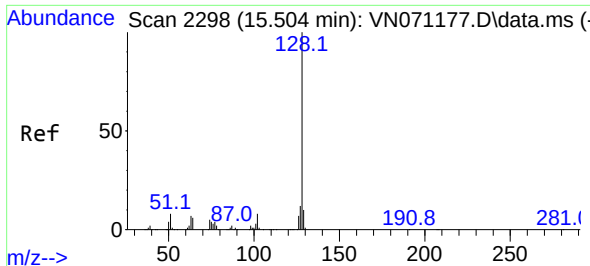
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#89
n-Butylbenzene
Concen: 1.140 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

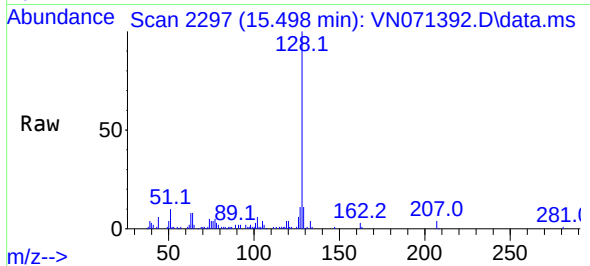
Tgt Ion: 91 Resp: 26809
Ion Ratio Lower Upper
91 100
92 64.5 25.4 76.0
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 8.371 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Instrument :
MSVOA_N
ClientSampleId :
31405DL



Tgt Ion:128 Resp: 72410
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 9.3 8.7 13.1

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Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

