

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050222\
 Data File : VN072291.D
 Acq On : 02 May 2022 13:11
 Operator : JC\MD
 Sample : N2617-01DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/03/2022
 Supervised By :Mahesh Dadoda 05/03/2022

Quant Time: May 03 03:10:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	219705	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	404313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	436120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	173201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	178857	53.027	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 106.060%		
35) Dibromofluoromethane	8.016	113	123149	47.588	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 95.180%		
50) Toluene-d8	10.439	98	521339	51.269	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 102.540%		
62) 4-Bromofluorobenzene	12.727	95	216206	64.058	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 128.120%		
Target Compounds						
					Qvalue	
31) Cyclohexane	8.092	56	33889	7.520	ug/l	# 85
39) Methylcyclohexane	9.457	83	24721	5.868	ug/l	# 86
52) Toluene	10.504	92	25279	3.619	ug/l	95
67) Ethyl Benzene	11.839	91	421400	27.422	ug/l	98
68) m/p-Xylenes	11.945	106	492147	86.243	ug/l	83
69) o-Xylene	12.274	106	94574	17.095	ug/l	89
73) Isopropylbenzene	12.574	105	121666	7.953	ug/l	97
78) n-propylbenzene	12.915	91	365720	21.702	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	316819	24.869	ug/l	95
84) 1,2,4-Trimethylbenzene	13.362	105	1202753	97.578	ug/l	94
85) sec-Butylbenzene	13.498	105	21907m	1.502	ug/l	
86) p-Isopropyltoluene	13.610	119	9222	0.811	ug/l	# 78
89) n-Butylbenzene	13.939	91	23554	2.705	ug/l	# 77
95) Naphthalene	15.498	128	339218	38.861	ug/l	99

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

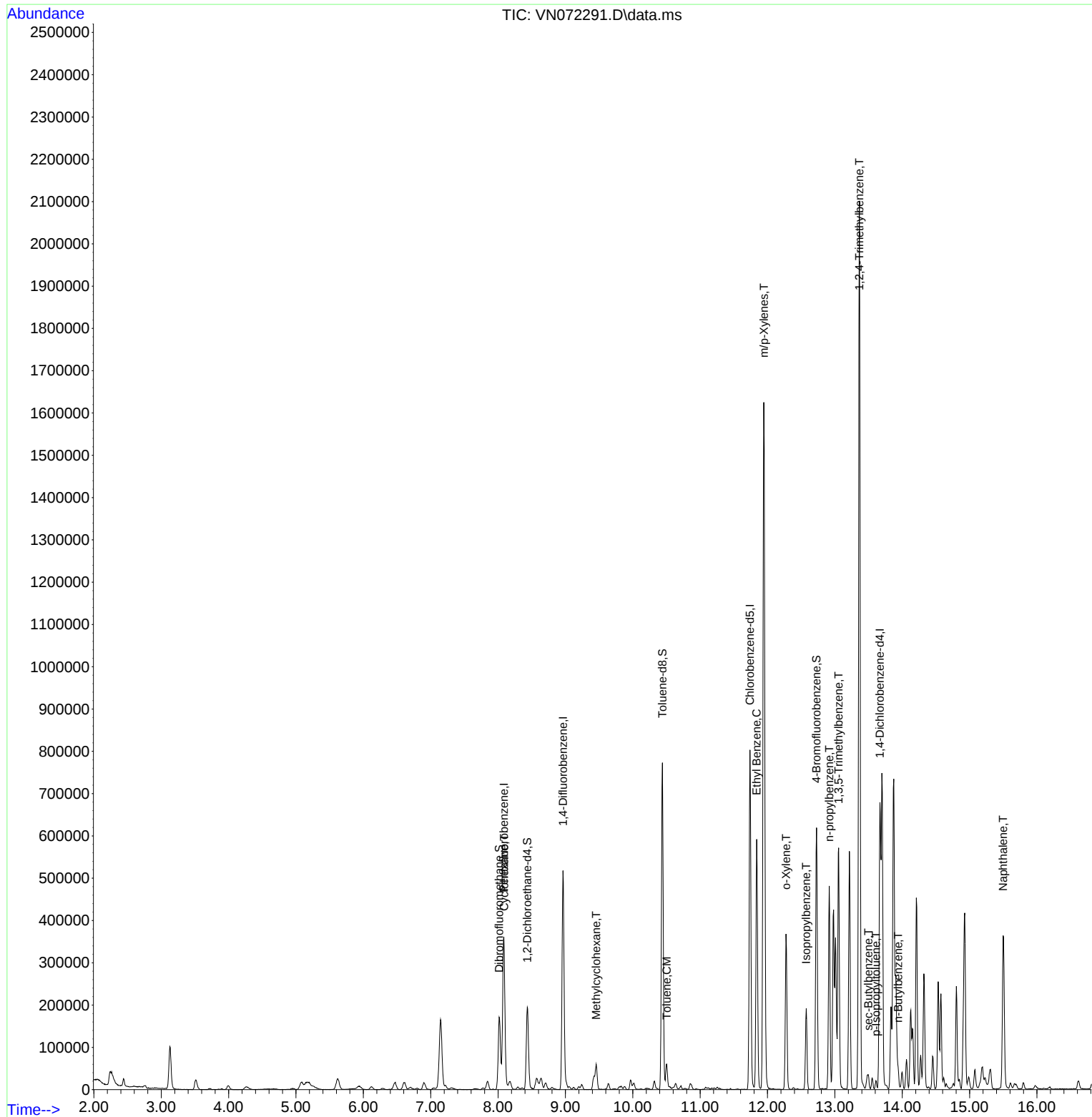
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050222\
Data File : VN072291.D
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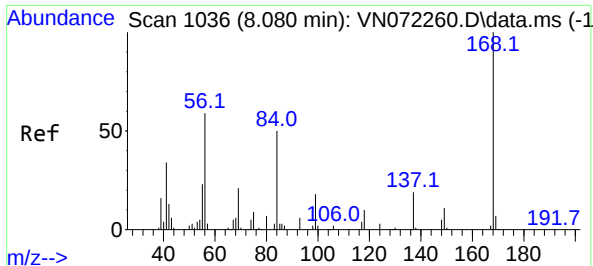
Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. 0.005 min

Lab File: VN072291.D

Acq: 02 May 2022 13:11

Instrument :

MSVOA_N

ClientSampleId :

MW-1DL

Tgt Ion:168 Resp: 21970

Ion Ratio Lower Upper

168 100

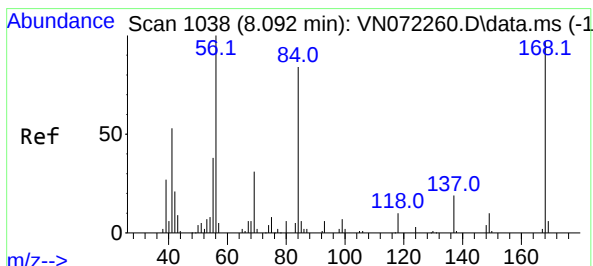
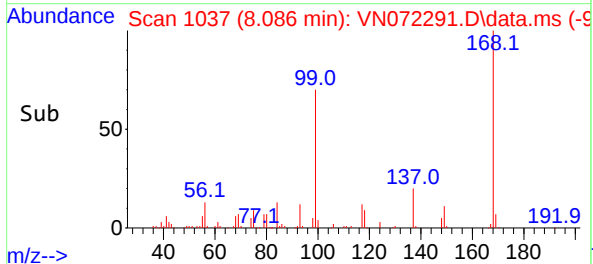
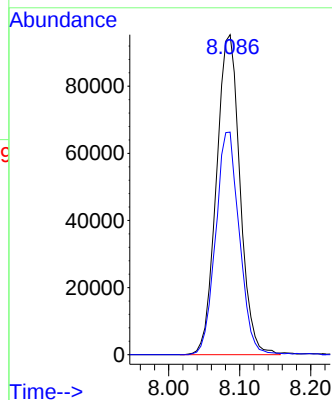
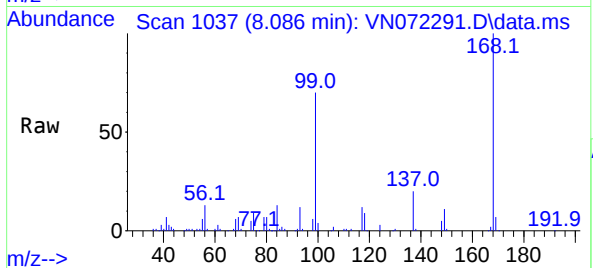
99 69.5 42.3 63.5

Manual Integrations

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Cyclohexane

Concen: 7.520 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN072291.D

Acq: 02 May 2022 13:11

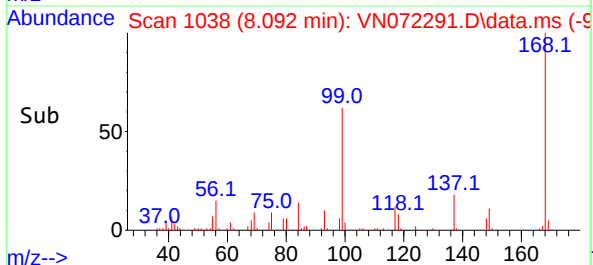
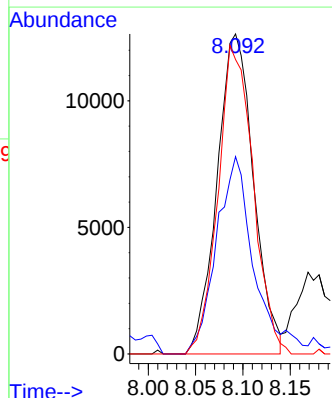
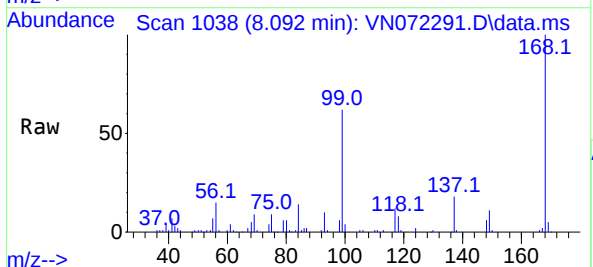
Tgt Ion: 56 Resp: 33889

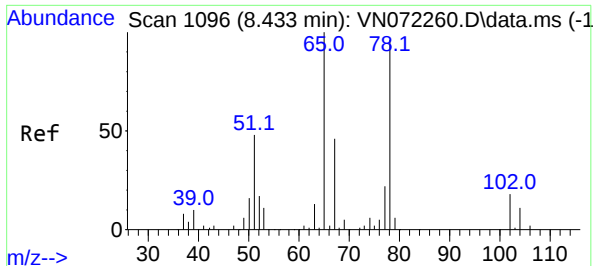
Ion Ratio Lower Upper

56 100

69 61.7 27.8 41.8

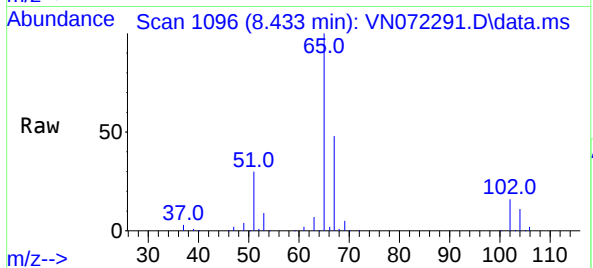
84 92.0 76.9 115.3





#33
1,2-Dichloroethane-d4
Concen: 53.027 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072291.D
Acq: 02 May 2022 13:11

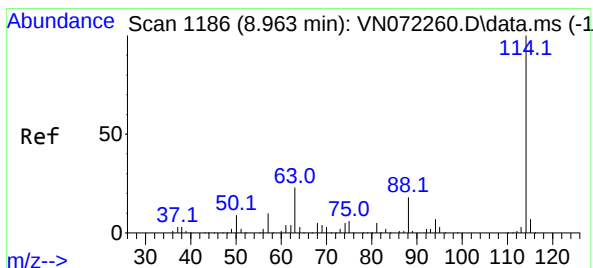
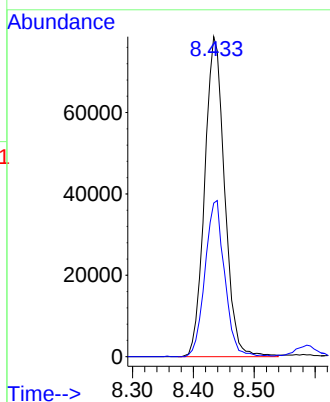
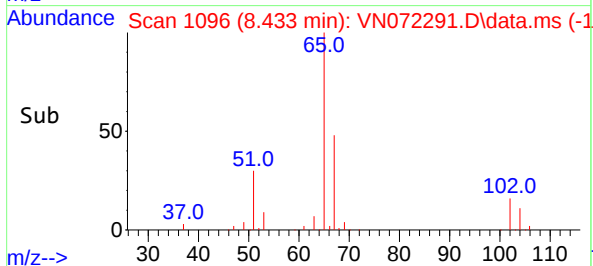
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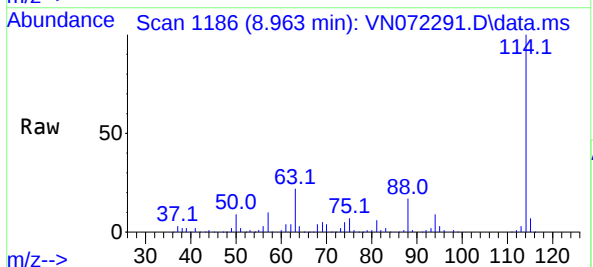
Tgt Ion: 65 Resp: 17885
Ion Ratio Lower Upper
65 100
67 48.2 0.0 104.8

Manual Integrations
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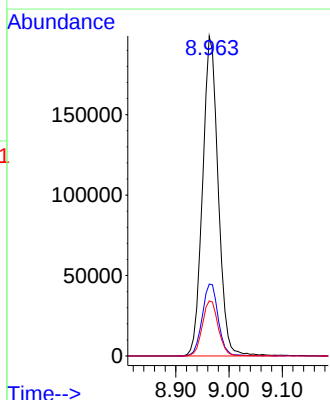
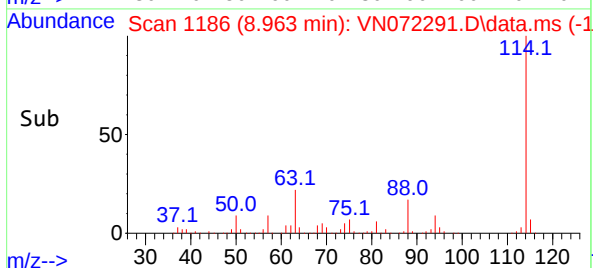
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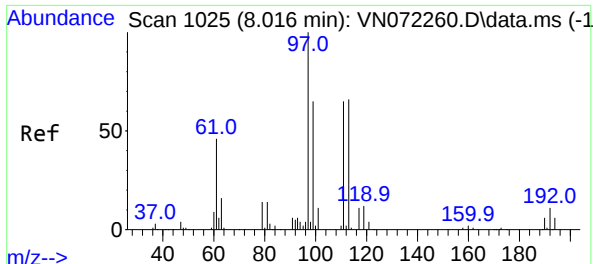


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072291.D
Acq: 02 May 2022 13:11



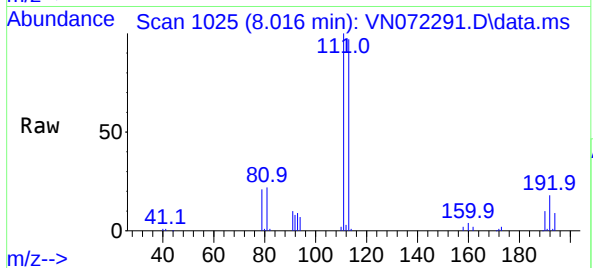
Tgt Ion:114 Resp: 404313
Ion Ratio Lower Upper
114 100
63 22.5 0.0 40.0
88 17.2 0.0 32.6





#35
Dibromofluoromethane
Concen: 47.588 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072291.D
Acq: 02 May 2022 13:11

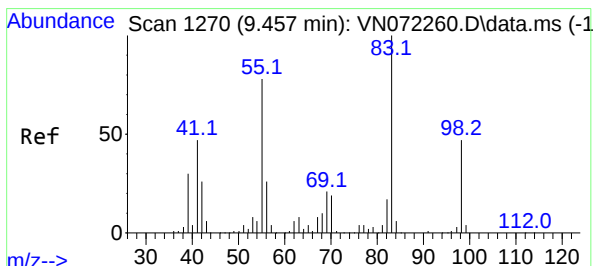
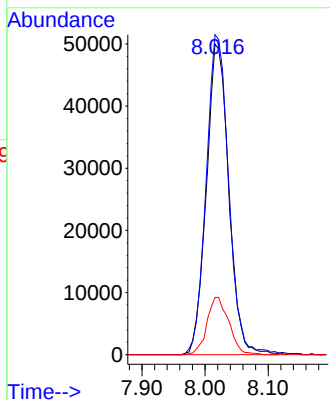
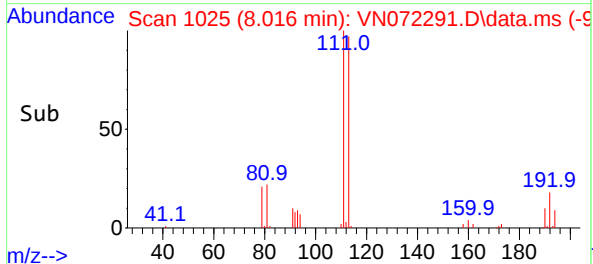
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL



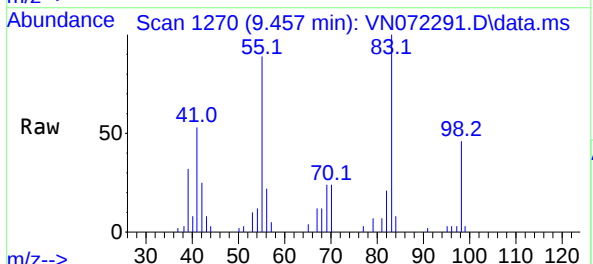
Tgt Ion: 113 Resp: 123149
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.0
192 18.1 17.0 25.6

Manual Integrations
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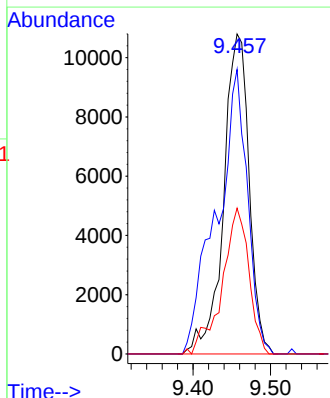
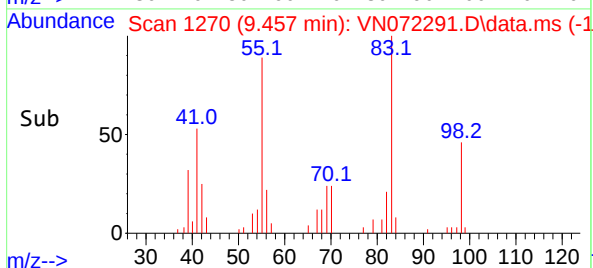
Reviewed By :John Carlone 05/03/2022
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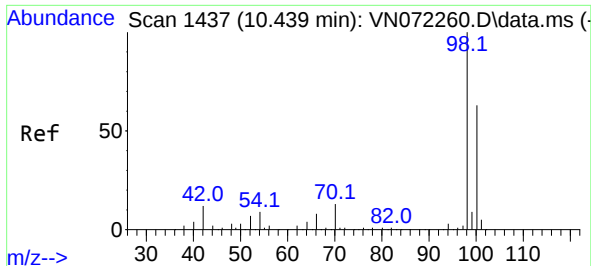


#39
Methylcyclohexane
Concen: 5.868 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN072291.D
Acq: 02 May 2022 13:11



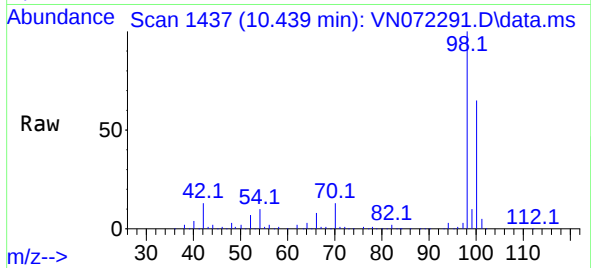
Tgt Ion: 83 Resp: 24721
Ion Ratio Lower Upper
83 100
55 88.9 57.8 86.8#
98 45.6 39.4 59.2





#50
Toluene-d8
Concen: 51.269 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072291.D
Acq: 02 May 2022 13:11

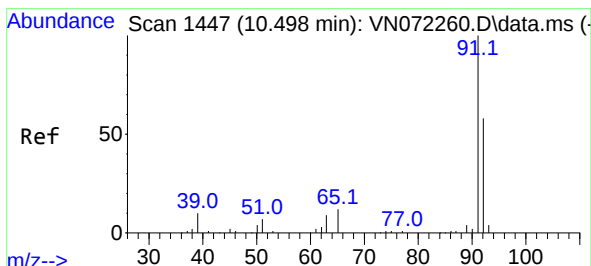
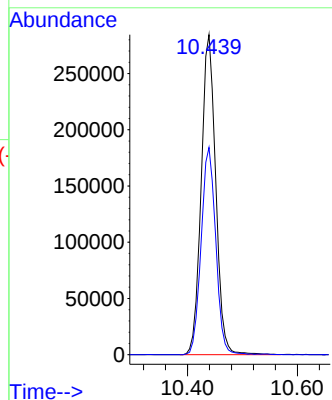
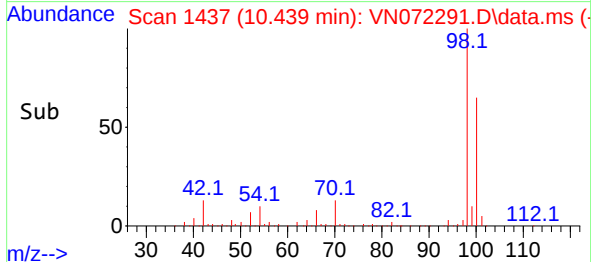
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL



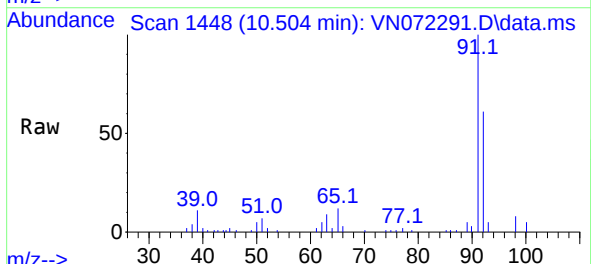
Tgt Ion: 98 Resp: 521339
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

Manual Integrations
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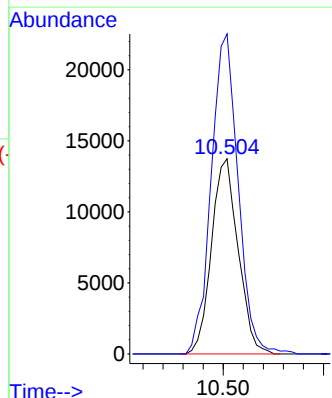
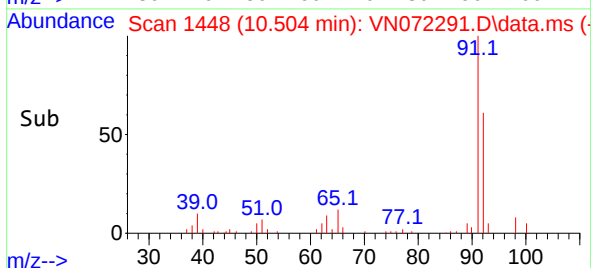
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

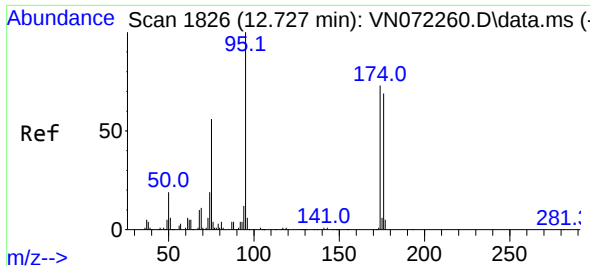


#52
Toluene
Concen: 3.619 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072291.D
Acq: 02 May 2022 13:11



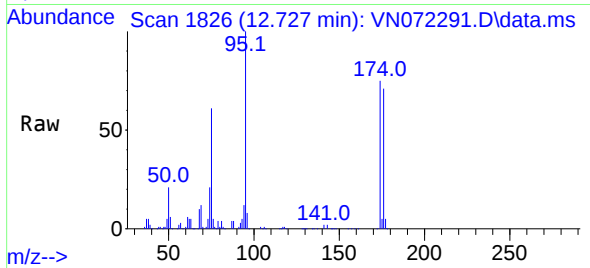
Tgt Ion: 92 Resp: 25279
Ion Ratio Lower Upper
92 100
91 166.0 138.6 207.8





#62
4-Bromofluorobenzene
Concen: 64.058 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072291.D
Acq: 02 May 2022 13:11

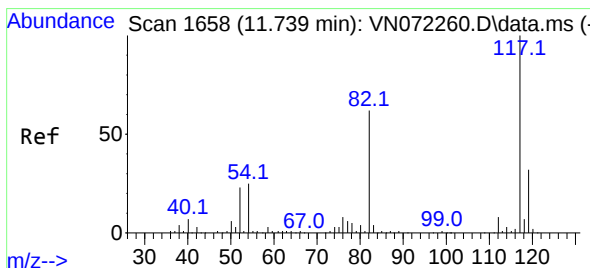
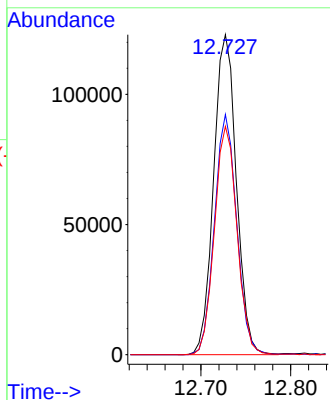
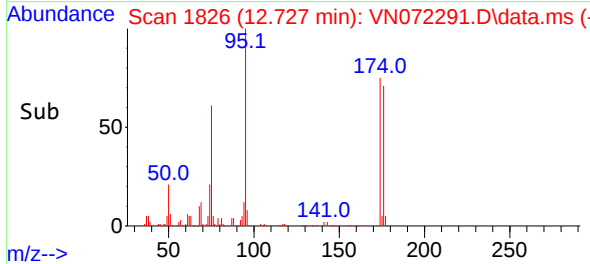
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL



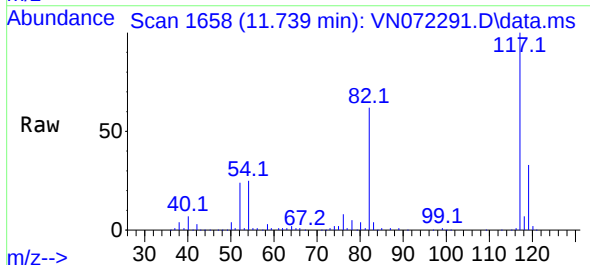
Tgt Ion: 95 Resp: 216200
Ion Ratio Lower Upper
95 100
174 73.6 0.0 167.6
176 70.8 0.0 163.4

Manual Integrations
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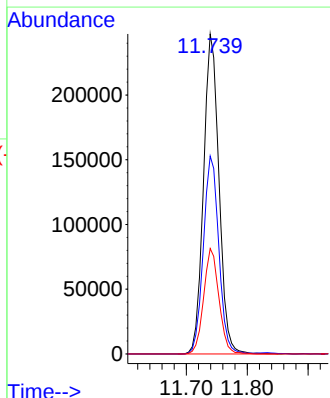
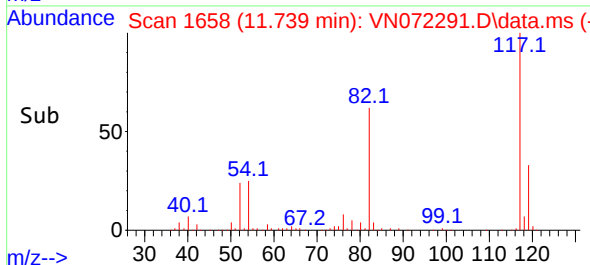
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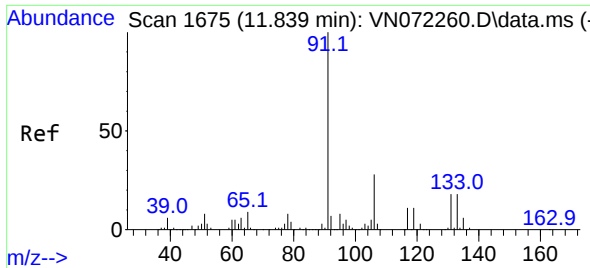


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072291.D
Acq: 02 May 2022 13:11



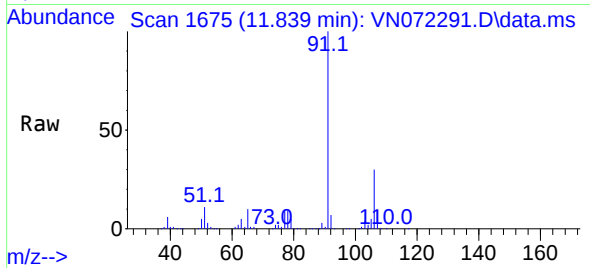
Tgt Ion:117 Resp: 436120
Ion Ratio Lower Upper
117 100
82 61.9 44.2 66.2
119 33.0 25.4 38.0





#67
Ethyl Benzene
Concen: 27.422 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072291.D
Acq: 02 May 2022 13:11

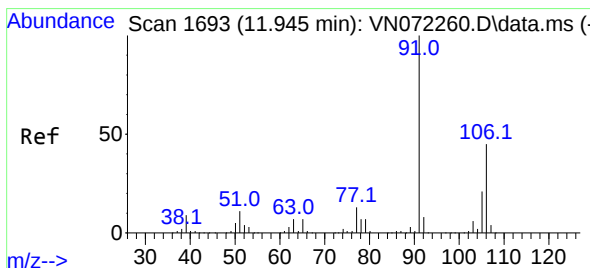
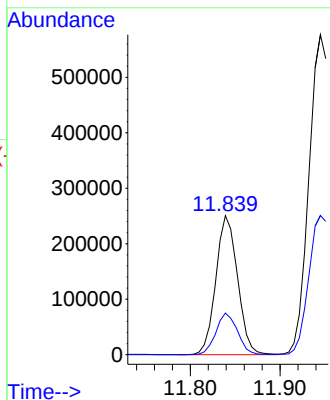
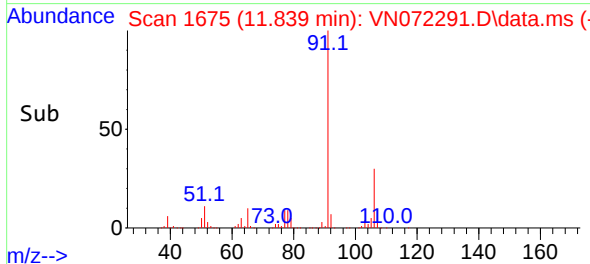
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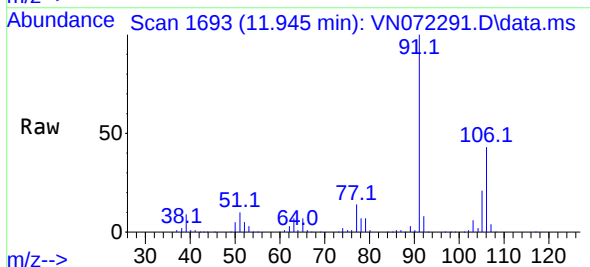
Tgt Ion: 91 Resp: 421400
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3

Manual Integrations
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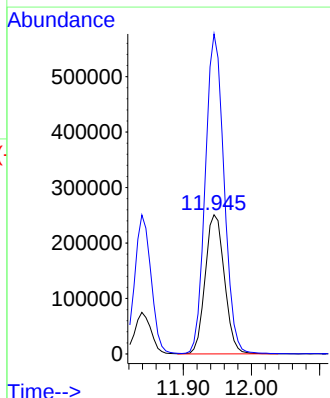
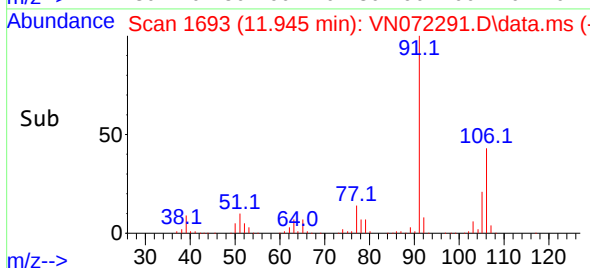
Reviewed By :John Carlone 05/03/2022
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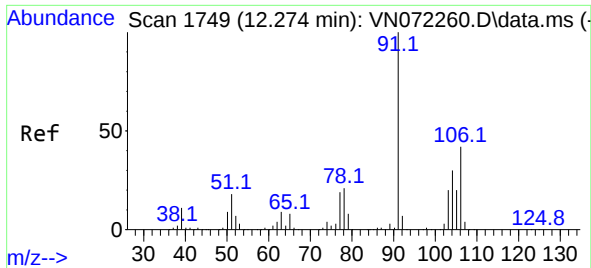


#68
m/p-Xylenes
Concen: 86.243 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072291.D
Acq: 02 May 2022 13:11



Tgt Ion:106 Resp: 492147
Ion Ratio Lower Upper
106 100
91 224.4 158.9 238.3





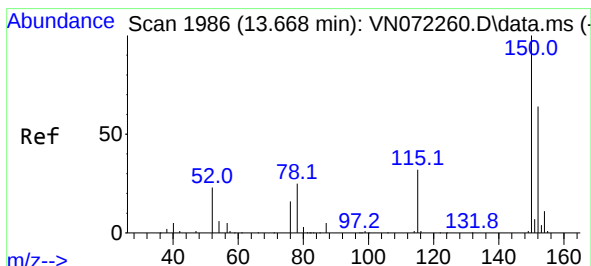
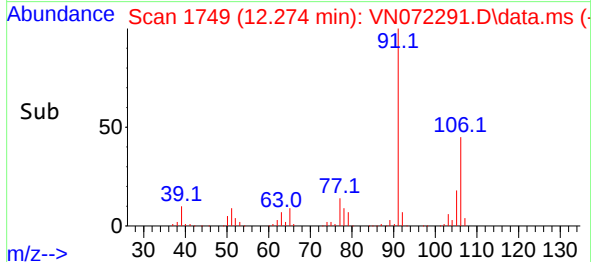
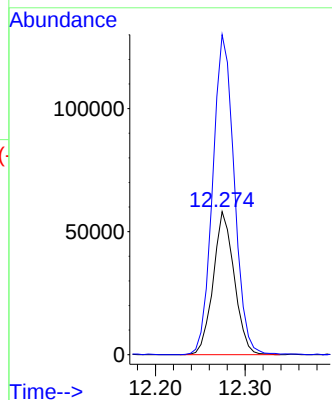
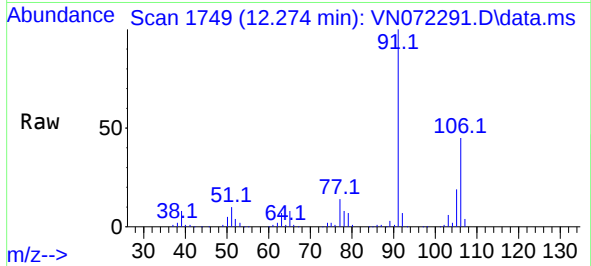
#69
o-Xylene
Concen: 17.095 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072291.D
Acq: 02 May 2022 13:11

Instrument :
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ClientSampleId :
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Tgt Ion:106 Resp: 94574
Ion Ratio Lower Upper
106 100
91 229.8 106.0 318.0

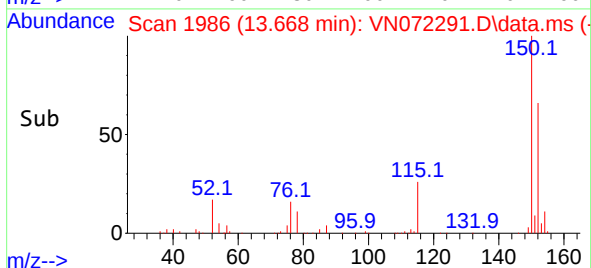
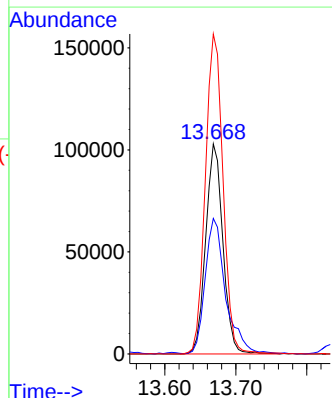
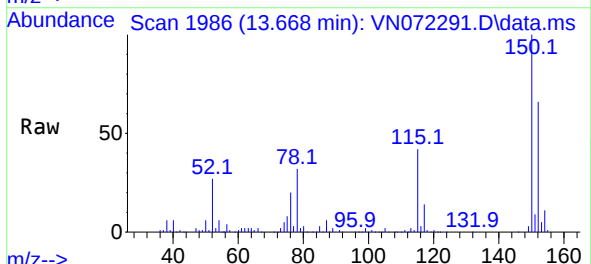
Manual Integrations
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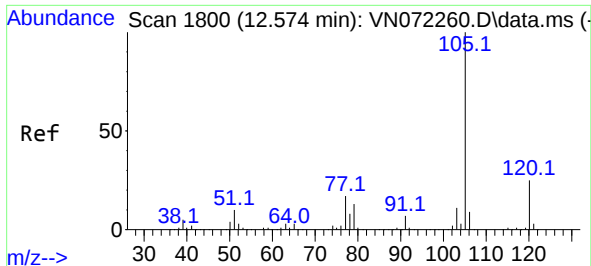
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072291.D
Acq: 02 May 2022 13:11

Tgt Ion:152 Resp: 173201
Ion Ratio Lower Upper
152 100
115 76.4 28.9 86.7
150 156.8 0.0 356.2





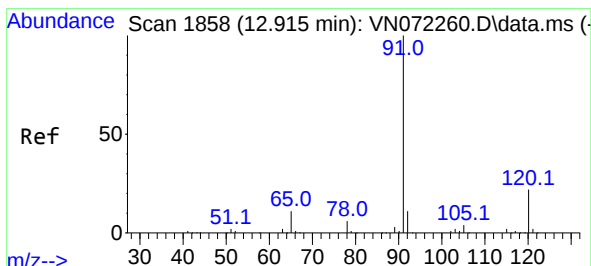
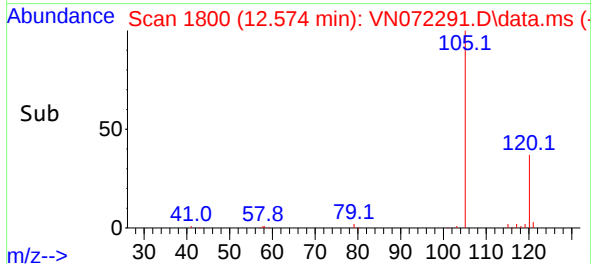
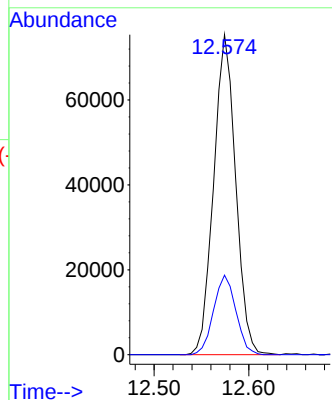
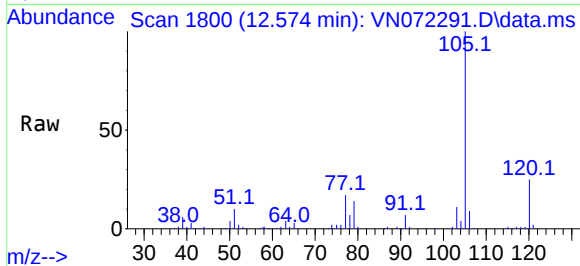
#73
Isopropylbenzene
Concen: 7.953 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072291.D
Acq: 02 May 2022 13:11

Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

Tgt Ion:105 Resp: 121660
Ion Ratio Lower Upper
105 100
120 25.1 13.5 40.4

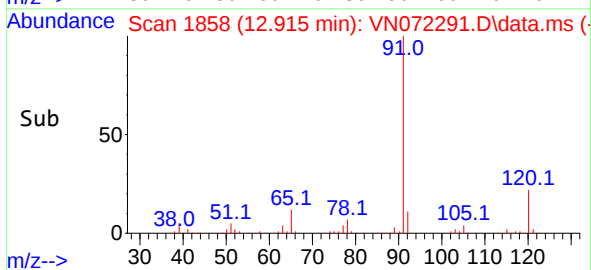
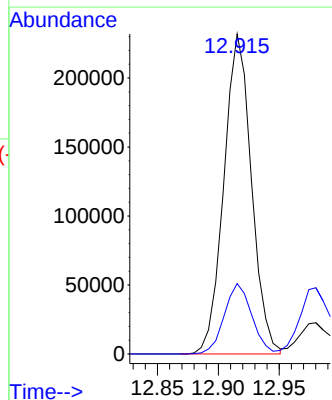
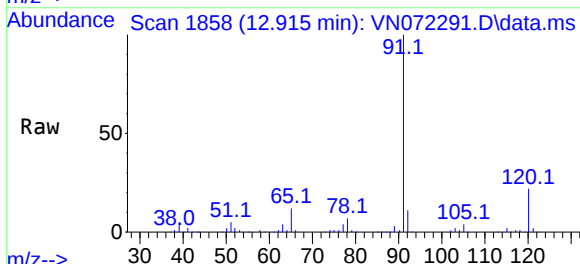
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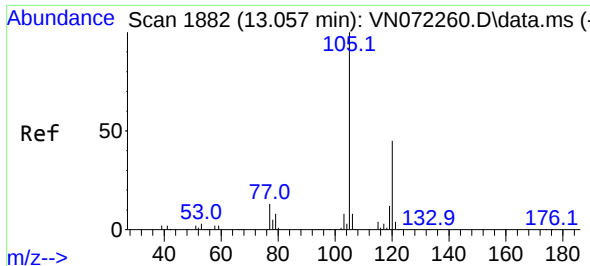
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#78
n-propylbenzene
Concen: 21.702 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072291.D
Acq: 02 May 2022 13:11

Tgt Ion: 91 Resp: 365720
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.5





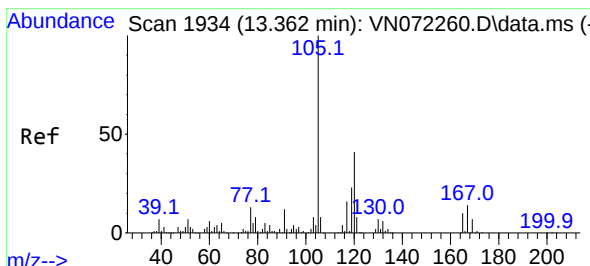
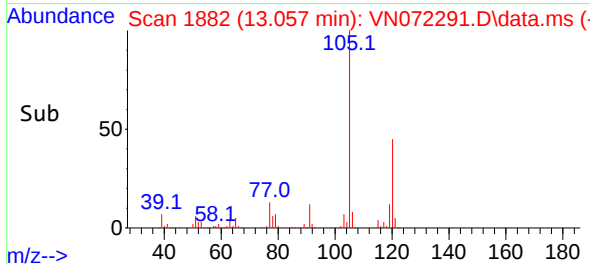
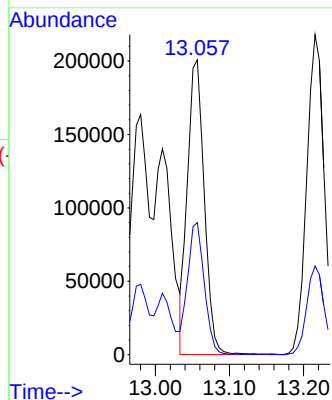
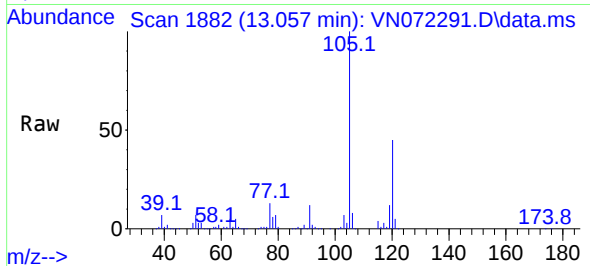
#80
1,3,5-Trimethylbenzene
Concen: 24.869 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072291.D
Acq: 02 May 2022 13:11

Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

Tgt Ion:105 Resp: 316819
Ion Ratio Lower Upper
105 100
120 46.0 24.9 74.7

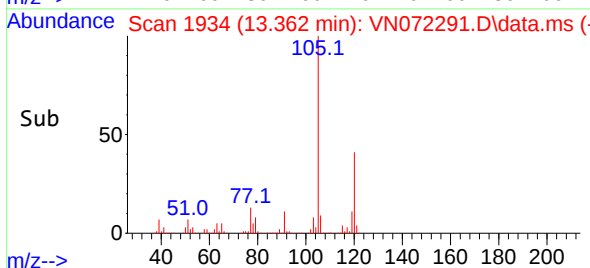
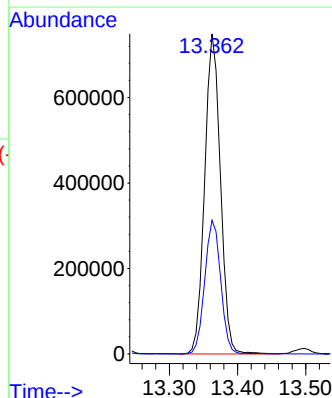
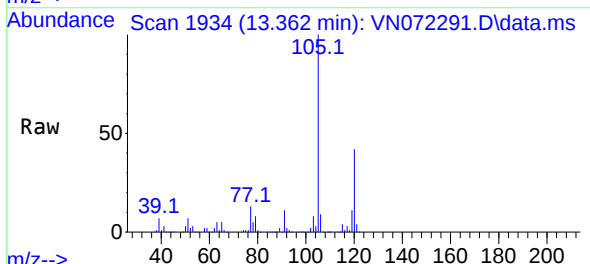
Manual Integrations
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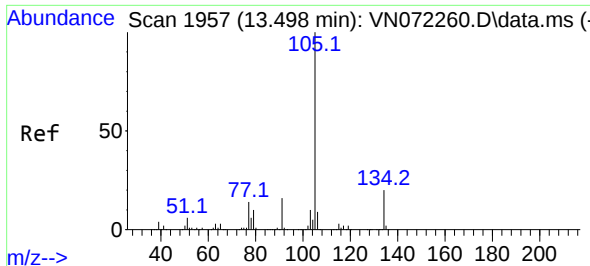
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#84
1,2,4-Trimethylbenzene
Concen: 97.578 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN072291.D
Acq: 02 May 2022 13:11

Tgt Ion:105 Resp: 1202753
Ion Ratio Lower Upper
105 100
120 42.3 23.3 69.8





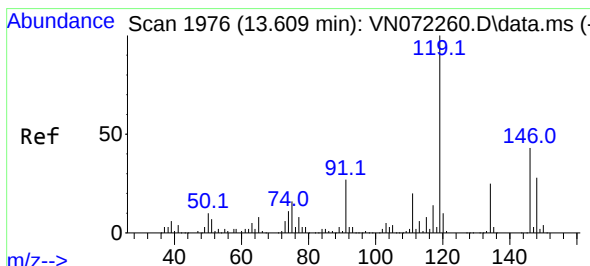
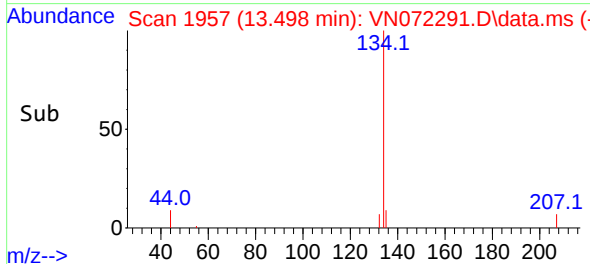
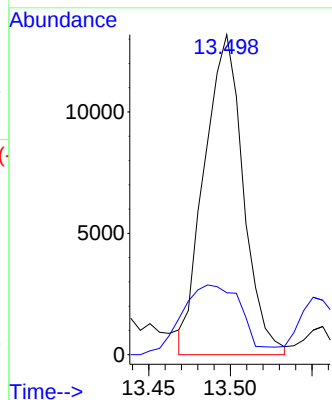
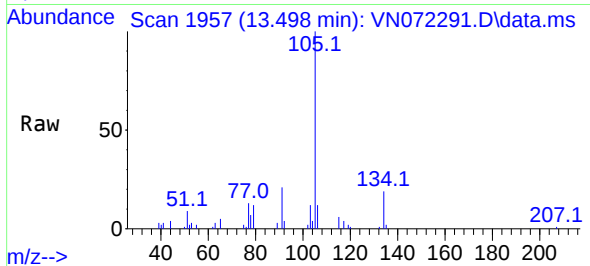
#85
 sec-Butylbenzene
 Concen: 1.502 ug/l m
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072291.D
 Acq: 02 May 2022 13:11

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL

Tgt Ion:105 Resp: 2190
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1

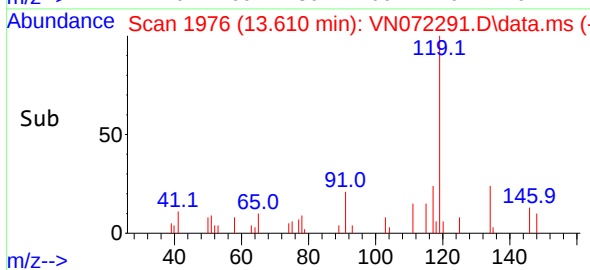
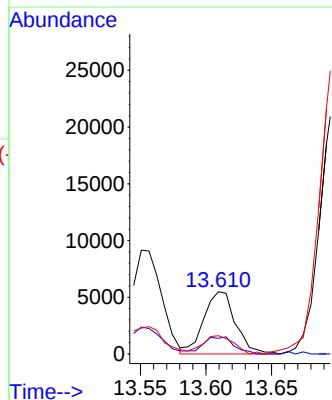
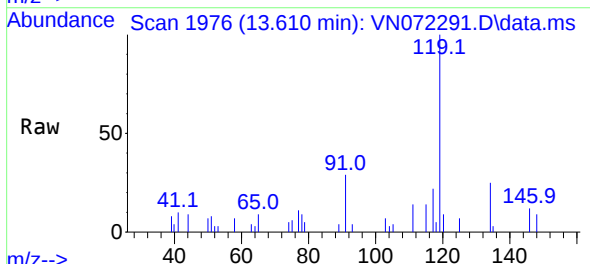
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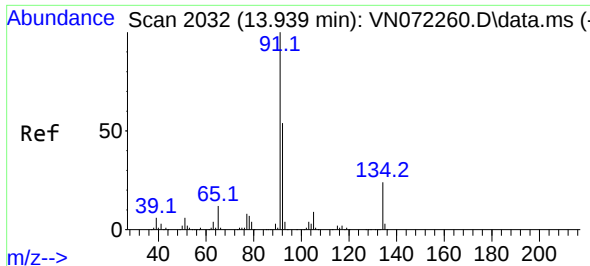
Reviewed By :John Carlone 05/03/2022
 Supervised By :Mahesh Dadoda 05/03/2022



#86
 p-Isopropyltoluene
 Concen: 0.811 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072291.D
 Acq: 02 May 2022 13:11

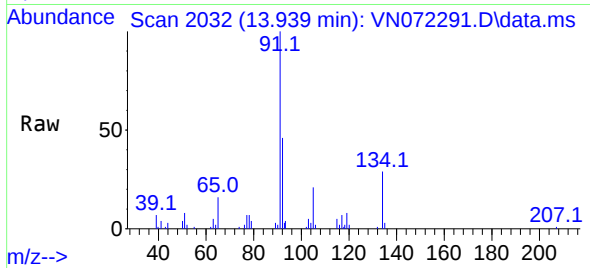
Tgt Ion:119 Resp: 9222
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.3 39.8
 91 0.0 11.3 33.9





#89
n-Butylbenzene
Concen: 2.705 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072291.D
Acq: 02 May 2022 13:11

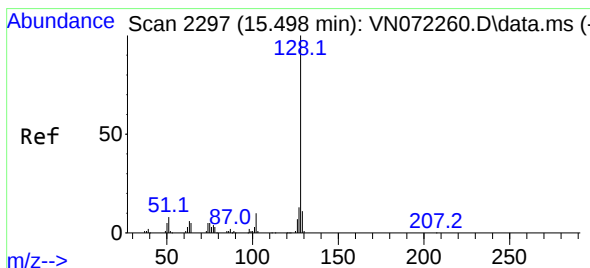
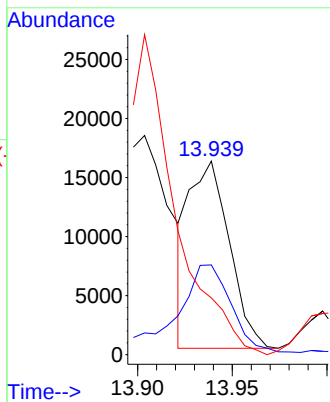
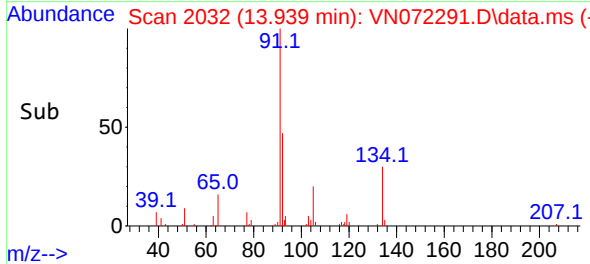
Instrument :
MSVOA_N
Client SampleId :
MW-1DL



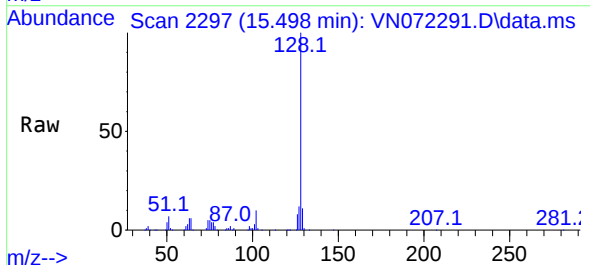
Tgt Ion: 91 Resp: 23554
Ion Ratio Lower Upper
91 100
92 59.9 26.9 80.7
134 0.0 13.6 40.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#95
Naphthalene
Concen: 38.861 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072291.D
Acq: 02 May 2022 13:11



Tgt Ion:128 Resp: 339218
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 11.0 8.6 13.0

