

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062222\
 Data File : VN073032.D
 Acq On : 22 Jun 2022 18:07
 Operator : JC\MD
 Sample : N3381-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PZ-7

Quant Time: Jun 23 07:33:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 06/23/2022
 Supervised By :Mahesh Dadoda 06/23/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	301465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	476660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	448844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	233488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	177462	43.541	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.080%		
35) Dibromofluoromethane	7.951	113	151397	51.387	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.780%		
50) Toluene-d8	10.375	98	504551	46.024	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.040%		
62) 4-Bromofluorobenzene	12.669	95	230913	58.576	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	117.160%		
Target Compounds					Qvalue	
16) Acetone	4.222	43	88374m	39.446	ug/l	
25) 2-Butanone	7.269	43	7174	2.018	ug/l	90
31) Cyclohexane	8.022	56	289083	52.435	ug/l	93
39) Methylcyclohexane	9.392	83	39735	8.269	ug/l	92
40) Benzene	8.387	78	255458	20.390	ug/l	99
52) Toluene	10.439	92	458621	59.623	ug/l	100
67) Ethyl Benzene	11.780	91	1654750	107.237	ug/l	100
68) m/p-Xylenes	11.886	106	2303952	380.680	ug/l	95
69) o-Xylene	12.216	106	30366	5.021	ug/l	100
73) Isopropylbenzene	12.516	105	712042	39.419	ug/l	99
78) n-propylbenzene	12.857	91	1074223	54.066	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	178310	12.018	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	43312	2.931	ug/l	97
85) sec-Butylbenzene	13.439	105	9851	0.543	ug/l #	72
95) Naphthalene	15.427	128	1002863	55.599	ug/l	100

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

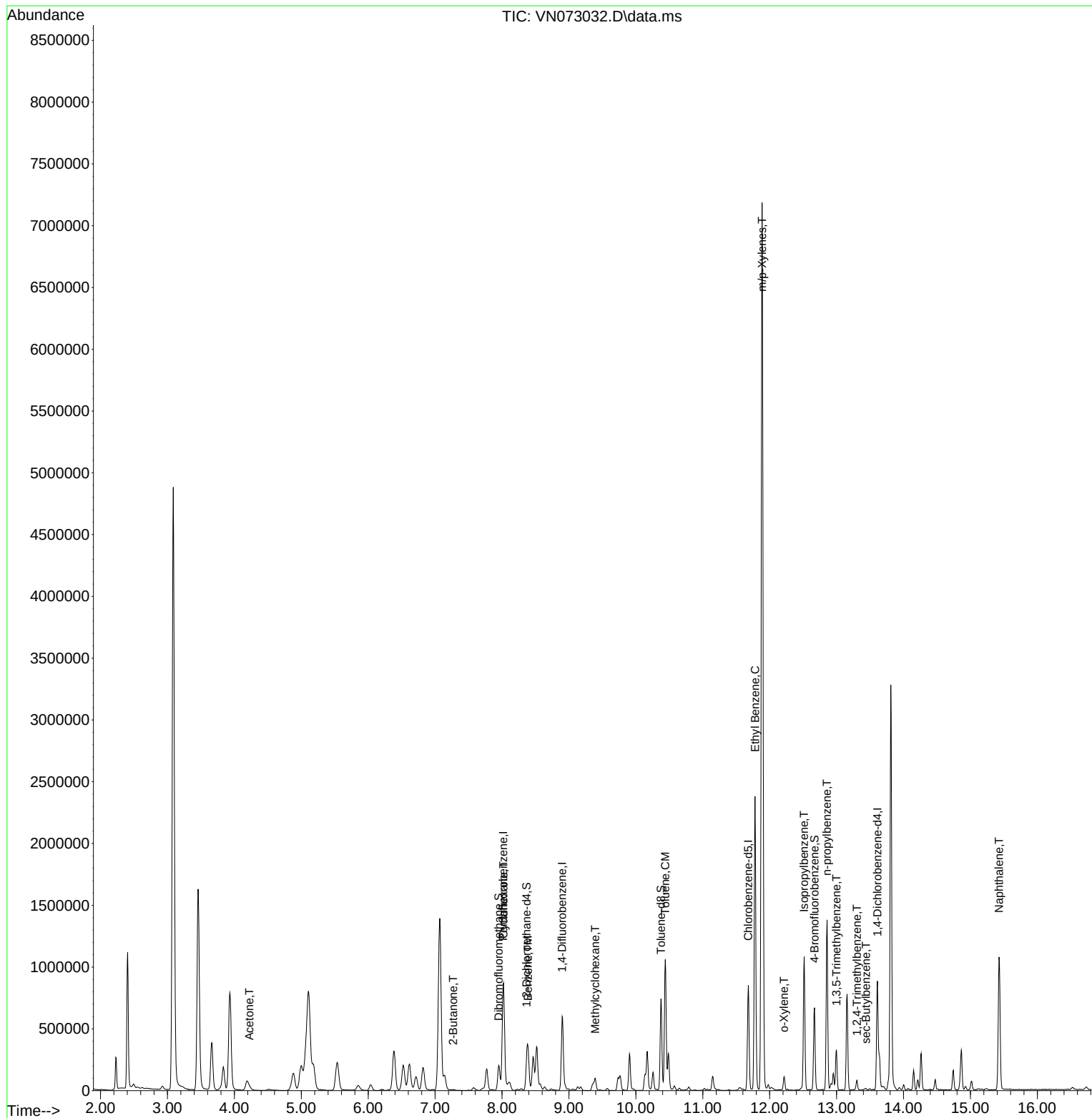
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062222\
Data File : VN073032.D
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ALS Vial : 13 Sample Multiplier: 1

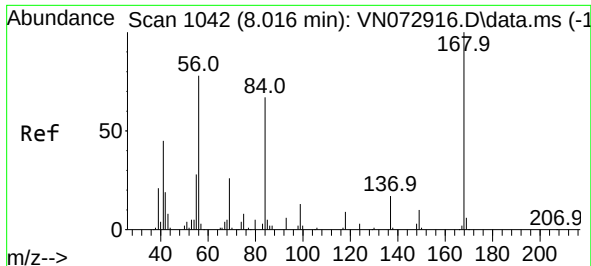
Instrument :
MSVOA_N
ClientSampleId :
PZ-7

Quant Time: Jun 23 07:33:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
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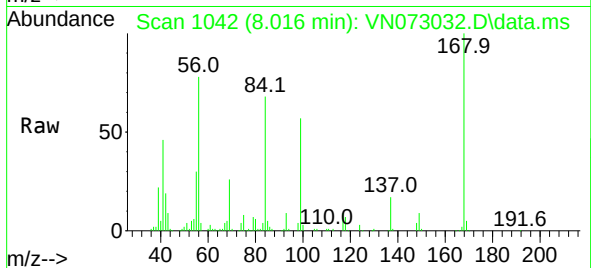
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

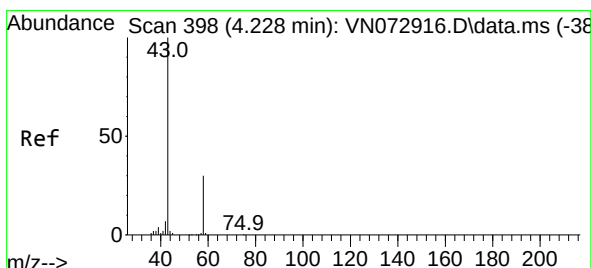
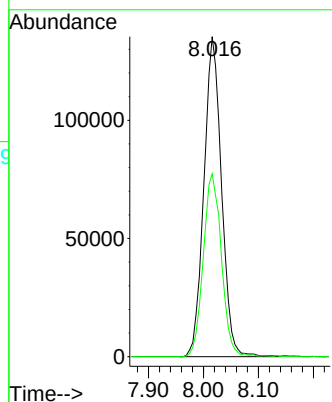
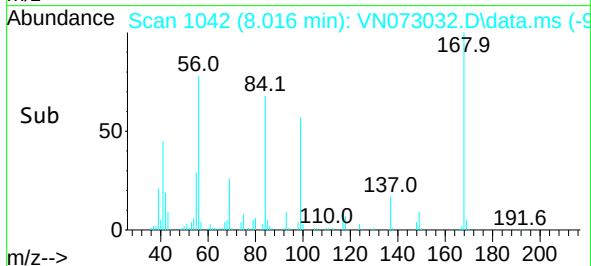
Instrument :
MSVOA_N
ClientSampleId :
PZ-7



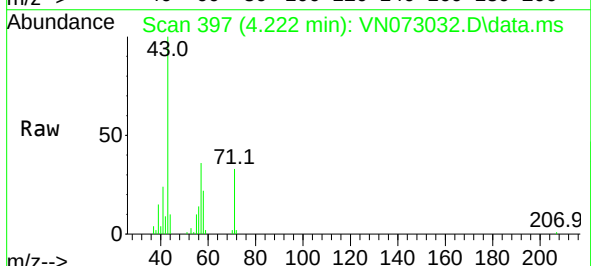
Tgt Ion:168 Resp: 30146
Ion Ratio Lower Upper
168 100
99 57.1 42.3 63.5

Manual Integrations
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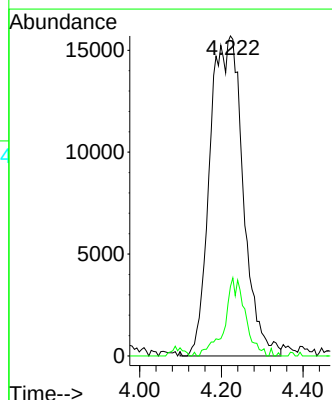
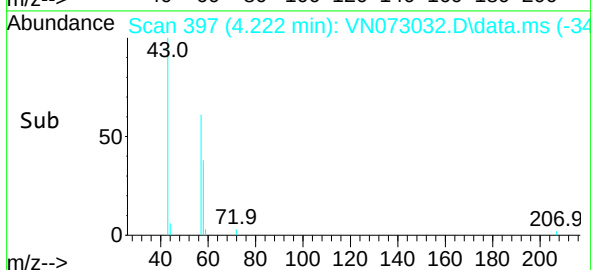
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

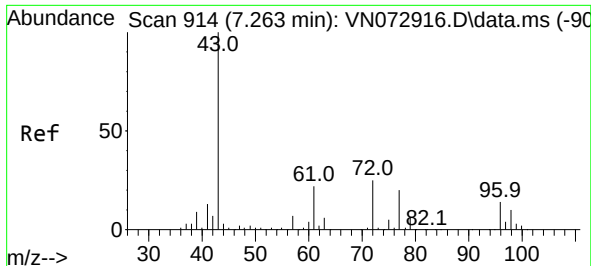


#16
Acetone
Concen: 39.446 ug/l m
RT: 4.222 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07



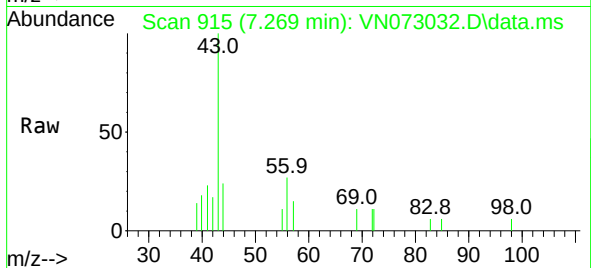
Tgt Ion: 43 Resp: 88374
Ion Ratio Lower Upper
43 100
58 21.7 26.0 39.0#





#25
2-Butanone
Concen: 2.018 ug/l
RT: 7.269 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

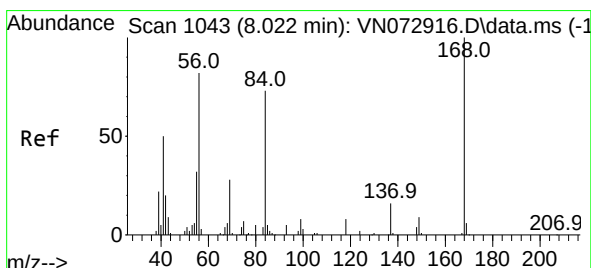
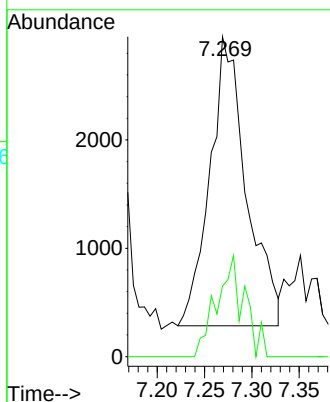
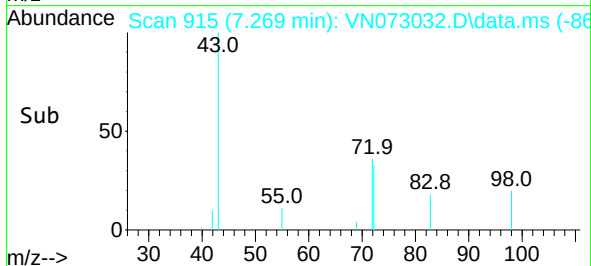
Instrument :
MSVOA_N
ClientSampleId :
PZ-7



Tgt Ion: 43 Resp: 7174
Ion Ratio Lower Upper
43 100
72 24.4 23.7 35.5

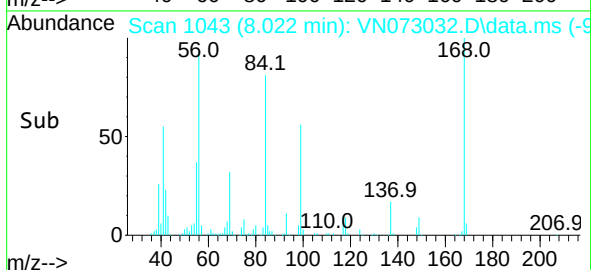
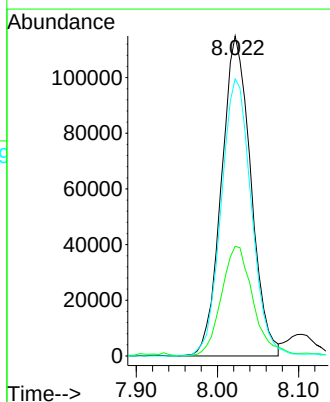
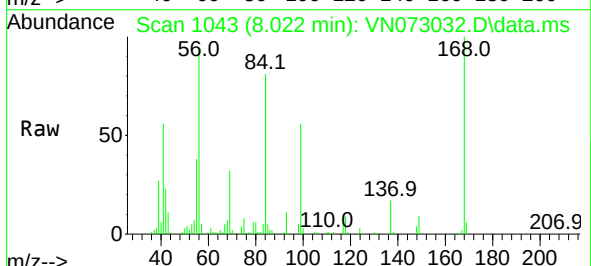
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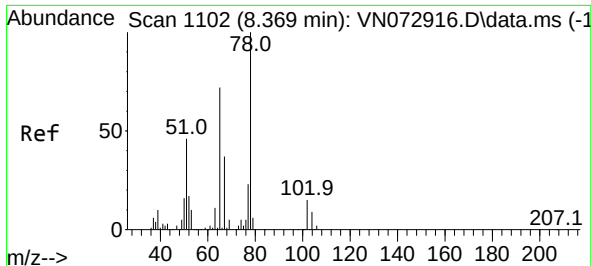
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#31
Cyclohexane
Concen: 52.435 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

Tgt Ion: 56 Resp: 289083
Ion Ratio Lower Upper
56 100
69 34.1 27.8 41.8
84 86.6 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 43.541 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073032.D

Acq: 22 Jun 2022 18:07

Instrument :

MSVOA_N

ClientSampleId :

PZ-7

Tgt Ion: 65 Resp: 177462

Ion Ratio Lower Upper

65 100

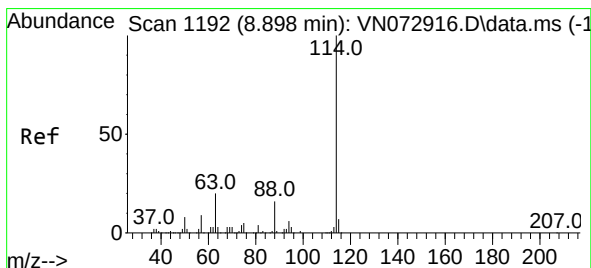
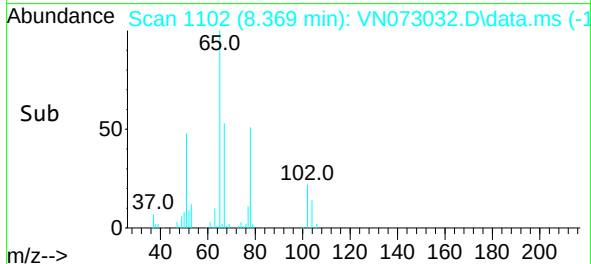
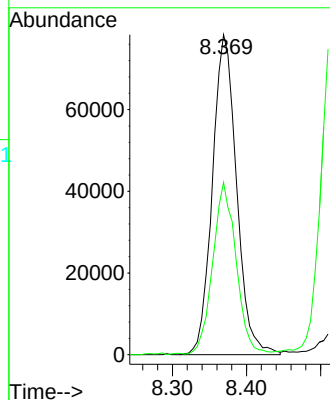
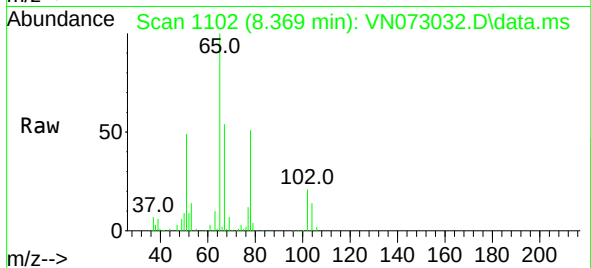
67 51.4 0.0 104.8

Manual Integrations

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Supervised By :Mahesh Dadoda 06/23/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073032.D

Acq: 22 Jun 2022 18:07

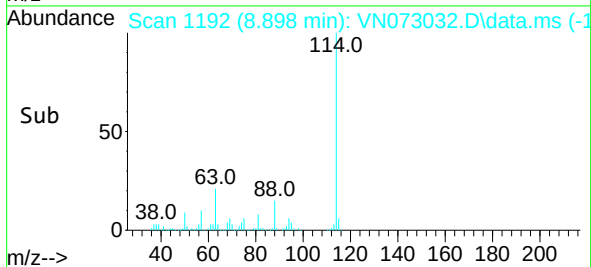
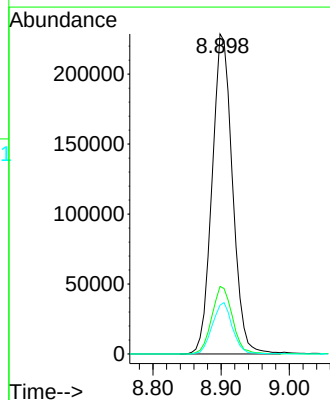
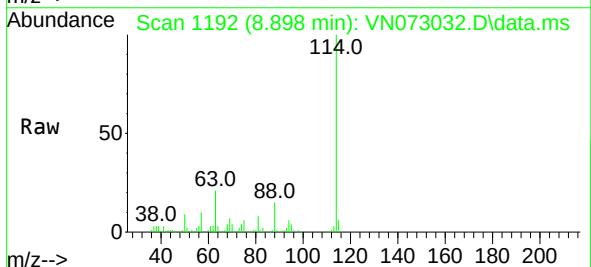
Tgt Ion:114 Resp: 476660

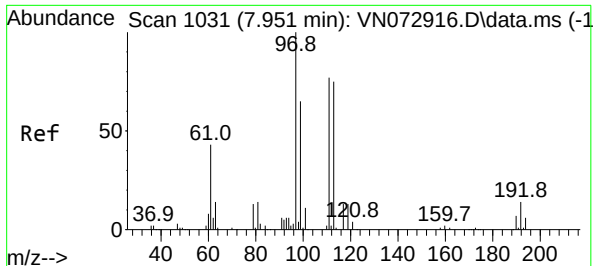
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

88 15.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.387 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073032.D

Acq: 22 Jun 2022 18:07

Instrument :

MSVOA_N

ClientSampleId :

PZ-7

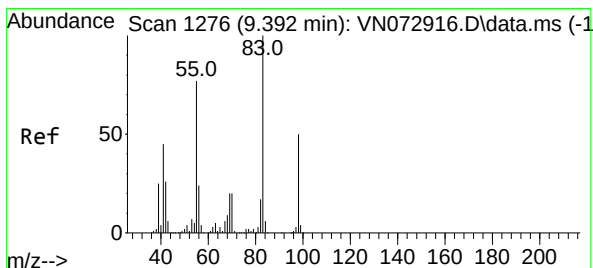
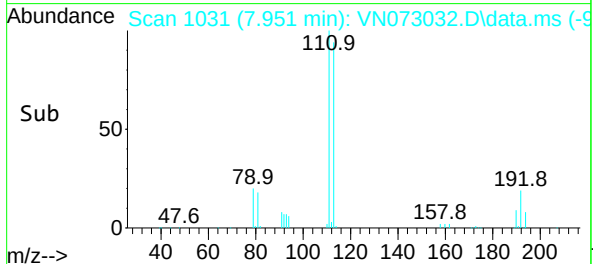
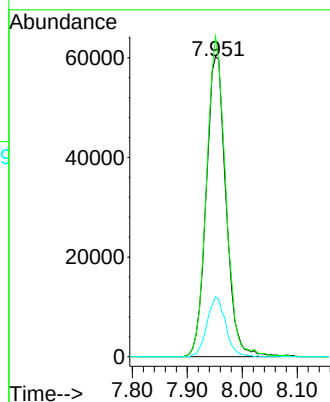
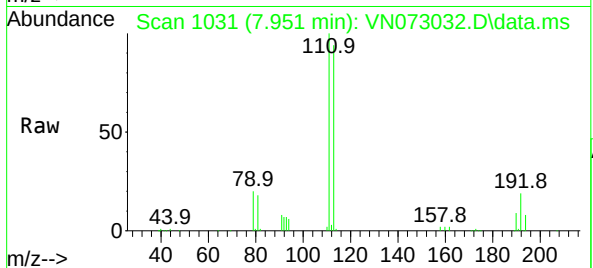
Tgt Ion:	113	Resp:	15139
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.4	122.0
192	18.8	17.0	25.6

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Reviewed By :John Carlone 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#39

Methylcyclohexane

Concen: 8.269 ug/l

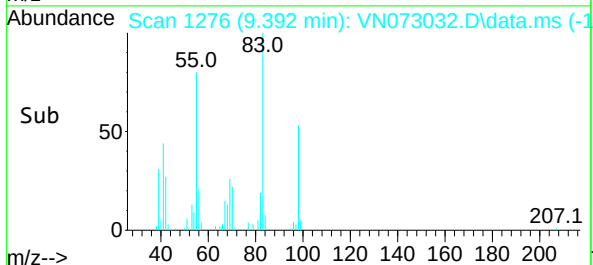
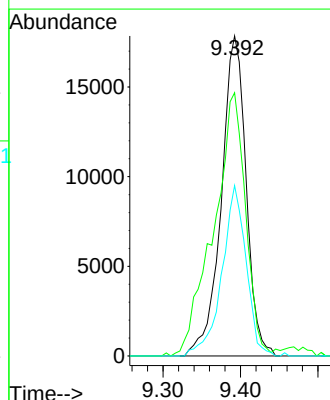
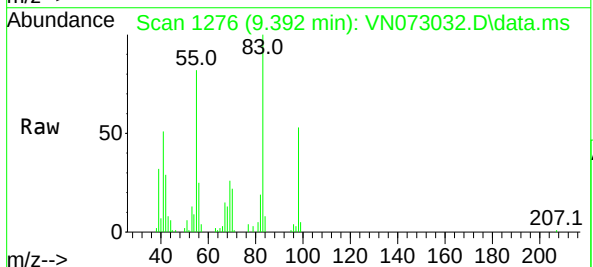
RT: 9.392 min Scan# 1276

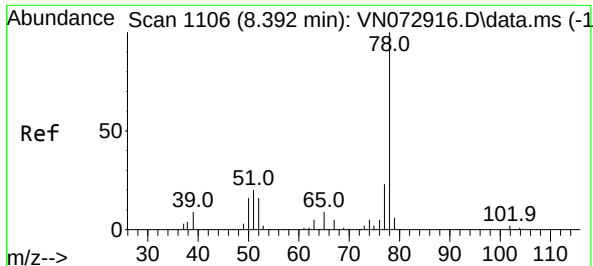
Delta R.T. 0.000 min

Lab File: VN073032.D

Acq: 22 Jun 2022 18:07

Tgt Ion:	83	Resp:	39735
Ion Ratio	Lower	Upper	
83	100		
55	80.7	57.8	86.8
98	53.2	39.4	59.2





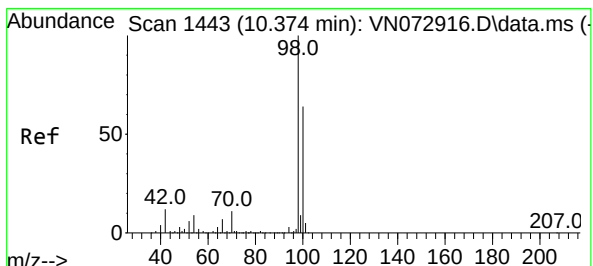
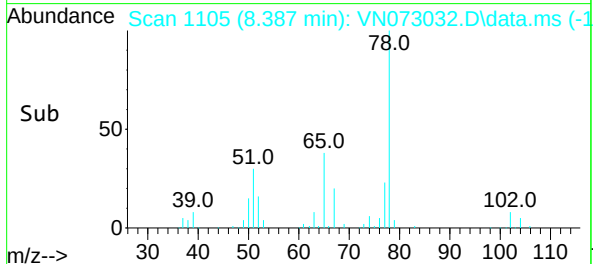
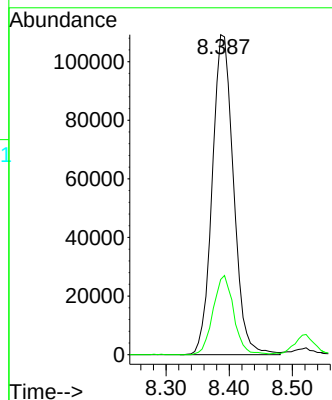
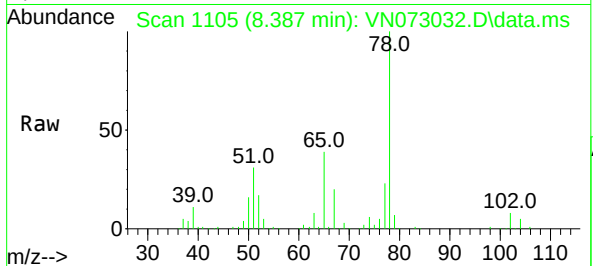
#40
Benzene
Concen: 20.390 ug/l
RT: 8.387 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

Instrument :
MSVOA_N
ClientSampleId :
PZ-7

Tgt Ion: 78 Resp: 255458
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0

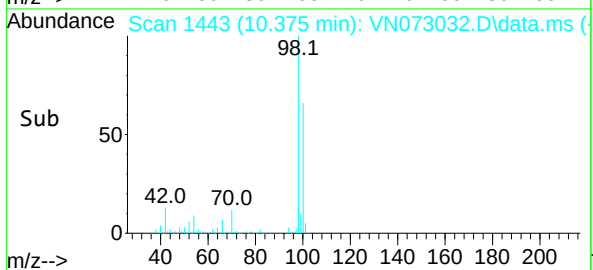
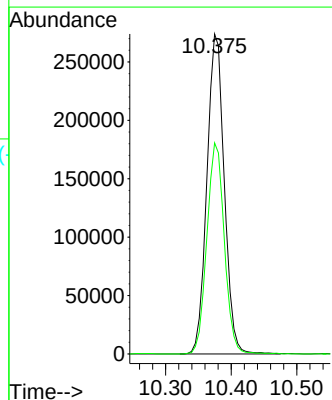
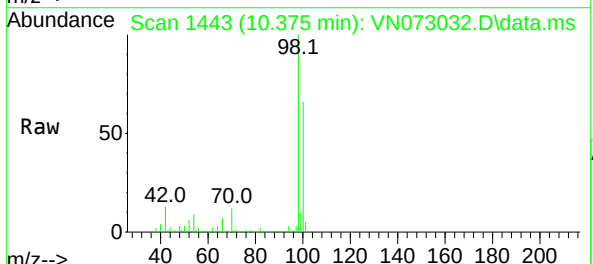
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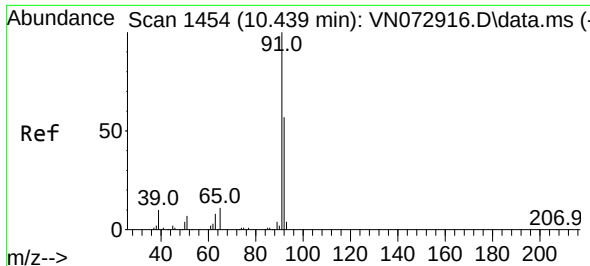
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#50
Toluene-d8
Concen: 46.024 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

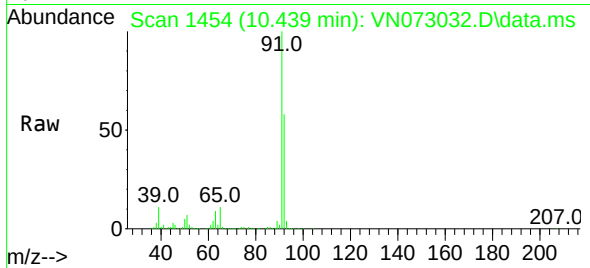
Tgt Ion: 98 Resp: 504551
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8





#52
Toluene
Concen: 59.623 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

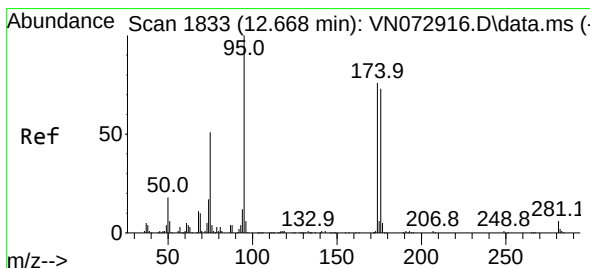
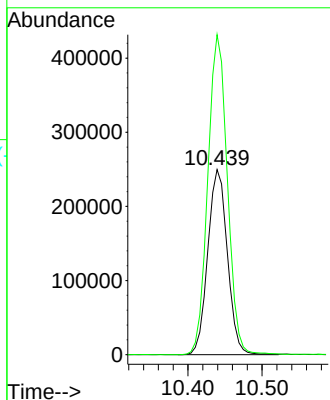
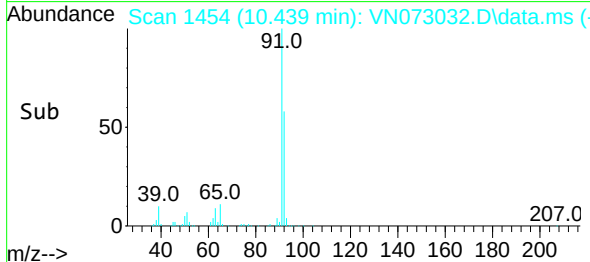
Instrument :
MSVOA_N
ClientSampleId :
PZ-7



Tgt Ion: 92 Resp: 45862
Ion Ratio Lower Upper
92 100
91 172.7 138.6 207.8

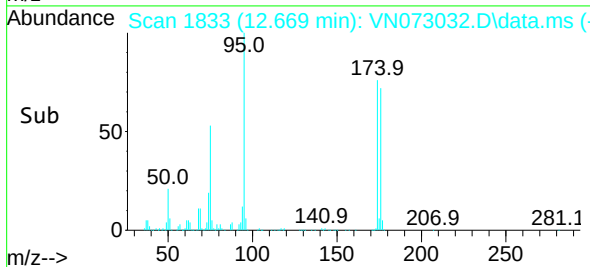
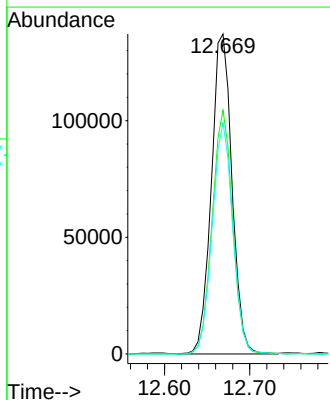
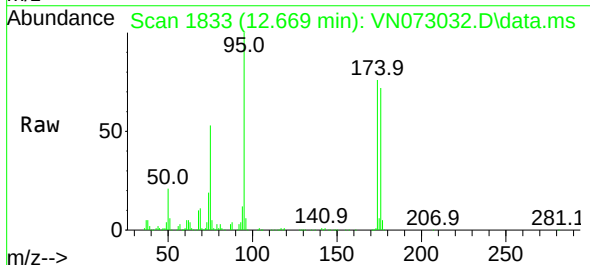
Manual Integrations
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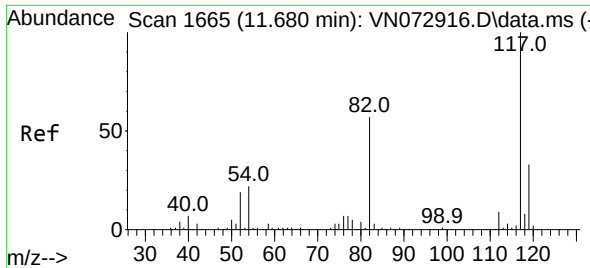
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#62
4-Bromofluorobenzene
Concen: 58.576 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

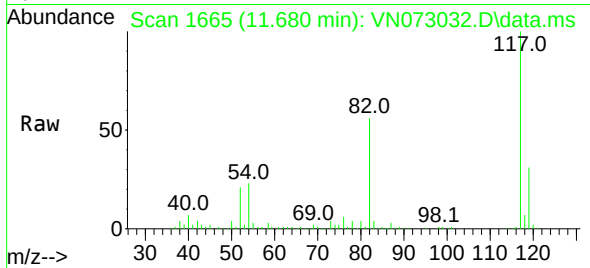
Tgt Ion: 95 Resp: 230913
Ion Ratio Lower Upper
95 100
174 75.5 0.0 167.6
176 72.0 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

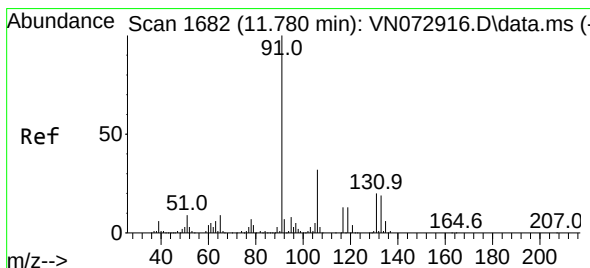
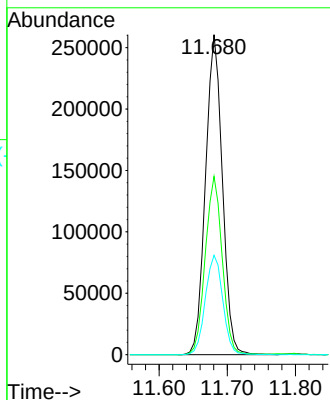
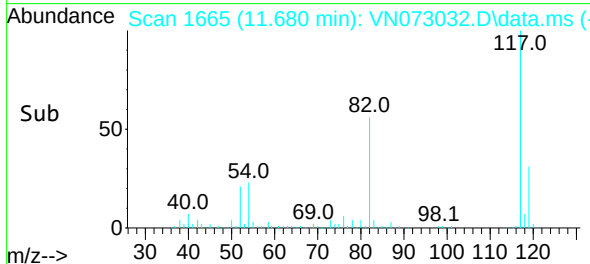
Instrument :
MSVOA_N
ClientSampleId :
PZ-7



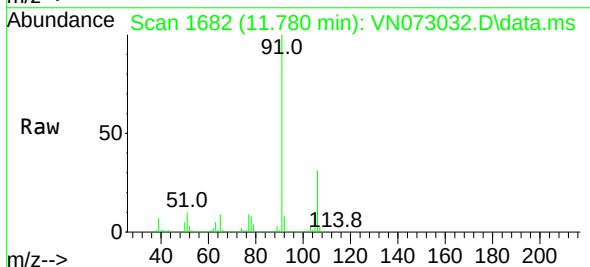
Tgt Ion:117 Resp: 448844
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.2
119 31.1 25.4 38.0

Manual Integrations
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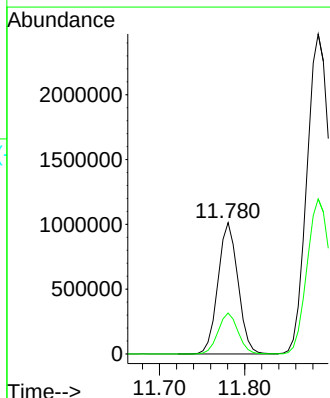
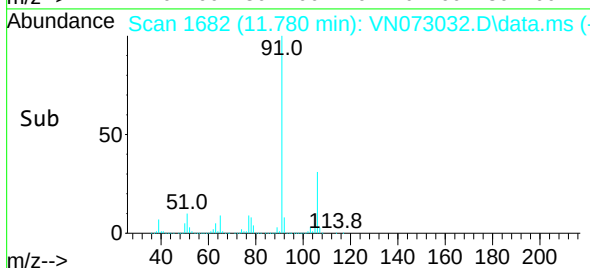
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

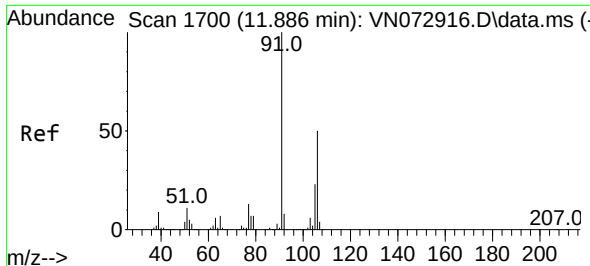


#67
Ethyl Benzene
Concen: 107.237 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07



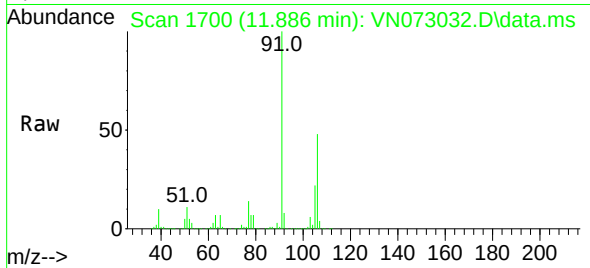
Tgt Ion: 91 Resp: 1654750
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3





#68
m/p-Xylenes
Concen: 380.680 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

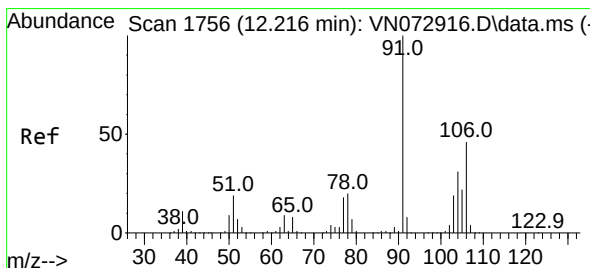
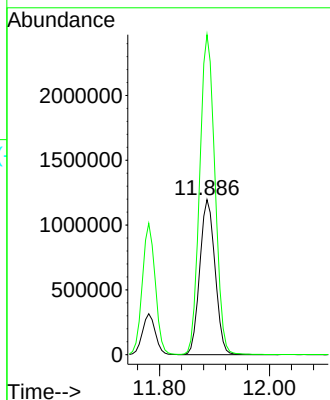
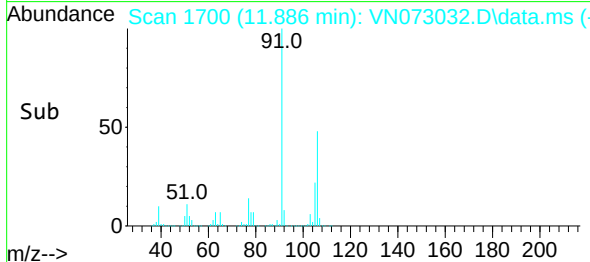
Instrument :
MSVOA_N
ClientSampleId :
PZ-7



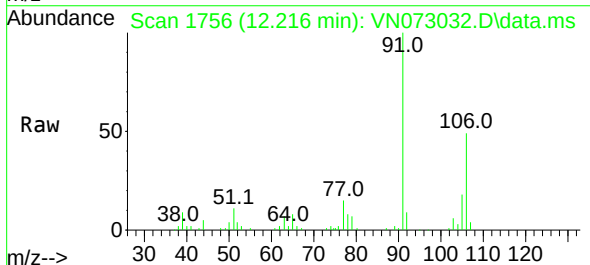
Tgt Ion:106 Resp: 2303952
Ion Ratio Lower Upper
106 100
91 206.2 158.9 238.3

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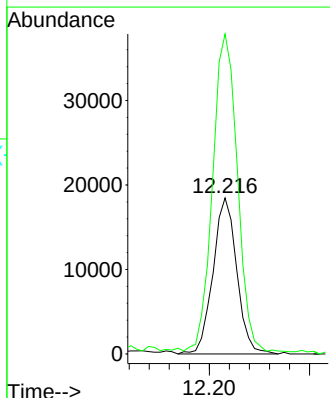
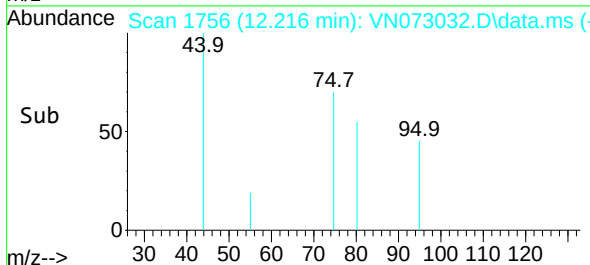
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

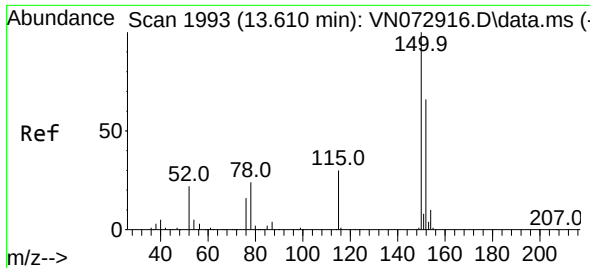


#69
o-Xylene
Concen: 5.021 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07



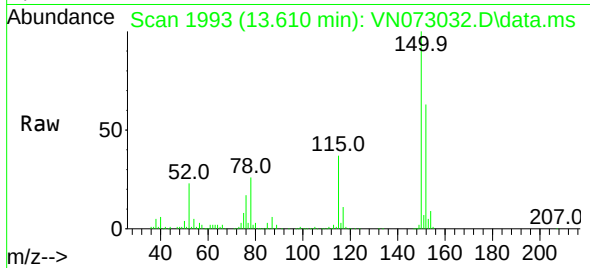
Tgt Ion:106 Resp: 30366
Ion Ratio Lower Upper
106 100
91 211.9 106.0 318.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

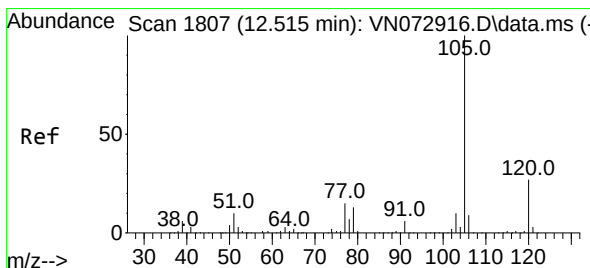
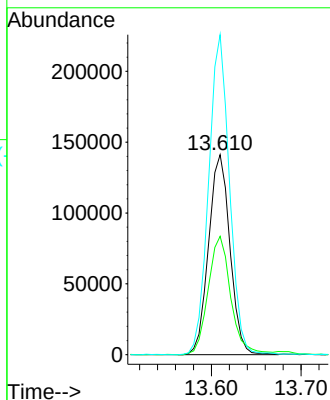
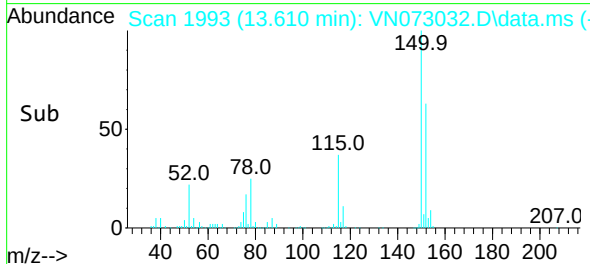
Instrument :
MSVOA_N
ClientSampleId :
PZ-7



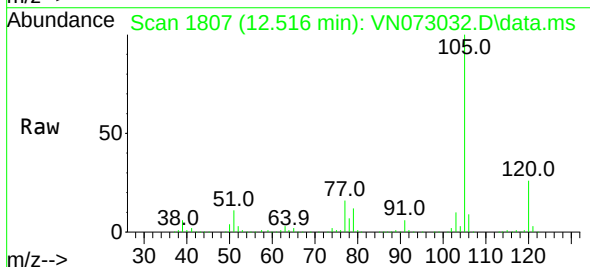
Tgt Ion:152 Resp: 233488
Ion Ratio Lower Upper
152 100
115 62.7 28.9 86.7
150 156.2 0.0 356.2

Manual Integrations
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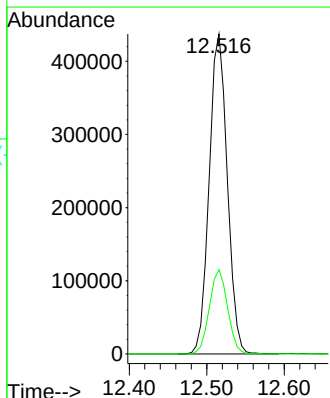
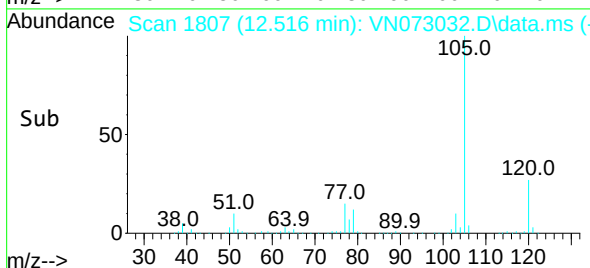
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

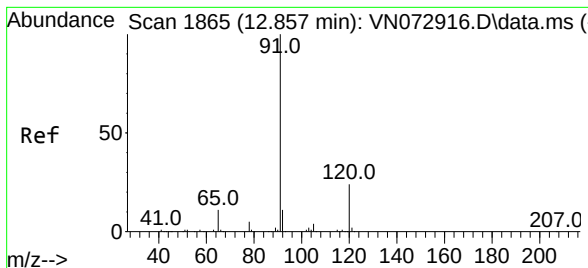


#73
Isopropylbenzene
Concen: 39.419 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07



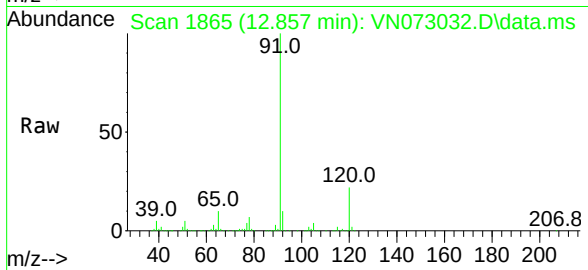
Tgt Ion:105 Resp: 712042
Ion Ratio Lower Upper
105 100
120 26.4 13.5 40.4





#78
n-propylbenzene
Concen: 54.066 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

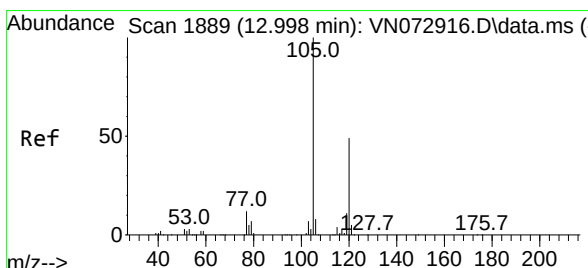
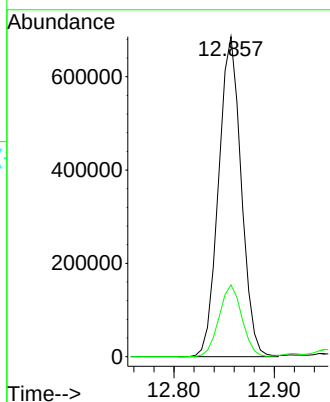
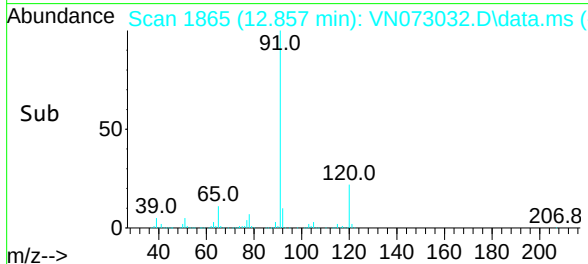
Instrument :
MSVOA_N
ClientSampleId :
PZ-7



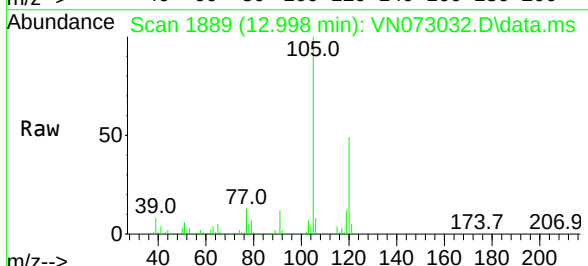
Tgt Ion: 91 Resp: 107422
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.5

Manual Integrations
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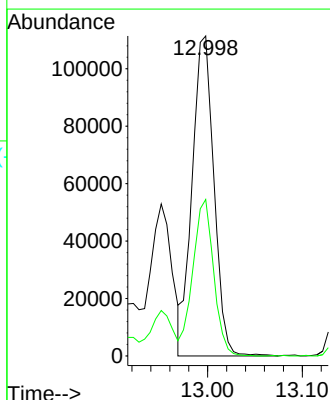
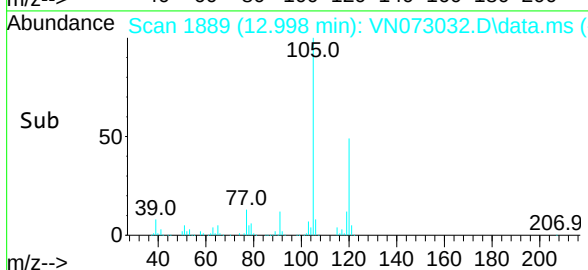
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

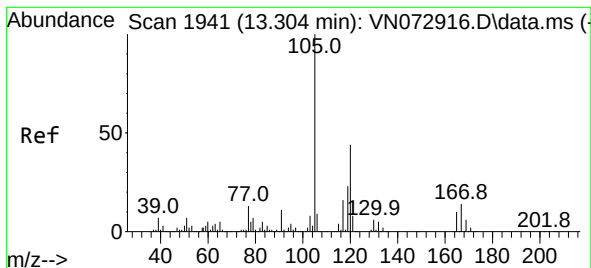


#80
1,3,5-Trimethylbenzene
Concen: 12.018 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07



Tgt Ion:105 Resp: 178310
Ion Ratio Lower Upper
105 100
120 47.0 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 2.931 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. 0.000 min

Lab File: VN073032.D

Acq: 22 Jun 2022 18:07

Instrument :

MSVOA_N

ClientSampleId :

PZ-7

Tgt Ion:105 Resp: 4331

Ion Ratio Lower Upper

105 100

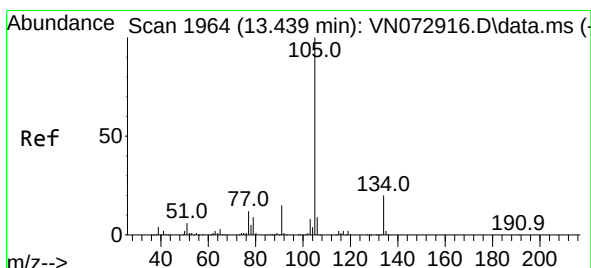
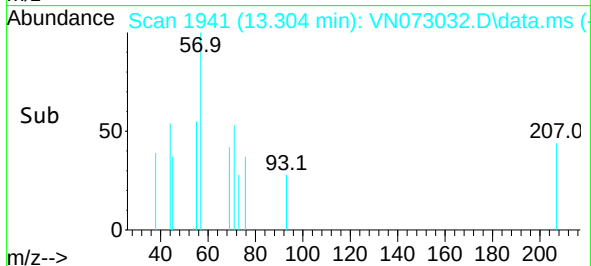
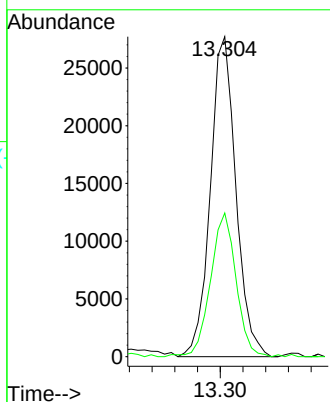
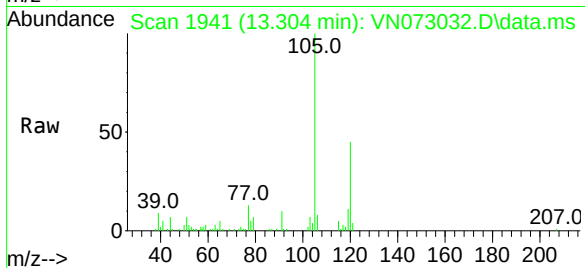
120 44.8 23.3 69.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#85

sec-Butylbenzene

Concen: 0.543 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN073032.D

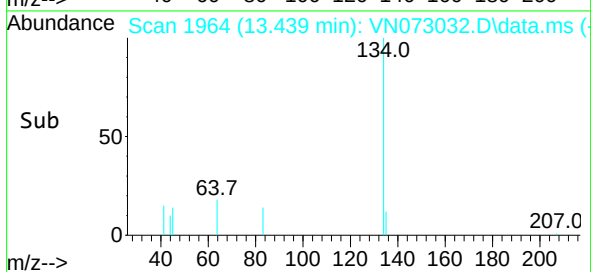
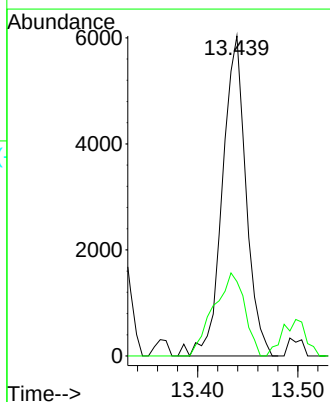
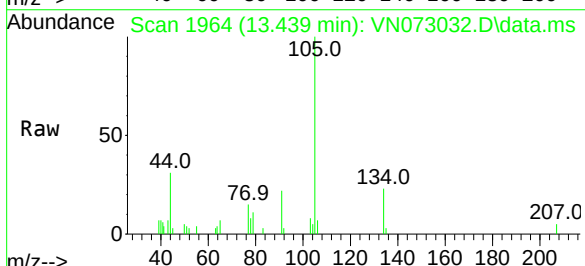
Acq: 22 Jun 2022 18:07

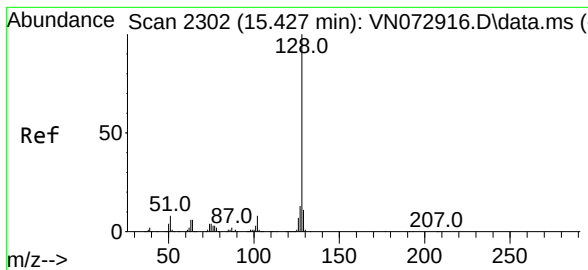
Tgt Ion:105 Resp: 9851

Ion Ratio Lower Upper

105 100

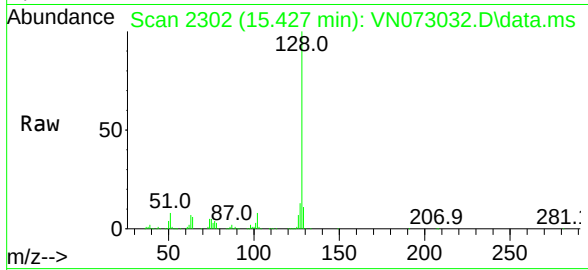
134 34.0 10.4 31.1#





#95
Naphthalene
Concen: 55.599 ug/l
RT: 15.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

Instrument :
MSVOA_N
ClientSampleId :
PZ-7



Tgt Ion:128 Resp: 100286
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

