

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073135.D
 Acq On : 26 Jun 2022 03:19
 Operator : JC\MD
 Sample : N3494-21
 Misc : 3.37g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-EXC-1-3

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/27/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 27 03:54:31 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

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	350457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	544159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	516128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	305274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	194625	41.077	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.160%		
35) Dibromofluoromethane	7.945	113	165527	49.214	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.420%		
50) Toluene-d8	10.375	98	609852	48.729	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.460%		
62) 4-Bromofluorobenzene	12.669	95	302333	67.180	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	134.360%#		
Target Compounds						
					Qvalue	
16) Acetone	4.251	43	21928	8.419	ug/l	90
18) Methyl Acetate	4.769	43	775040	111.748	ug/l	91
40) Benzene	8.381	78	626503	43.803	ug/l	99
65) Chlorobenzene	11.710	112	5067268	502.720	ug/l	98
67) Ethyl Benzene	11.780	91	54236	3.057	ug/l	97
68) m/p-Xylenes	11.892	106	25295	3.635	ug/l	99
73) Isopropylbenzene	12.516	105	46509	1.969	ug/l	87
78) n-propylbenzene	12.857	91	108867	4.191	ug/l	98
85) sec-Butylbenzene	13.439	105	74308	3.135	ug/l #	75
88) 1,4-Dichlorobenzene	13.627	146	75179	7.354	ug/l #	61
89) n-Butylbenzene	13.880	91	66579	4.249	ug/l #	78
91) 1,2-Dichlorobenzene	13.921	146	127987	12.150	ug/l #	60
95) Naphthalene	15.421	128	28389889m	1203.826	ug/l	

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

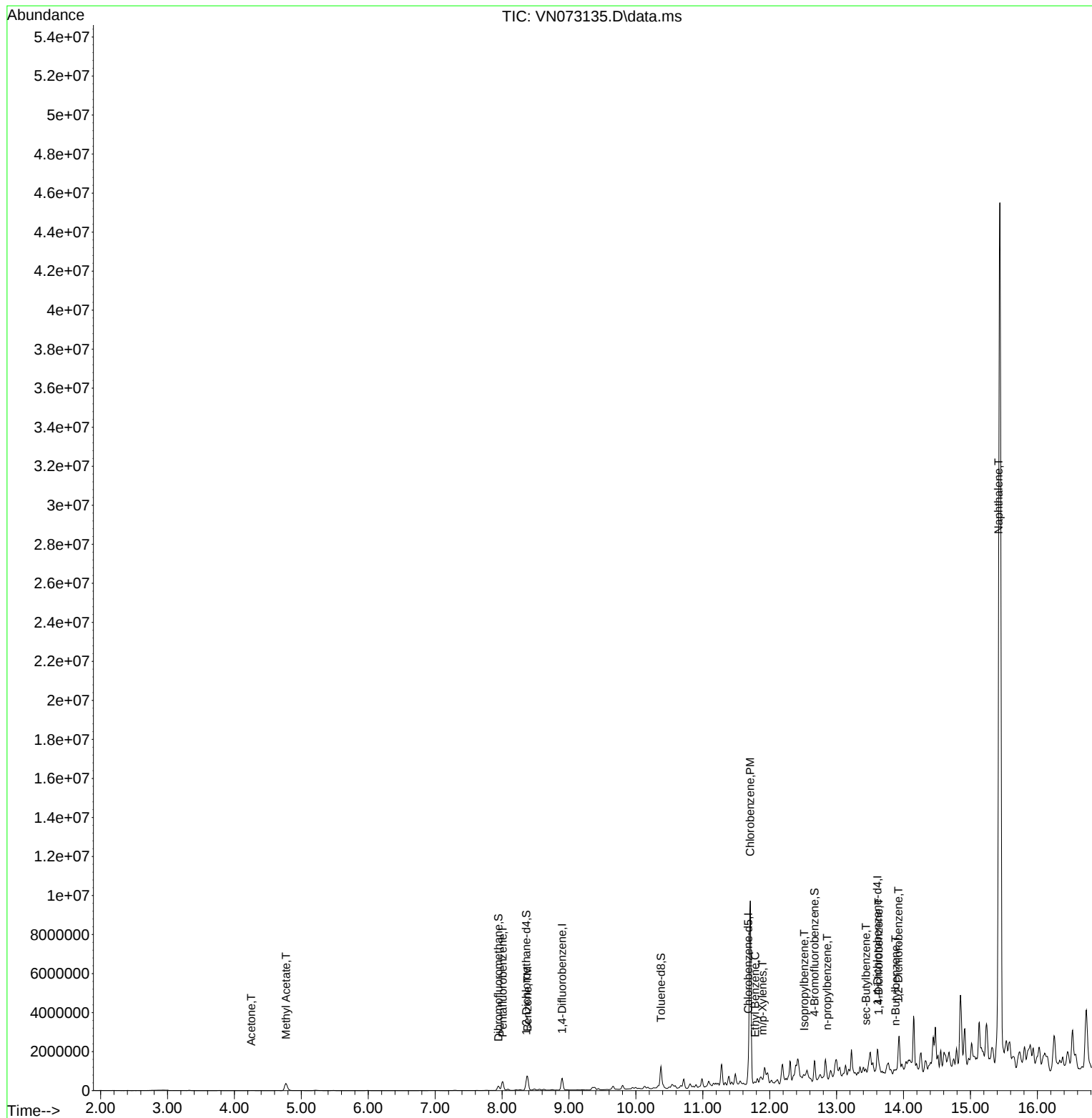
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
Data File : VN073135.D
Acq On : 26 Jun 2022 03:19
Operator : JC\MD
Sample : N3494-21
Misc : 3.37g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 43 Sample Multiplier: 1

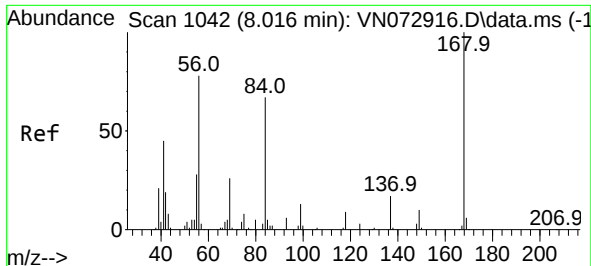
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-3

Quant Time: Jun 27 03:54:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
Quant Title : SW846 8260
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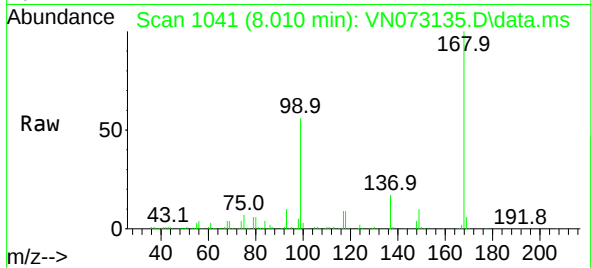
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073135.D
Acq: 26 Jun 2022 03:19

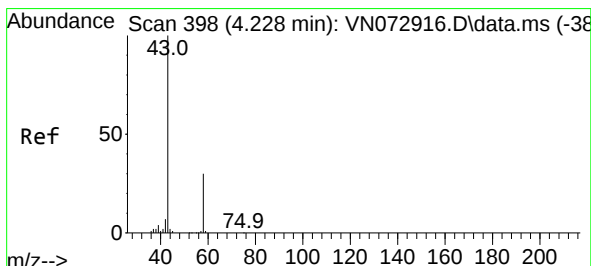
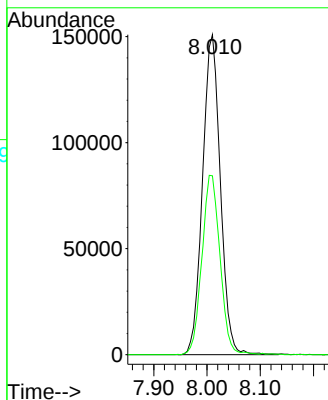
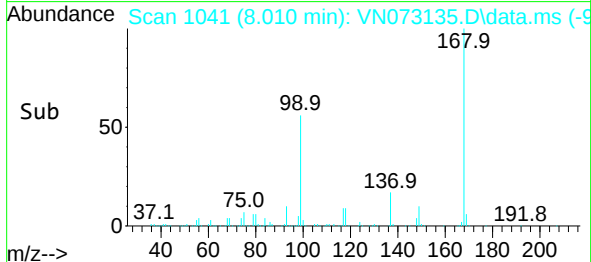
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-3



Tgt Ion:168 Resp: 35045
Ion Ratio Lower Upper
168 100
99 55.8 42.3 63.5

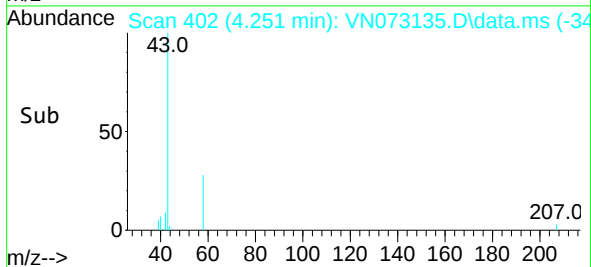
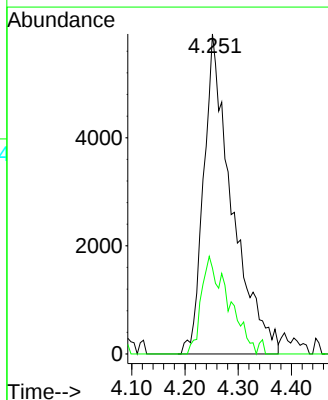
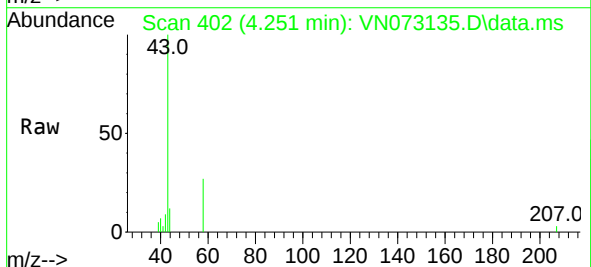
Manual Integrations
APPROVED

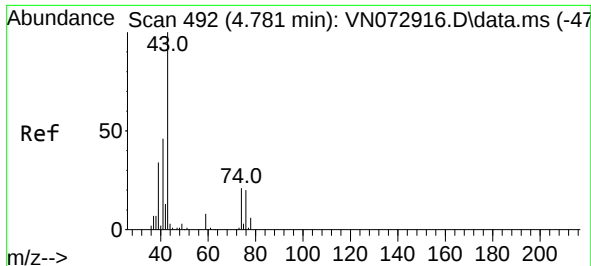
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#16
Acetone
Concen: 8.419 ug/l
RT: 4.251 min Scan# 402
Delta R.T. 0.024 min
Lab File: VN073135.D
Acq: 26 Jun 2022 03:19

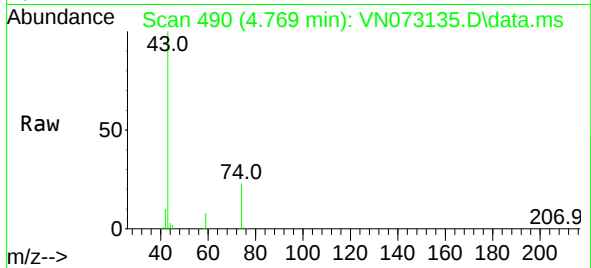
Tgt Ion: 43 Resp: 21928
Ion Ratio Lower Upper
43 100
58 26.8 26.0 39.0





#18
Methyl Acetate
Concen: 111.748 ug/l
RT: 4.769 min Scan# 49
Delta R.T. -0.012 min
Lab File: VN073135.D
Acq: 26 Jun 2022 03:19

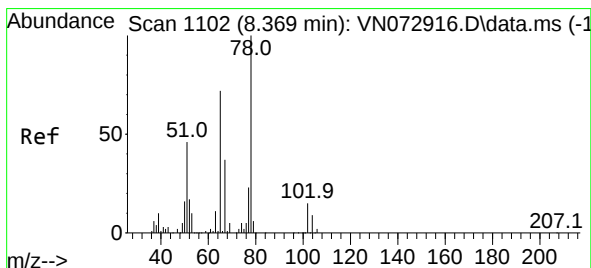
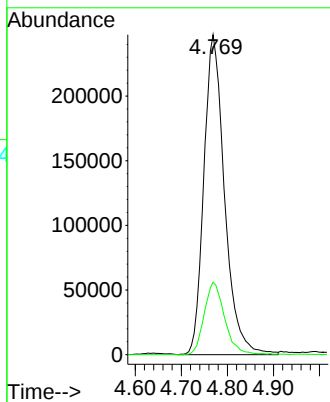
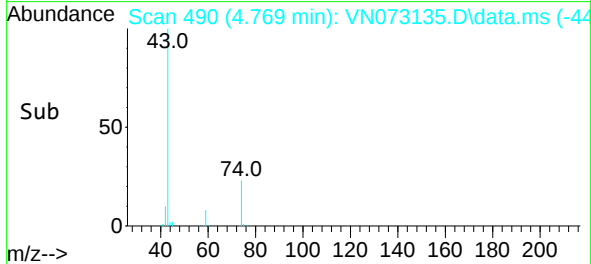
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-3



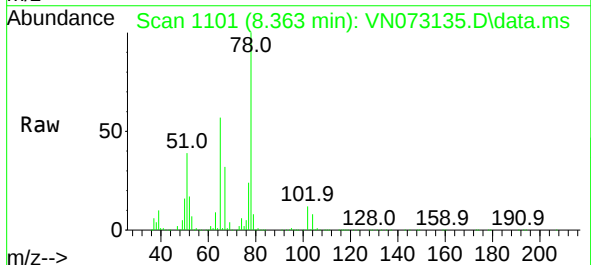
Tgt Ion: 43 Resp: 775040
Ion Ratio Lower Upper
43 100
74 22.4 21.6 32.4

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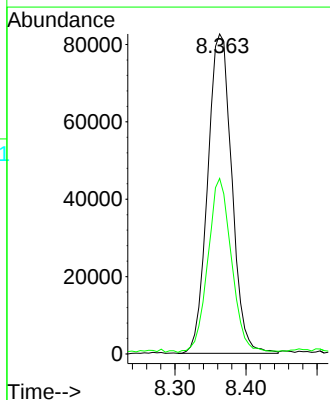
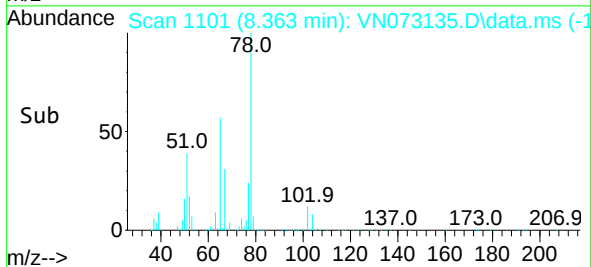
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

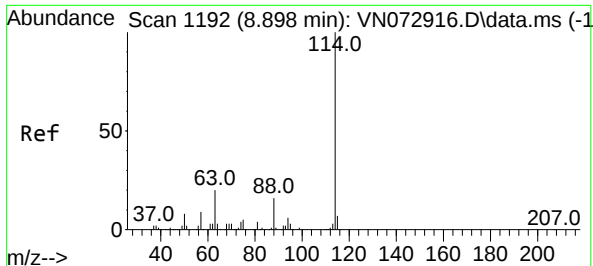


#33
1,2-Dichloroethane-d4
Concen: 41.077 ug/l
RT: 8.363 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN073135.D
Acq: 26 Jun 2022 03:19



Tgt Ion: 65 Resp: 194625
Ion Ratio Lower Upper
65 100
67 53.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073135.D

Acq: 26 Jun 2022 03:19

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-1-3

Tgt Ion:114 Resp: 544159

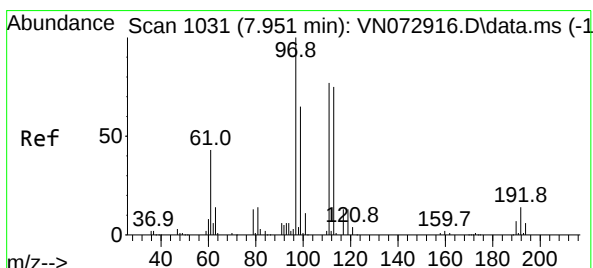
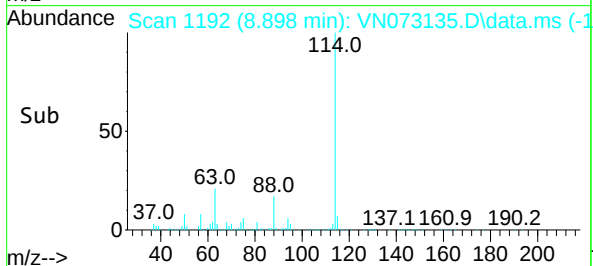
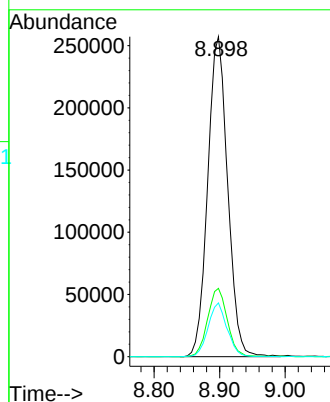
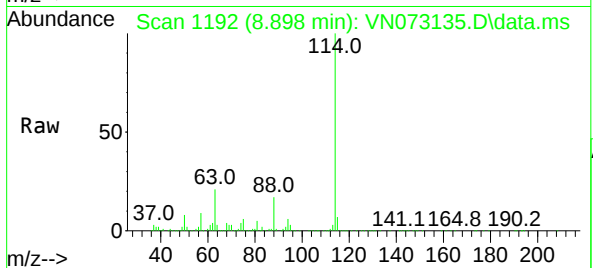
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	40.0
88	16.8	0.0	32.6

Manual Integrations

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Supervised By :Mahesh Dadoda 06/30/2022



#35

Dibromofluoromethane

Concen: 49.214 ug/l

RT: 7.945 min Scan# 1030

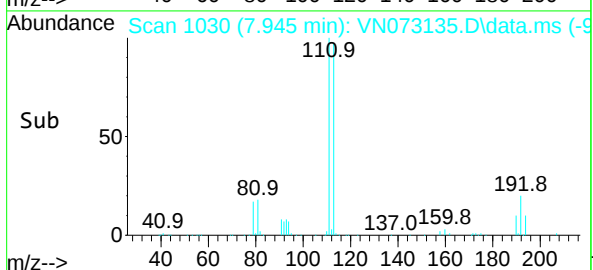
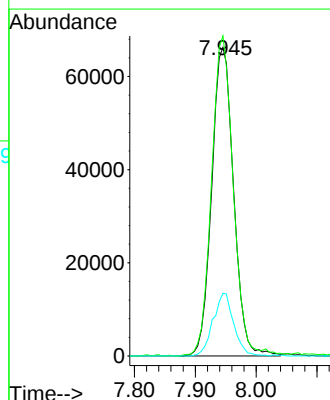
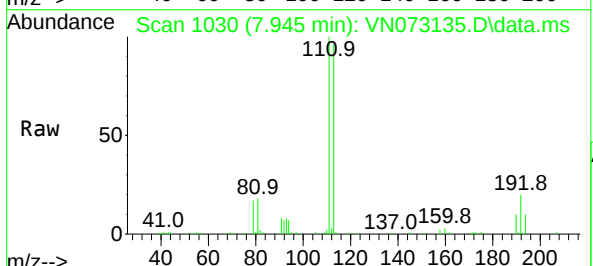
Delta R.T. -0.006 min

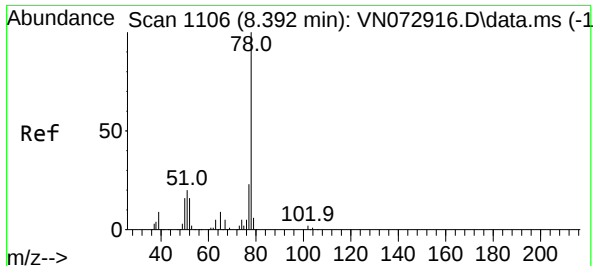
Lab File: VN073135.D

Acq: 26 Jun 2022 03:19

Tgt Ion:113 Resp: 165527

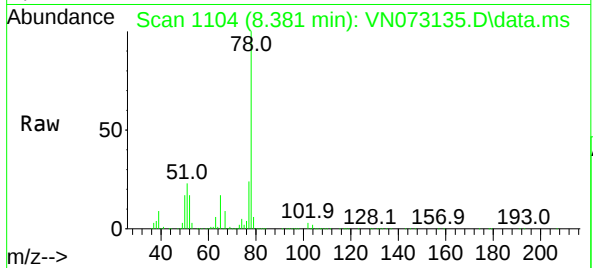
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	19.2	17.0	25.6





#40
Benzene
Concen: 43.803 ug/l
RT: 8.381 min Scan# 1104
Delta R.T. -0.012 min
Lab File: VN073135.D
Acq: 26 Jun 2022 03:19

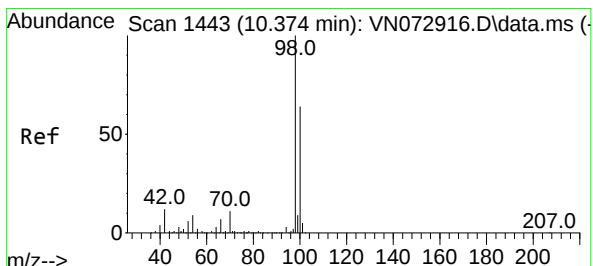
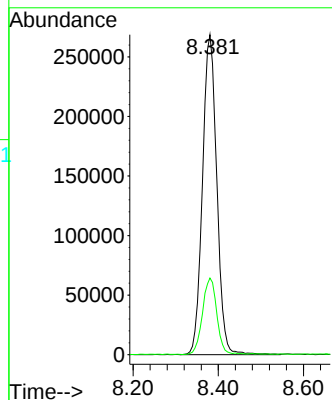
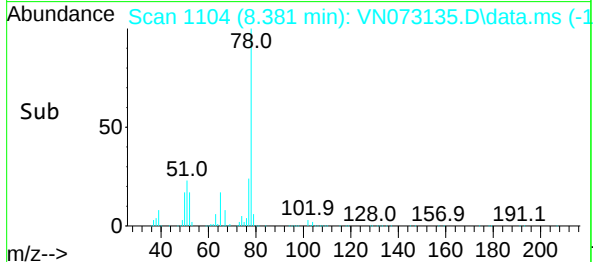
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-3



Tgt Ion: 78 Resp: 62650
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0

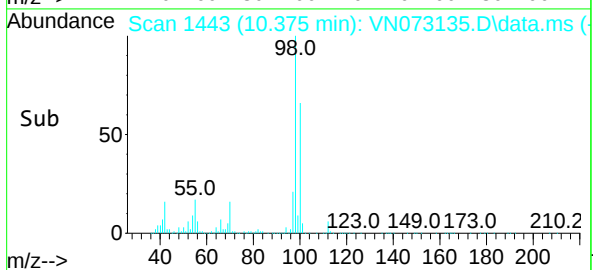
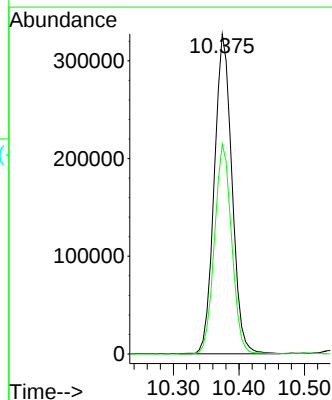
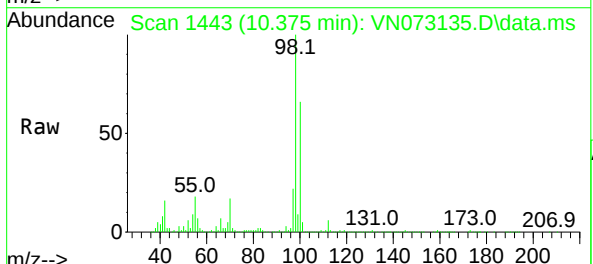
Manual Integrations
APPROVED

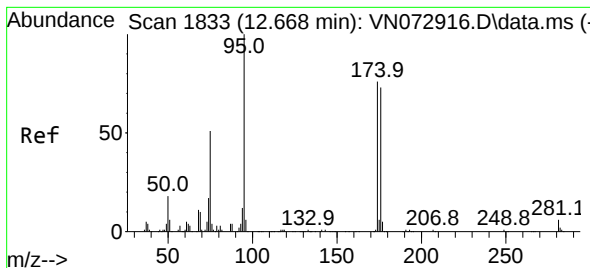
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#50
Toluene-d8
Concen: 48.729 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073135.D
Acq: 26 Jun 2022 03:19

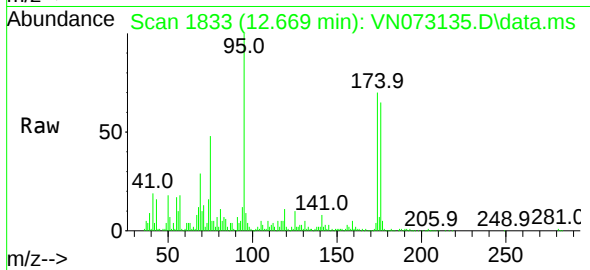
Tgt Ion: 98 Resp: 609852
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8





#62
4-Bromofluorobenzene
Concen: 67.180 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073135.D
Acq: 26 Jun 2022 03:19

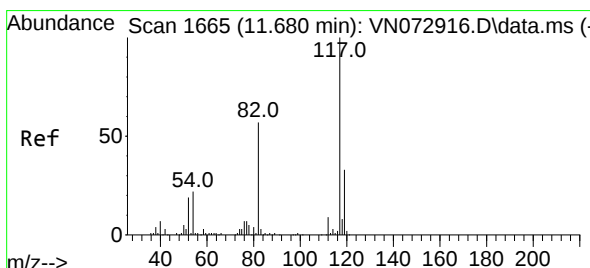
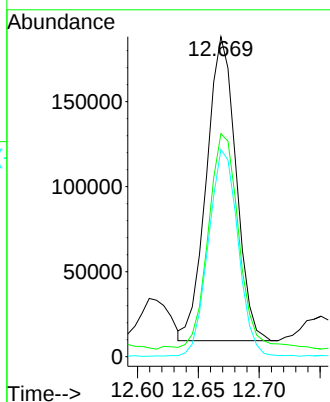
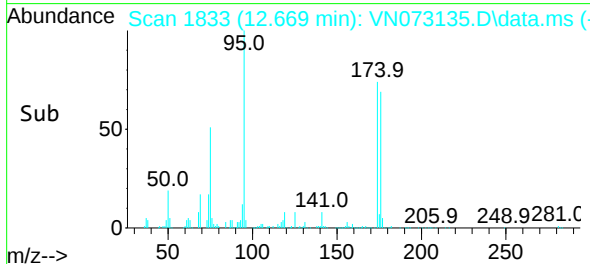
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-3



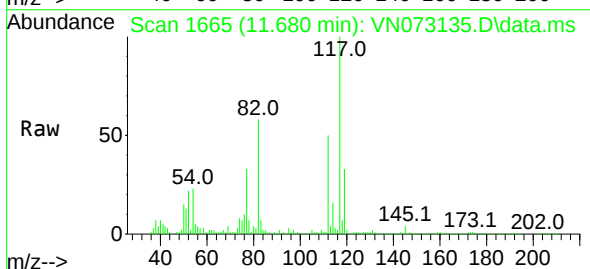
Tgt Ion: 95 Resp: 30233
Ion Ratio Lower Upper
95 100
174 83.5 0.0 167.6
176 68.4 0.0 163.4

Manual Integrations
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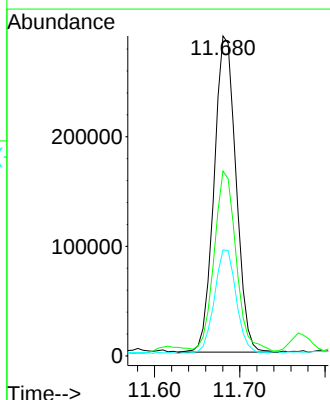
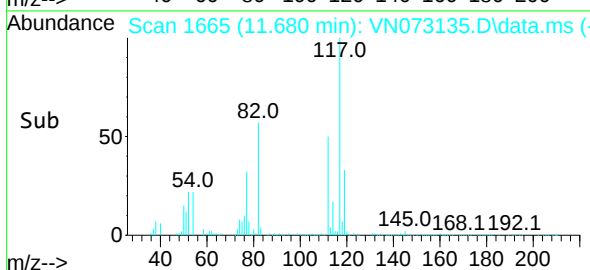
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

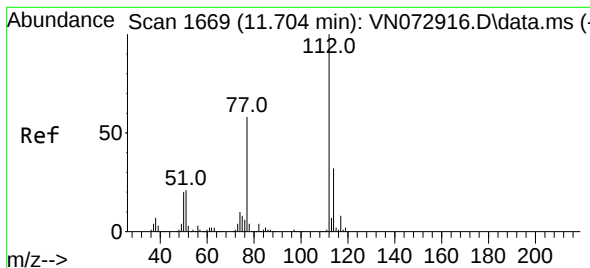


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073135.D
Acq: 26 Jun 2022 03:19



Tgt Ion:117 Resp: 516128
Ion Ratio Lower Upper
117 100
82 56.8 44.2 66.2
119 32.8 25.4 38.0





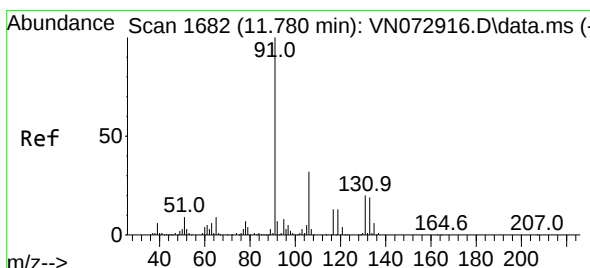
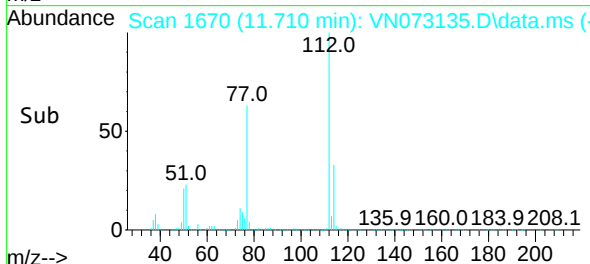
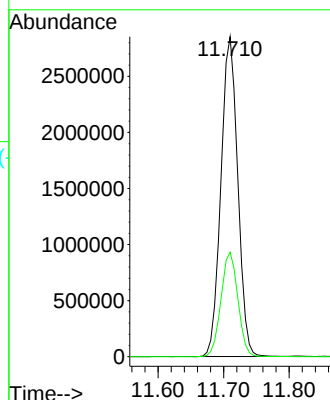
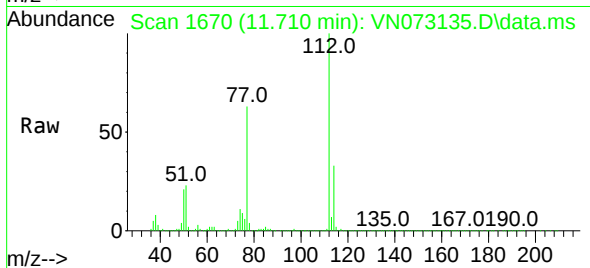
#65
Chlorobenzene
Concen: 502.720 ug/l
RT: 11.710 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN073135.D
Acq: 26 Jun 2022 03:19

Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-3

Tgt Ion:112 Resp: 506726
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.2

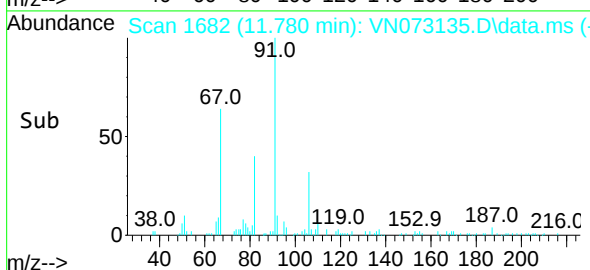
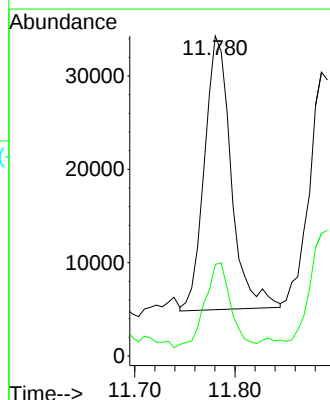
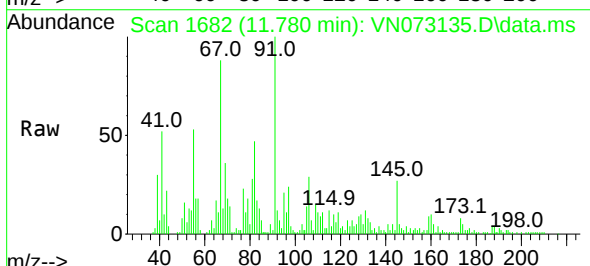
Manual Integrations
APPROVED

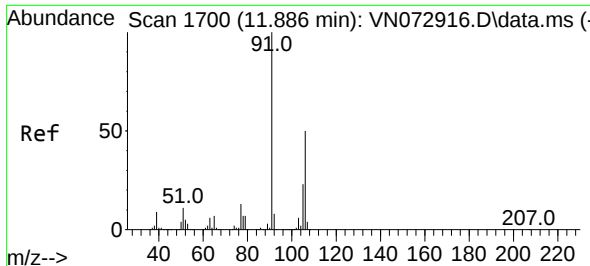
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#67
Ethyl Benzene
Concen: 3.057 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073135.D
Acq: 26 Jun 2022 03:19

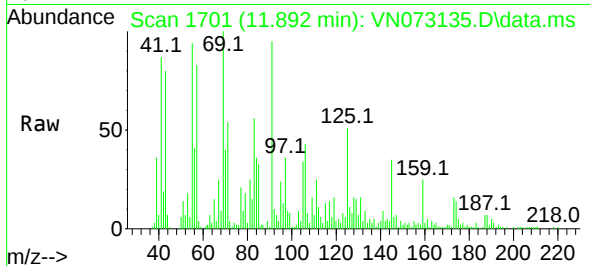
Tgt Ion: 91 Resp: 54236
Ion Ratio Lower Upper
91 100
106 29.5 24.9 37.3





#68
m/p-Xylenes
Concen: 3.635 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN073135.D
Acq: 26 Jun 2022 03:19

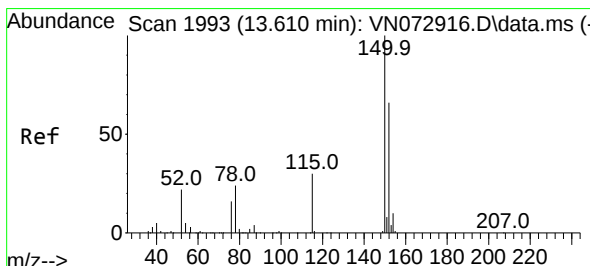
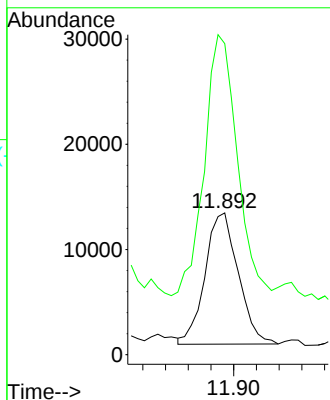
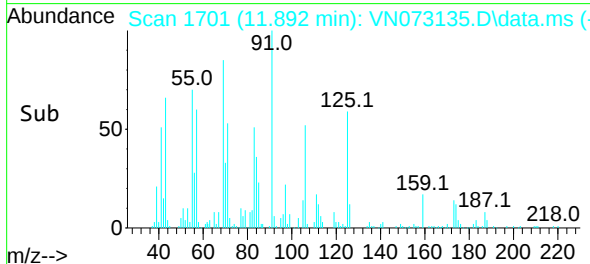
Instrument :
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SP-EXC-1-3



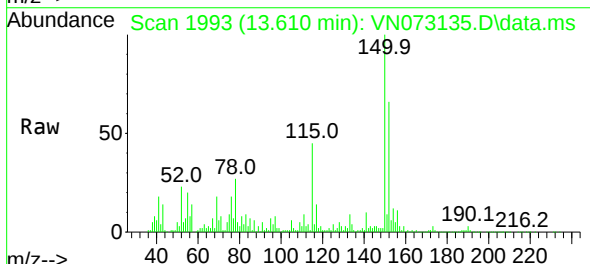
Tgt Ion:106 Resp: 2529
Ion Ratio Lower Upper
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91 197.2 158.9 238.3

Manual Integrations
APPROVED

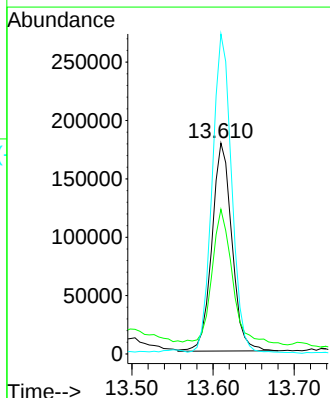
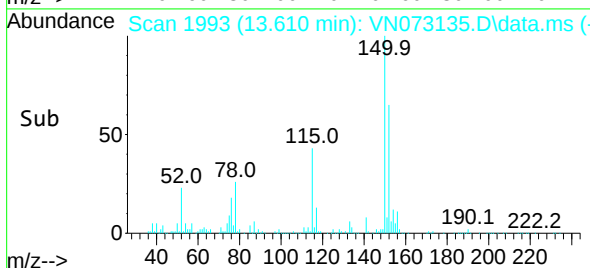
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

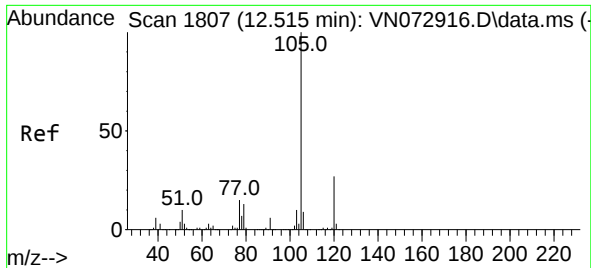


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073135.D
Acq: 26 Jun 2022 03:19



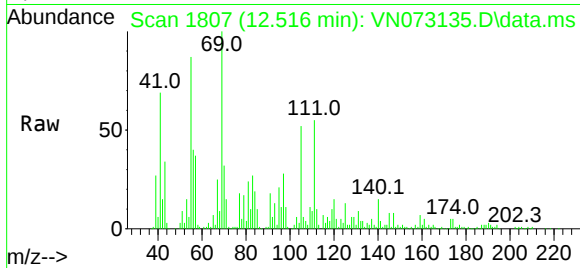
Tgt Ion:152 Resp: 305274
Ion Ratio Lower Upper
152 100
115 66.8 28.9 86.7
150 150.0 0.0 356.2





#73
Isopropylbenzene
Concen: 1.969 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN073135.D
Acq: 26 Jun 2022 03:19

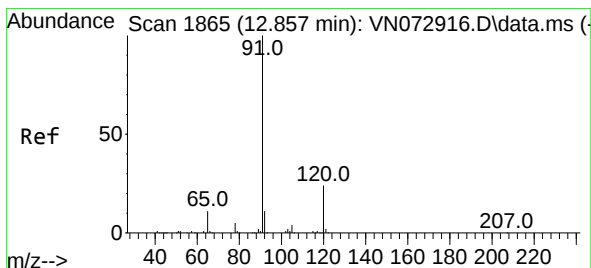
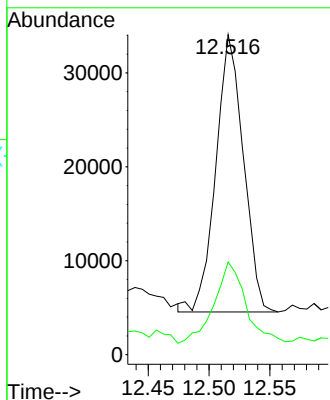
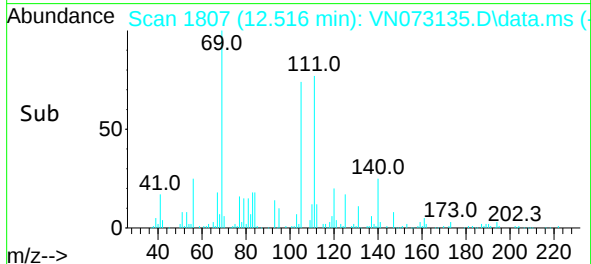
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-3



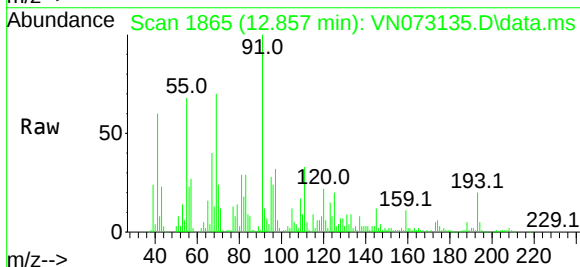
Tgt Ion:105 Resp: 46509
Ion Ratio Lower Upper
105 100
120 33.6 13.5 40.4

Manual Integrations
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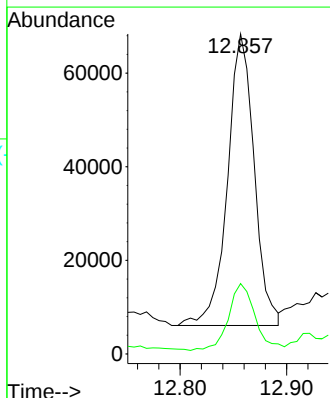
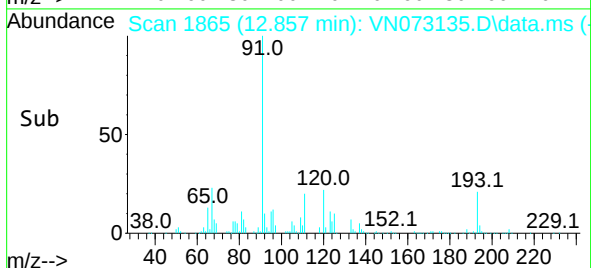
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

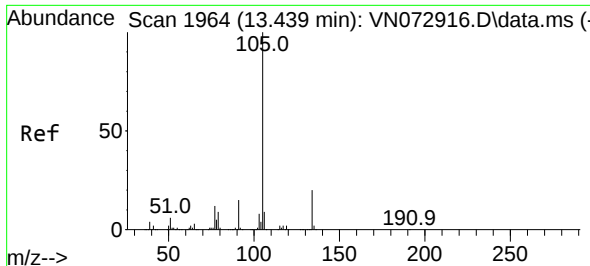


#78
n-propylbenzene
Concen: 4.191 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073135.D
Acq: 26 Jun 2022 03:19



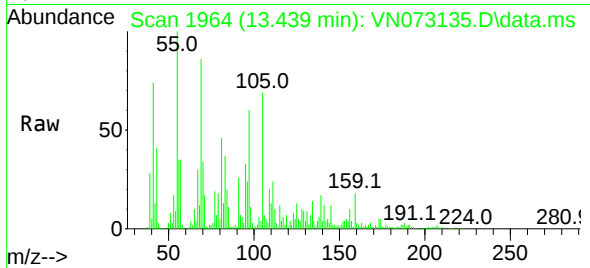
Tgt Ion: 91 Resp: 108867
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.5





#85
 sec-Butylbenzene
 Concen: 3.135 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073135.D
 Acq: 26 Jun 2022 03:19

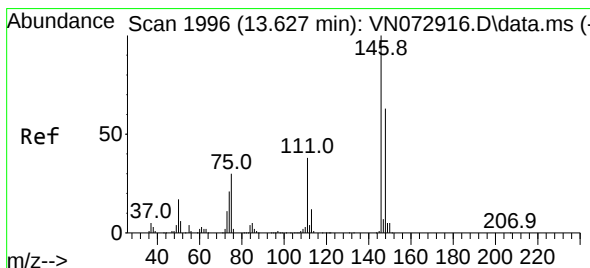
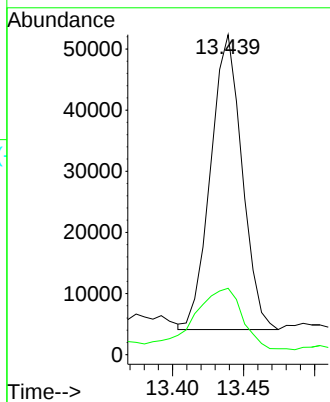
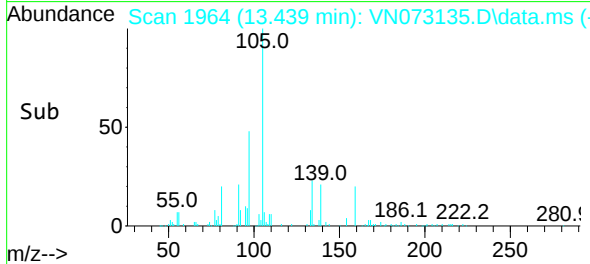
Instrument :
 MSVOA_N
 ClientSampleId :
 SP-EXC-1-3



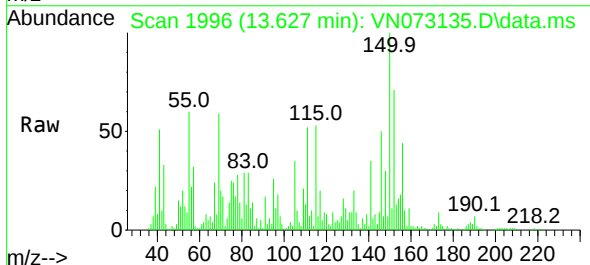
Tgt Ion:105 Resp: 74308
 Ion Ratio Lower Upper
 105 100
 134 32.5 10.4 31.1

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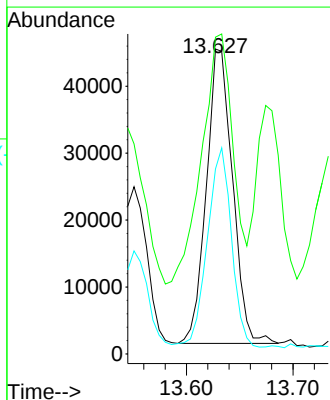
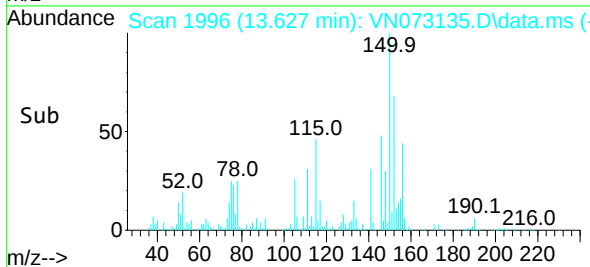
Reviewed By :John Carlone 06/27/2022
 Supervised By :Mahesh Dadoda 06/30/2022

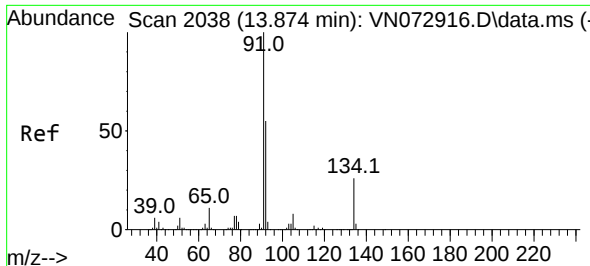


#88
 1,4-Dichlorobenzene
 Concen: 7.354 ug/l
 RT: 13.627 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN073135.D
 Acq: 26 Jun 2022 03:19



Tgt Ion:146 Resp: 75179
 Ion Ratio Lower Upper
 146 100
 111 100.8 19.1 57.1#
 148 63.1 31.4 94.3





#89

n-Butylbenzene

Concen: 4.249 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN073135.D

Acq: 26 Jun 2022 03:19

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-1-3

Tgt Ion: 91 Resp: 66579

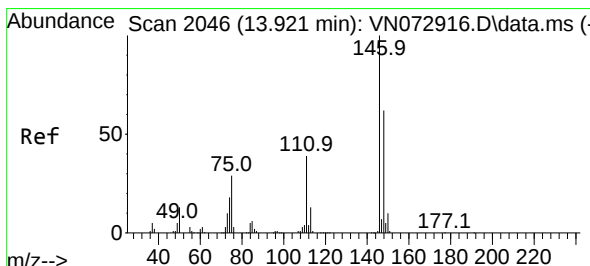
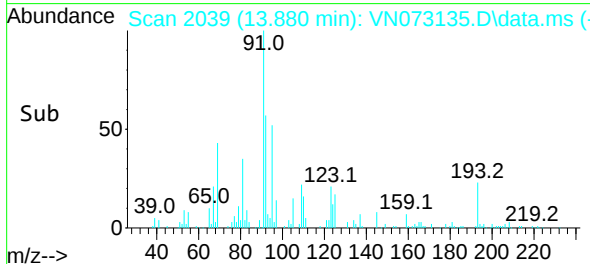
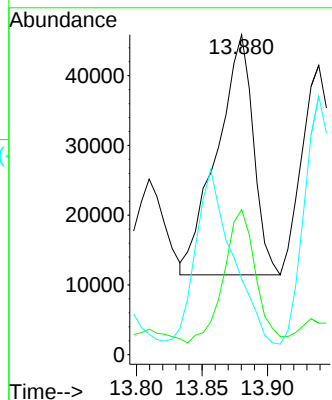
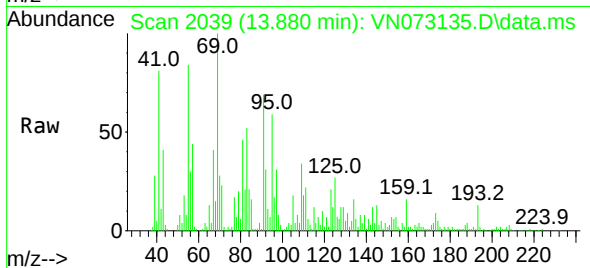
Ion	Ratio	Lower	Upper
91	100		
92	48.6	26.9	80.7
134	0.0	13.6	40.8

Manual Integrations

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Reviewed By :John Carlone 06/27/2022

Supervised By :Mahesh Dadoda 06/30/2022



#91

1,2-Dichlorobenzene

Concen: 12.150 ug/l

RT: 13.921 min Scan# 2046

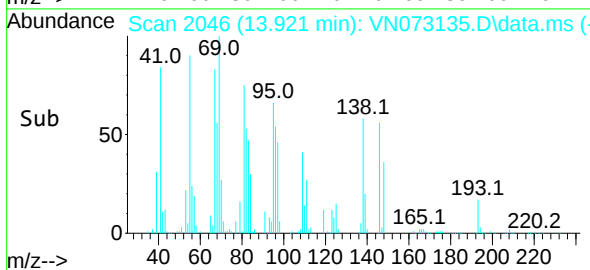
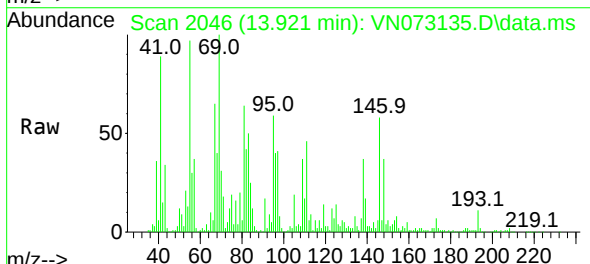
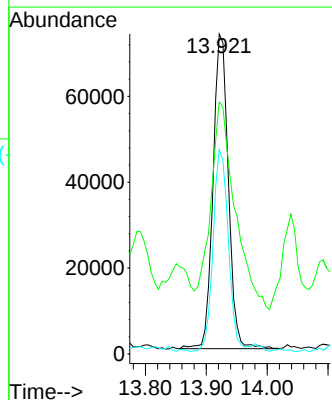
Delta R.T. 0.000 min

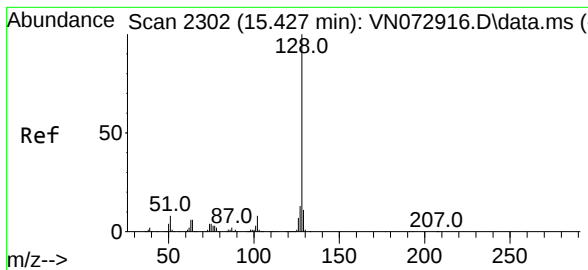
Lab File: VN073135.D

Acq: 26 Jun 2022 03:19

Tgt Ion:146 Resp: 127987

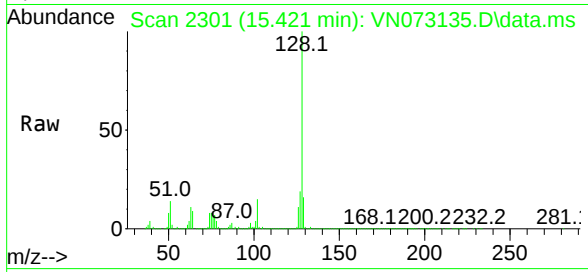
Ion	Ratio	Lower	Upper
146	100		
111	105.5	20.9	62.8
148	64.0	32.1	96.3





#95
Naphthalene
Concen: 1203.826 ug/l m
RT: 15.421 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN073135.D
Acq: 26 Jun 2022 03:19

Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-3



Tgt Ion:128 Resp:28389889
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5
129 0.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

