

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
 Data File : VN074295.D
 Acq On : 02 Sep 2022 19:21
 Operator : JC\MD
 Sample : N4329-06DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LB-3RDL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/03/2022
 Supervised By : Mahesh Dadoda 09/06/2022

Quant Time: Sep 03 04:41:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 03 04:35:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	278681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	498137	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	487435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	228816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	186414	42.911	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.820%		
35) Dibromofluoromethane	7.951	113	165007	49.988	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.980%		
50) Toluene-d8	10.381	98	607031	46.637	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.280%		
62) 4-Bromofluorobenzene	12.669	95	222250	46.853	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.700%		
Target Compounds					Qvalue	
16) Acetone	4.228	43	14099m	7.766	ug/l	
31) Cyclohexane	8.022	56	69427	11.966	ug/l #	91
39) Methylcyclohexane	9.398	83	87277	15.462	ug/l	98
40) Benzene	8.392	78	33972	2.299	ug/l	95
52) Toluene	10.439	92	13016	1.425	ug/l	98
67) Ethyl Benzene	11.786	91	39665	2.019	ug/l	100
68) m/p-Xylenes	11.892	106	12370	1.687	ug/l	95
69) o-Xylene	12.216	106	3581	0.489	ug/l	80
73) Isopropylbenzene	12.522	105	104097	5.195	ug/l	99
78) n-propylbenzene	12.857	91	395831	17.283	ug/l	96
84) 1,2,4-Trimethylbenzene	13.310	105	8627	0.530	ug/l	100
85) sec-Butylbenzene	13.439	105	29104	1.430	ug/l #	65
86) p-Isopropyltoluene	13.551	119	5277m	0.333	ug/l	
89) n-Butylbenzene	13.880	91	38666	2.795	ug/l	93
95) Naphthalene	15.433	128	94049	6.356	ug/l	97

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

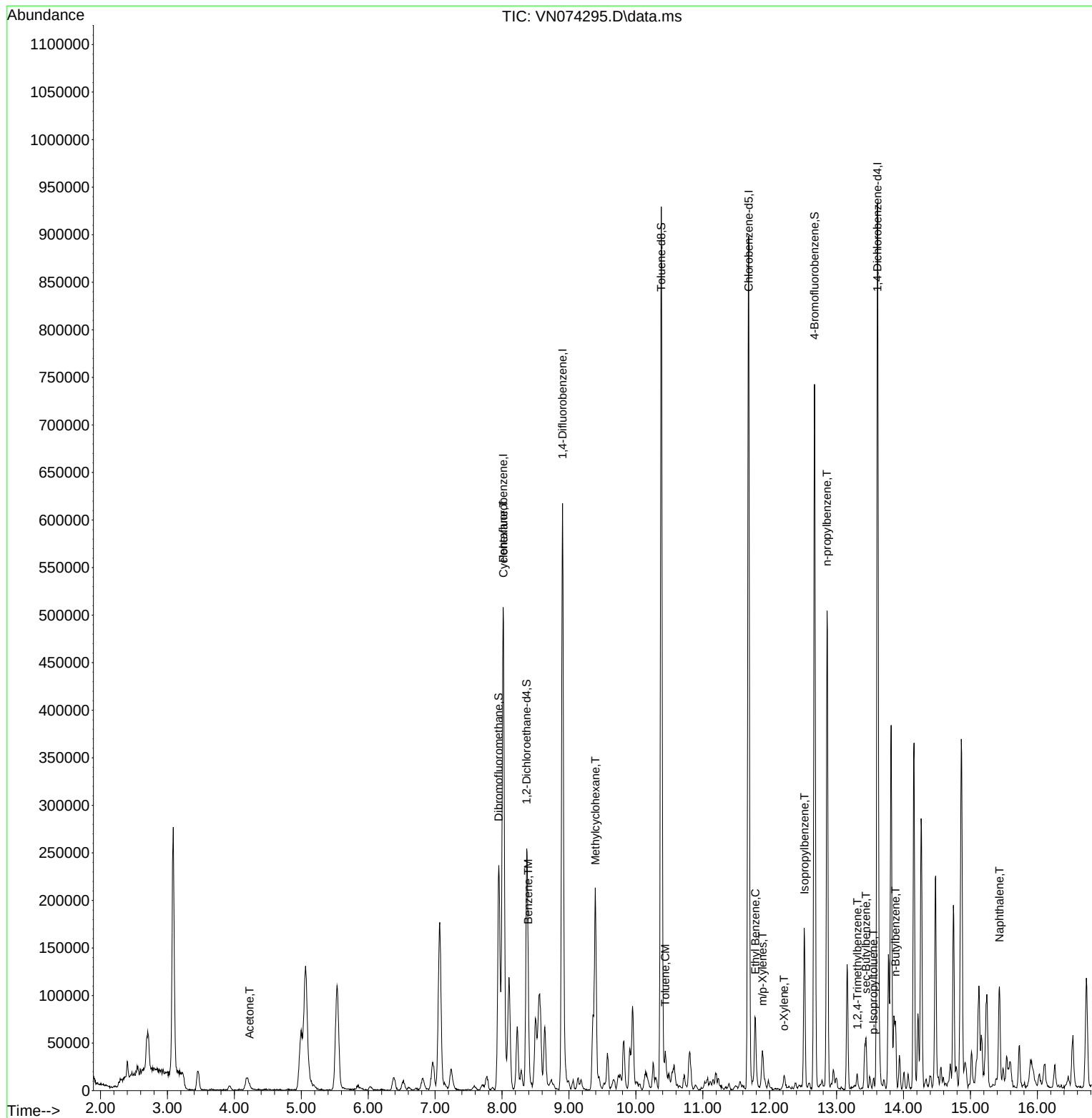
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
Data File : VN074295.D
Acq On : 02 Sep 2022 19:21
Operator : JC\MD
Sample : N4329-06DL 5X
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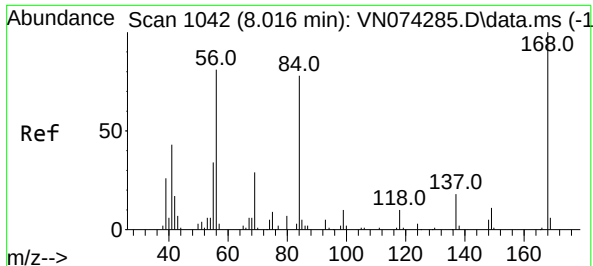
Instrument :
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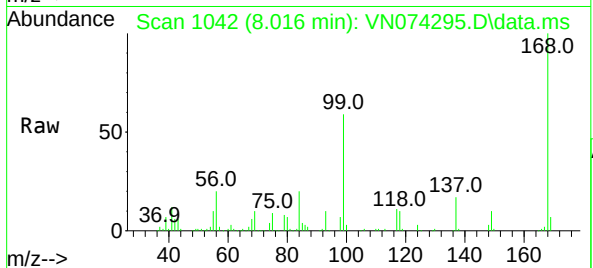
Quant Time: Sep 03 04:41:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 03 04:35:33 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074295.D
Acq: 02 Sep 2022 19:21

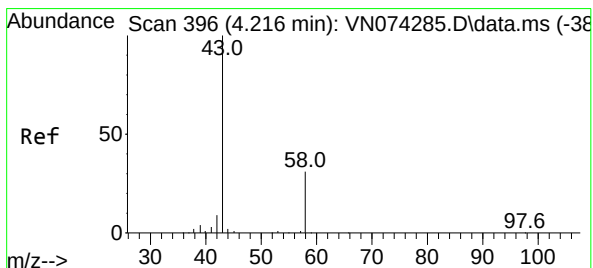
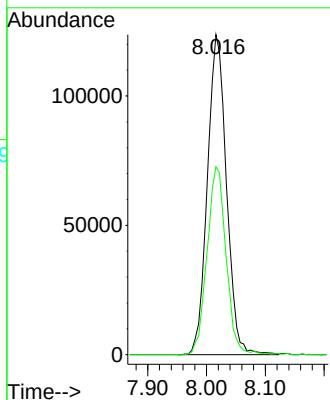
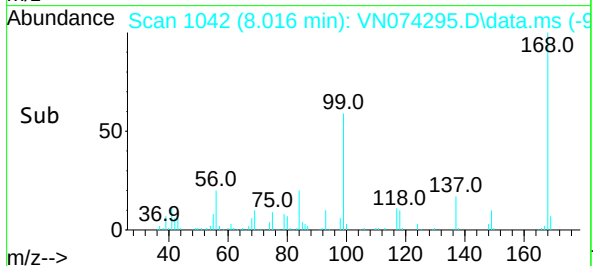
Instrument :
MSVOA_N
ClientSampleId :
LB-3RDL



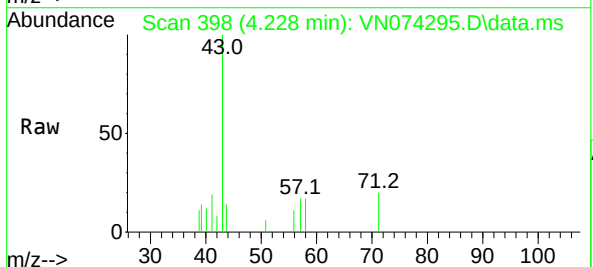
Tgt Ion:168 Resp: 27868
Ion Ratio Lower Upper
168 100
99 58.7 42.3 63.5

Manual Integrations
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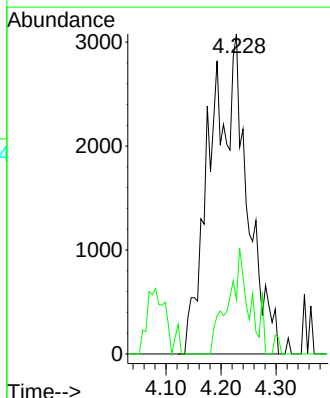
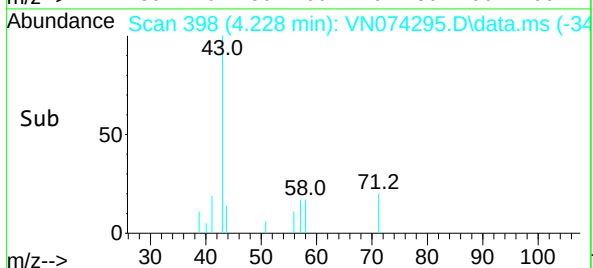
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

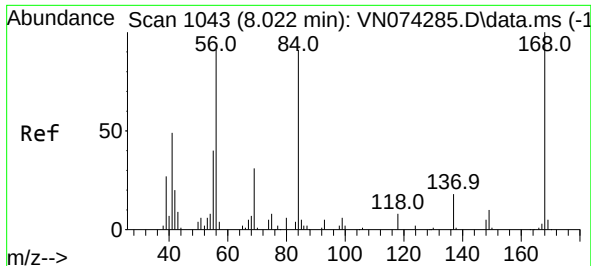


#16
Acetone
Concen: 7.766 ug/l m
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN074295.D
Acq: 02 Sep 2022 19:21



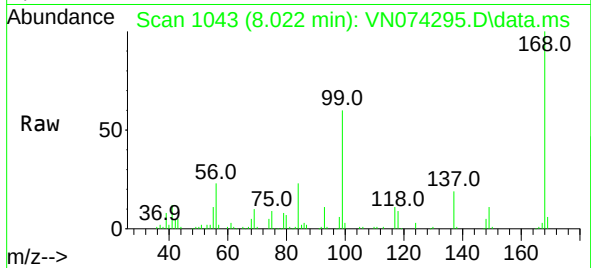
Tgt Ion: 43 Resp: 14099
Ion Ratio Lower Upper
43 100
58 17.0 26.0 39.0#





#31
Cyclohexane
Concen: 11.966 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074295.D
Acq: 02 Sep 2022 19:21

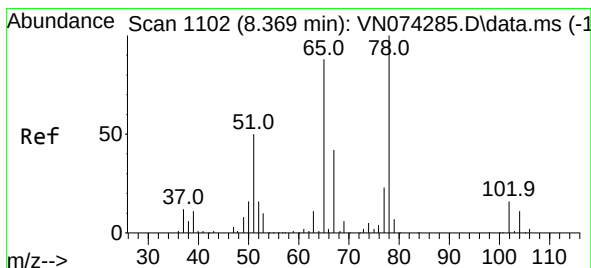
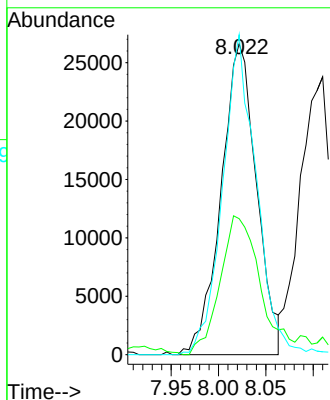
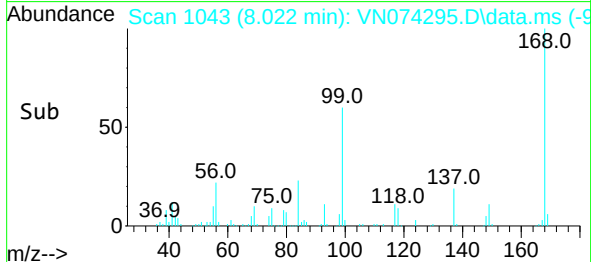
Instrument :
MSVOA_N
ClientSampleId :
LB-3RDL



Tgt Ion: 56 Resp: 6942
Ion Ratio Lower Upper
56 100
69 43.1 27.8 41.8
84 102.9 76.9 115.3

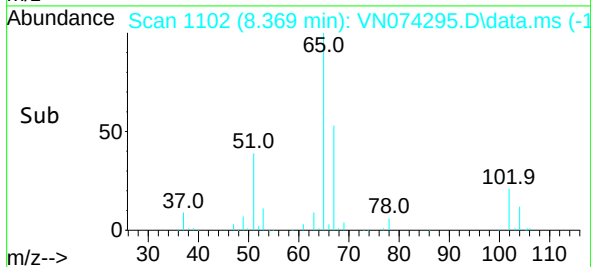
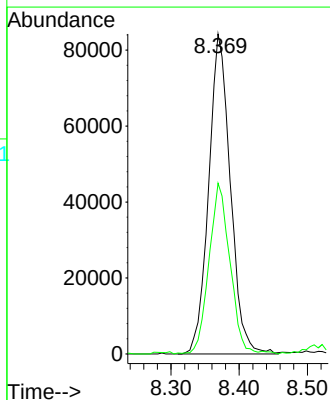
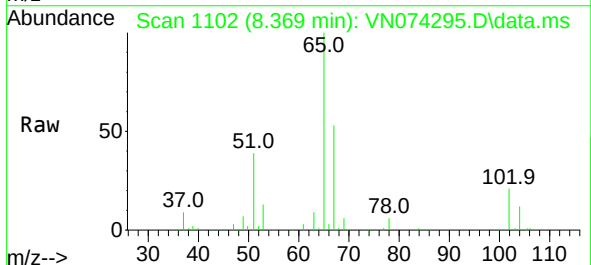
Manual Integrations
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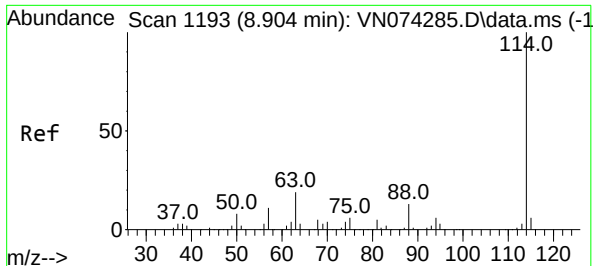
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#33
1,2-Dichloroethane-d4
Concen: 42.911 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074295.D
Acq: 02 Sep 2022 19:21

Tgt Ion: 65 Resp: 186414
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074295.D

Acq: 02 Sep 2022 19:21

Instrument :

MSVOA_N

ClientSampleId :

LB-3RDL

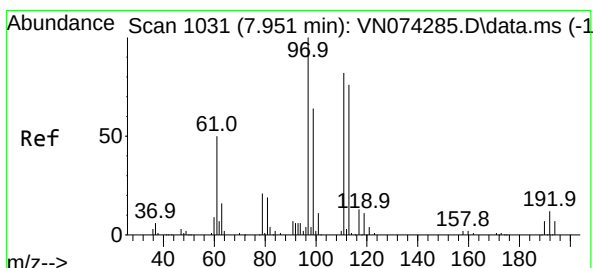
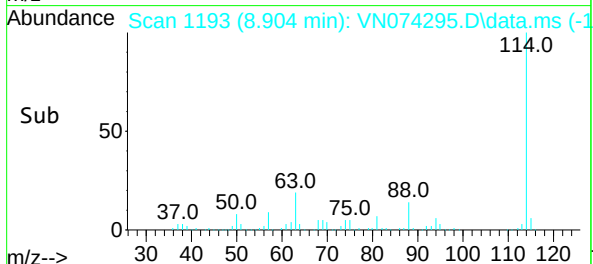
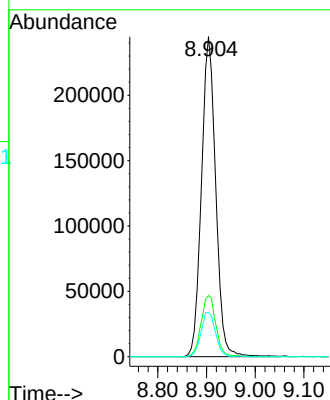
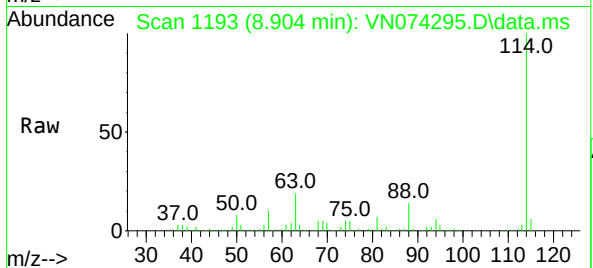
Tgt Ion:	114	Resp:	49813
Ion Ratio	Lower	Upper	
114	100		
63	19.1	0.0	40.0
88	13.7	0.0	32.6

Manual Integrations

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Reviewed By :John Carlone 09/03/2022

Supervised By :Mahesh Dadoda 09/06/2022



#35

Dibromofluoromethane

Concen: 49.988 ug/l

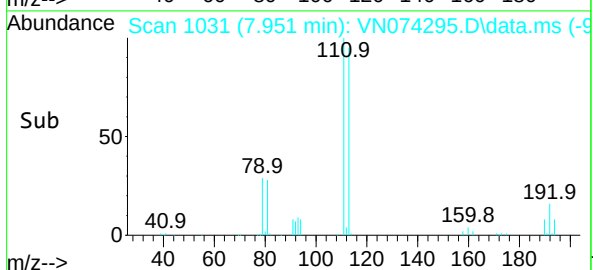
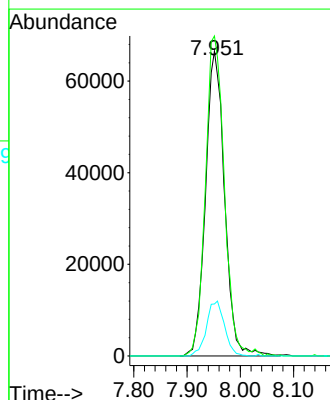
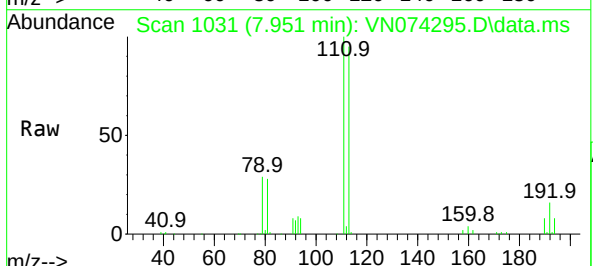
RT: 7.951 min Scan# 1031

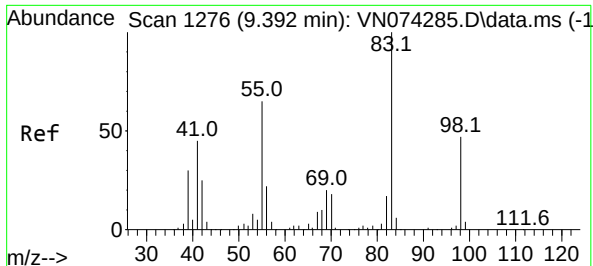
Delta R.T. 0.000 min

Lab File: VN074295.D

Acq: 02 Sep 2022 19:21

Tgt Ion:	113	Resp:	165007
Ion Ratio	Lower	Upper	
113	100		
111	104.0	81.4	122.0
192	17.1	17.0	25.6





#39

Methylcyclohexane

Concen: 15.462 ug/l

RT: 9.398 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VN074295.D

Acq: 02 Sep 2022 19:21

Instrument :

MSVOA_N

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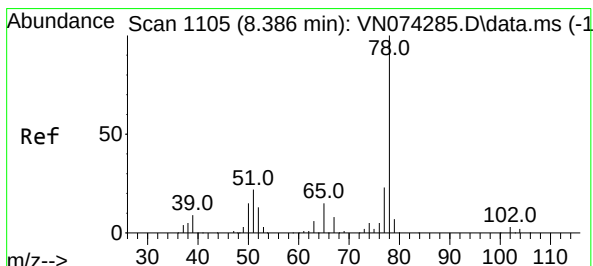
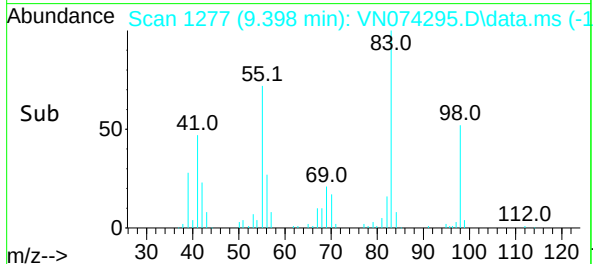
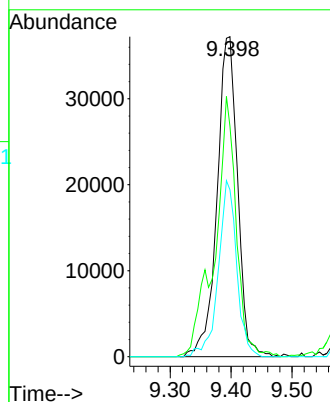
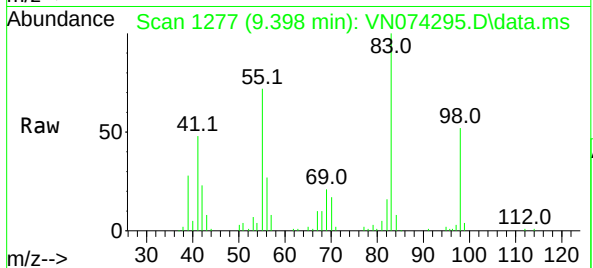
Tgt Ion: 83	Resp: 8727
Ion Ratio	Lower Upper
83 100	
55 71.9	57.8 86.8
98 52.2	39.4 59.2

Manual Integrations

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Reviewed By :John Carlone 09/03/2022

Supervised By :Mahesh Dadoda 09/06/2022



#40

Benzene

Concen: 2.299 ug/l

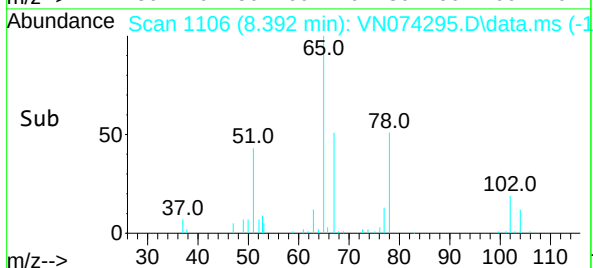
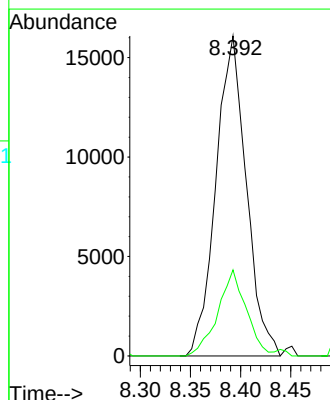
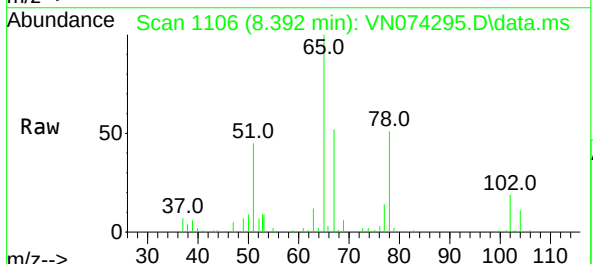
RT: 8.392 min Scan# 1106

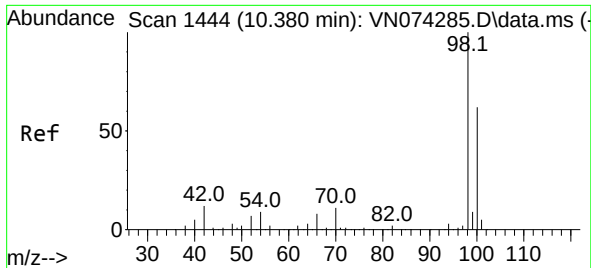
Delta R.T. 0.000 min

Lab File: VN074295.D

Acq: 02 Sep 2022 19:21

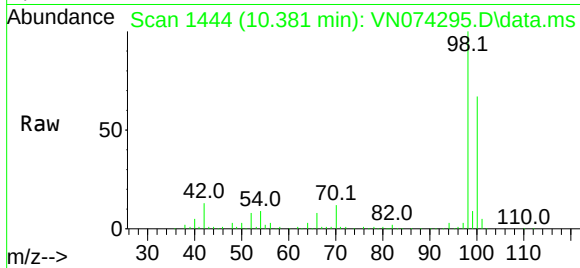
Tgt Ion: 78	Resp: 33972
Ion Ratio	Lower Upper
78 100	
77 26.9	19.4 29.0





#50
Toluene-d8
Concen: 46.637 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074295.D
Acq: 02 Sep 2022 19:21

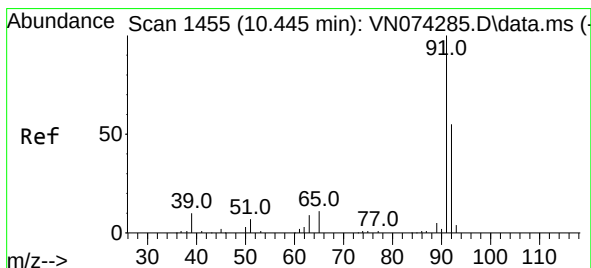
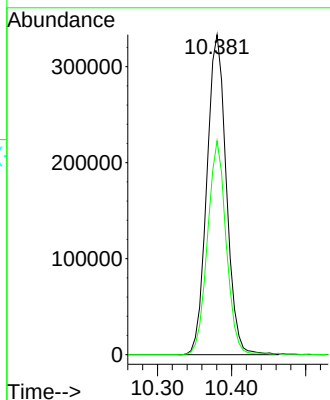
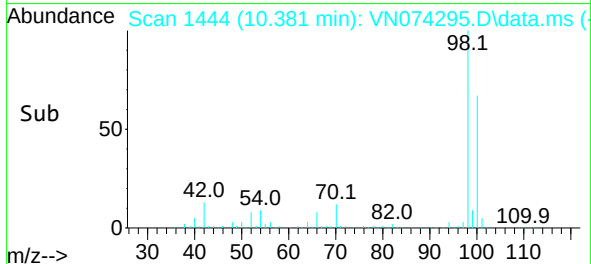
Instrument :
MSVOA_N
ClientSampleId :
LB-3RDL



Tgt Ion: 98 Resp: 60703
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8

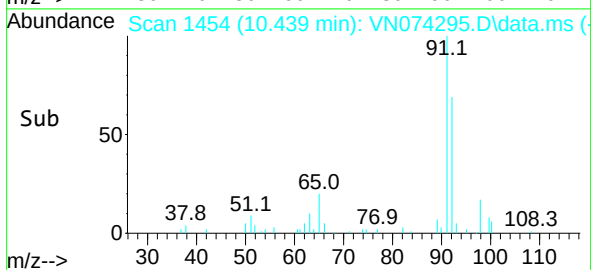
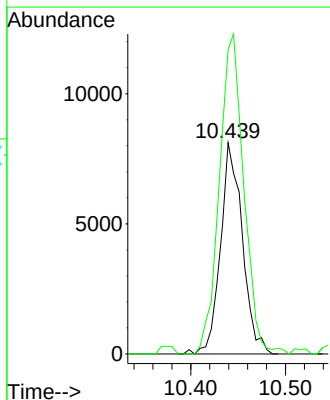
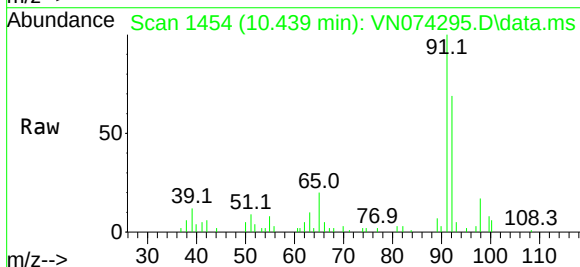
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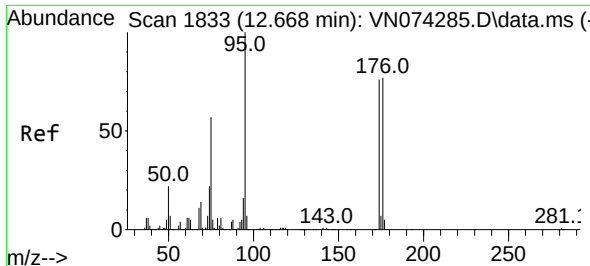
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#52
Toluene
Concen: 1.425 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. -0.006 min
Lab File: VN074295.D
Acq: 02 Sep 2022 19:21

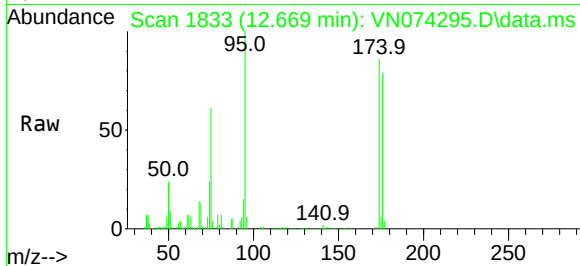
Tgt Ion: 92 Resp: 13016
Ion Ratio Lower Upper
92 100
91 169.7 138.6 207.8





#62
4-Bromofluorobenzene
Concen: 46.853 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074295.D
Acq: 02 Sep 2022 19:21

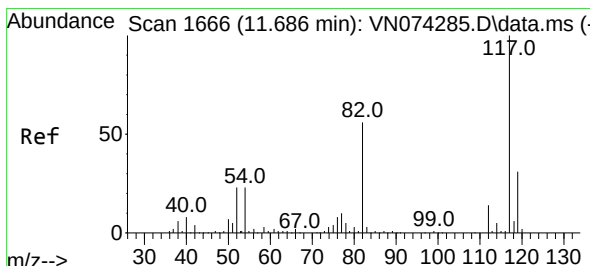
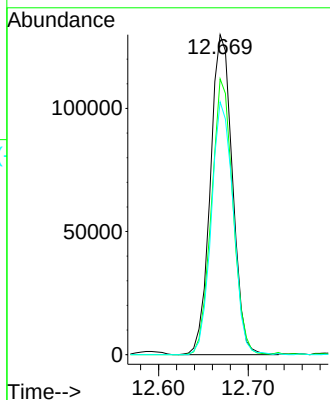
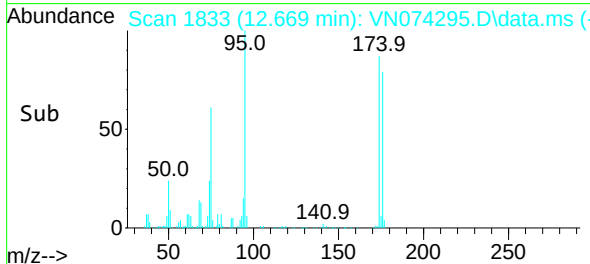
Instrument :
MSVOA_N
ClientSampleId :
LB-3RDL



Tgt Ion: 95 Resp: 222250
Ion Ratio Lower Upper
95 100
174 83.4 0.0 167.6
176 78.2 0.0 163.4

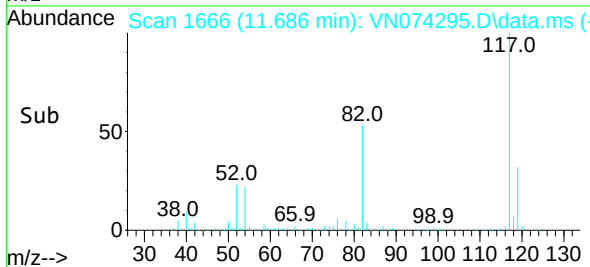
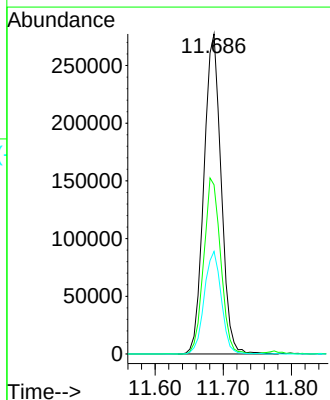
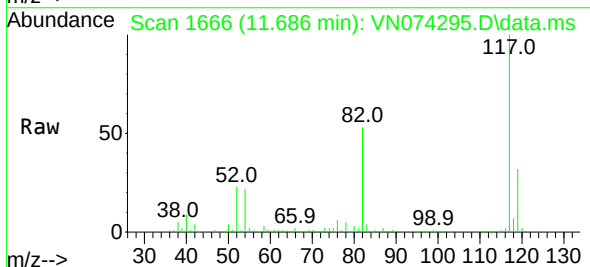
Manual Integrations
APPROVED

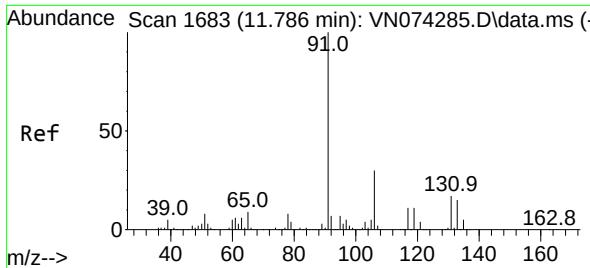
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074295.D
Acq: 02 Sep 2022 19:21

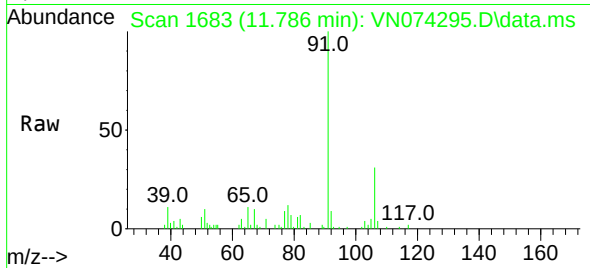
Tgt Ion:117 Resp: 487435
Ion Ratio Lower Upper
117 100
82 52.9 44.2 66.2
119 32.1 25.4 38.0





#67
Ethyl Benzene
Concen: 2.019 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074295.D
Acq: 02 Sep 2022 19:21

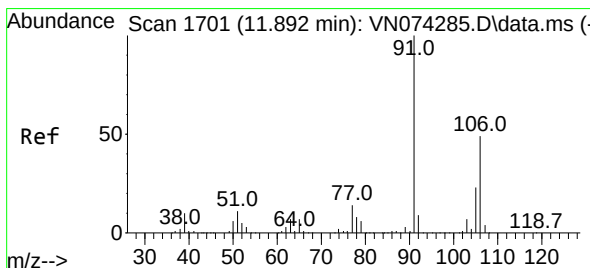
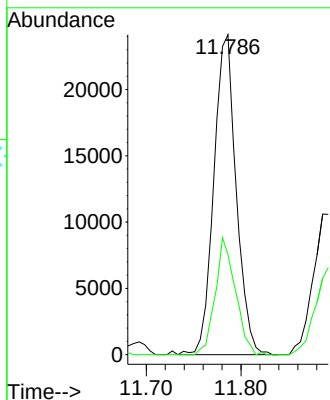
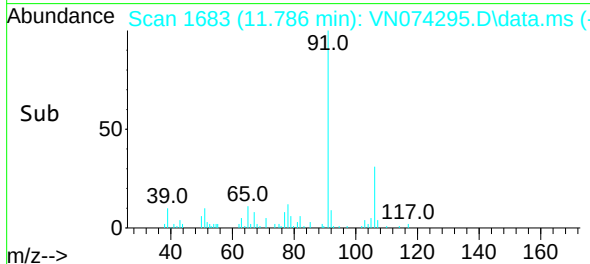
Instrument :
MSVOA_N
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LB-3RDL



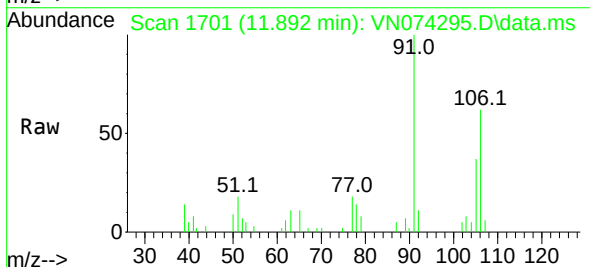
Tgt Ion: 91 Resp: 3966
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

Manual Integrations
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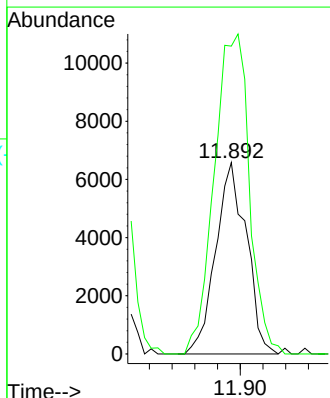
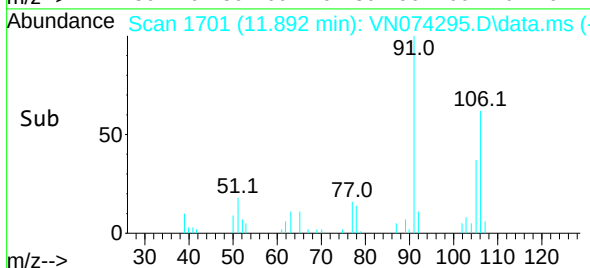
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

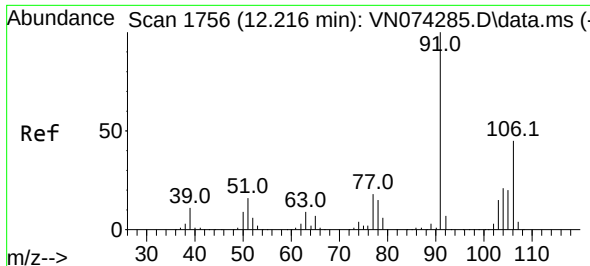


#68
m/p-Xylenes
Concen: 1.687 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074295.D
Acq: 02 Sep 2022 19:21



Tgt Ion:106 Resp: 12370
Ion Ratio Lower Upper
106 100
91 190.6 158.9 238.3





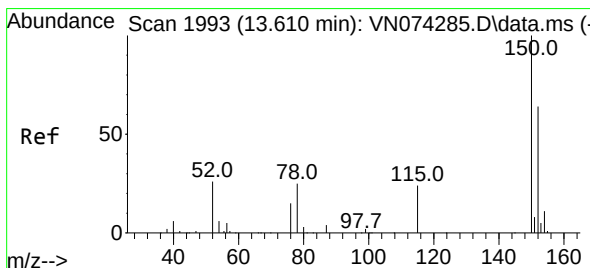
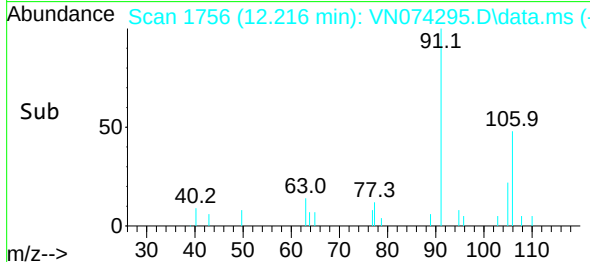
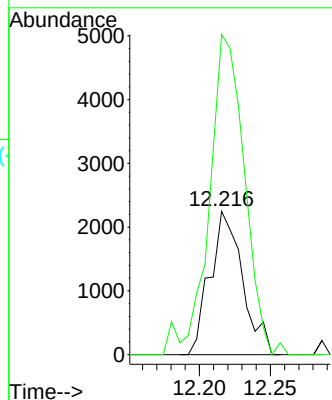
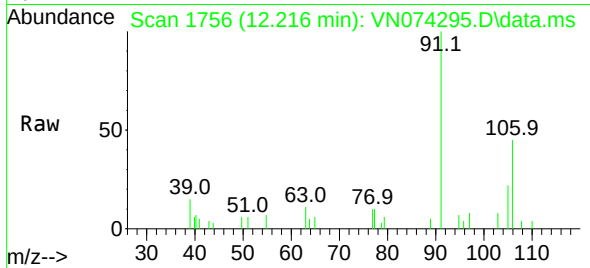
#69
o-Xylene
Concen: 0.489 ug/l
RT: 12.216 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN074295.D
Acq: 02 Sep 2022 19:21

Instrument :
MSVOA_N
ClientSampleId :
LB-3RDL

Tgt Ion:106 Resp: 358
Ion Ratio Lower Upper
106 100
91 242.6 106.0 318.0

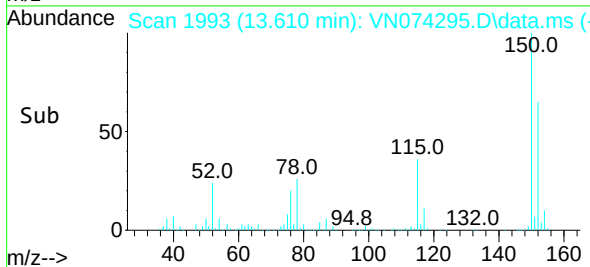
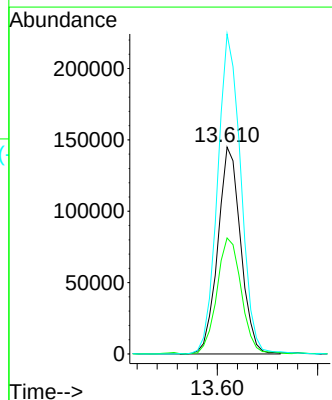
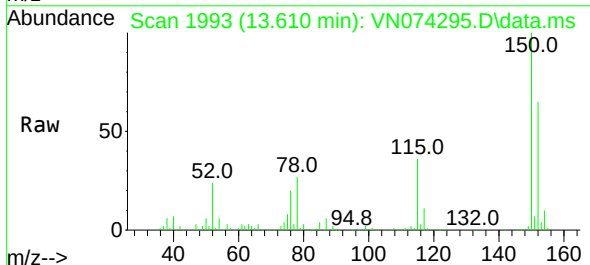
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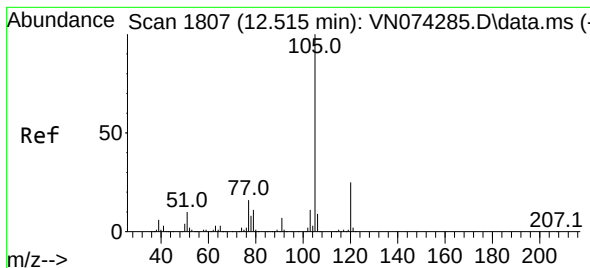
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN074295.D
Acq: 02 Sep 2022 19:21

Tgt Ion:152 Resp: 228816
Ion Ratio Lower Upper
152 100
115 59.6 28.9 86.7
150 157.8 0.0 356.2





#73

Isopropylbenzene

Concen: 5.195 ug/l

RT: 12.522 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VN074295.D

Acq: 02 Sep 2022 19:21

Instrument :

MSVOA_N

ClientSampleId :

LB-3RDL

Tgt Ion:105 Resp: 10409

Ion Ratio Lower Upper

105 100

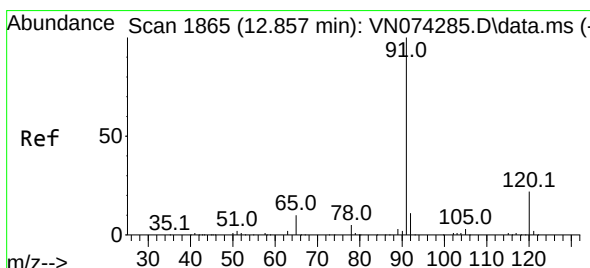
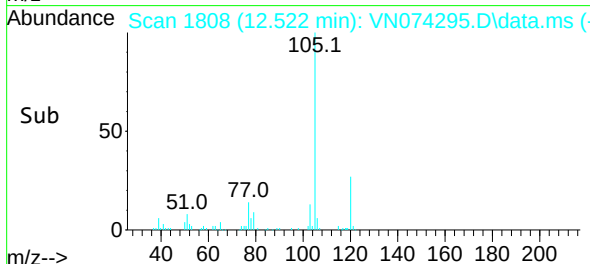
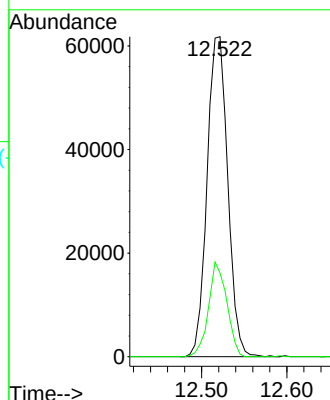
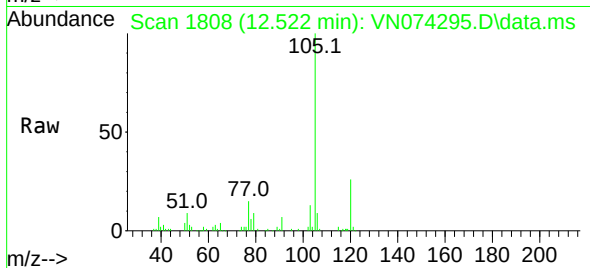
120 26.1 13.5 40.4

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Reviewed By :John Carlone 09/03/2022

Supervised By :Mahesh Dadoda 09/06/2022



#78

n-propylbenzene

Concen: 17.283 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.006 min

Lab File: VN074295.D

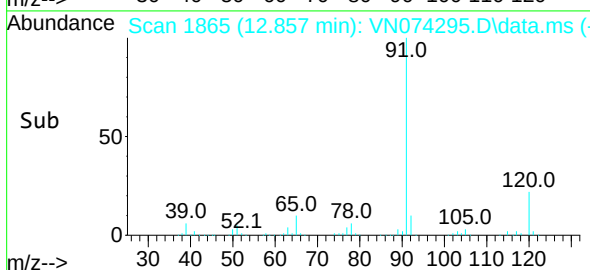
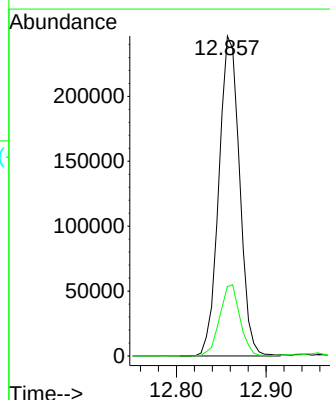
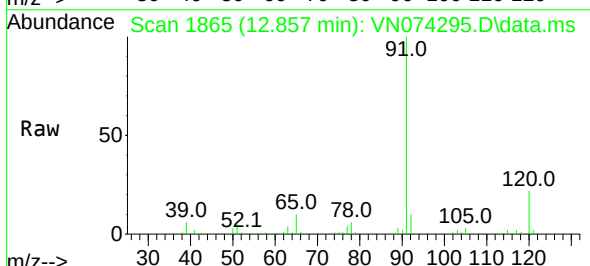
Acq: 02 Sep 2022 19:21

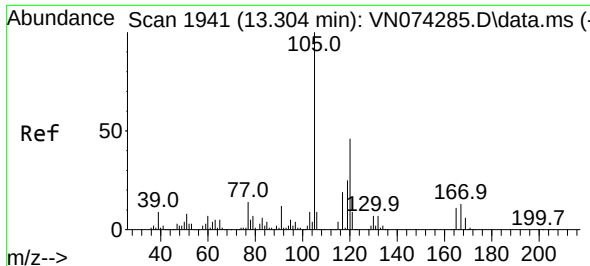
Tgt Ion: 91 Resp: 395831

Ion Ratio Lower Upper

91 100

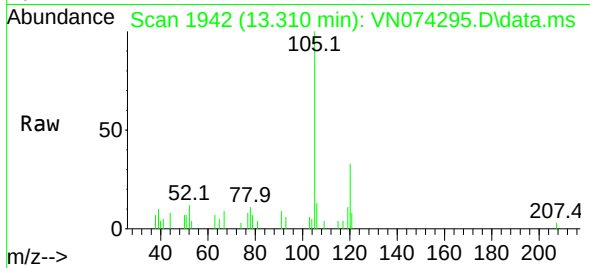
120 21.7 11.9 35.5





#84
1,2,4-Trimethylbenzene
Concen: 0.530 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN074295.D
Acq: 02 Sep 2022 19:21

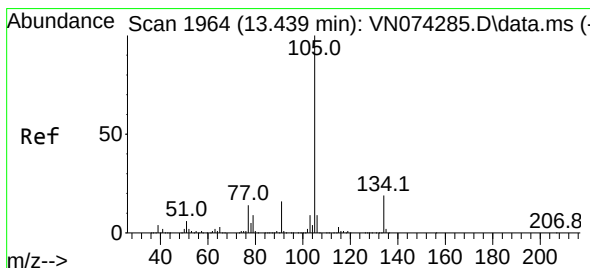
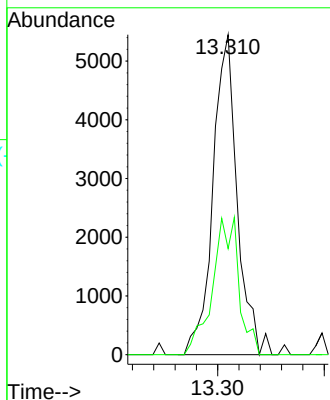
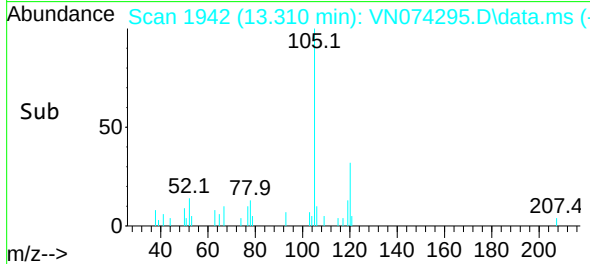
Instrument :
MSVOA_N
ClientSampleId :
LB-3RDL



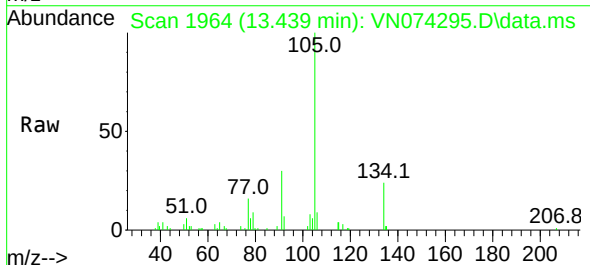
Tgt Ion:105 Resp: 862
Ion Ratio Lower Upper
105 100
120 46.5 23.3 69.8

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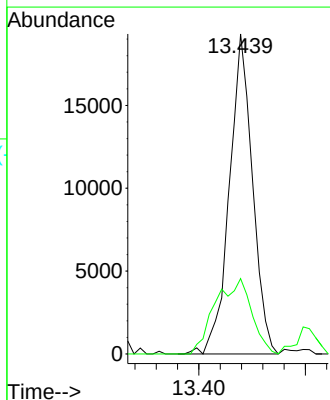
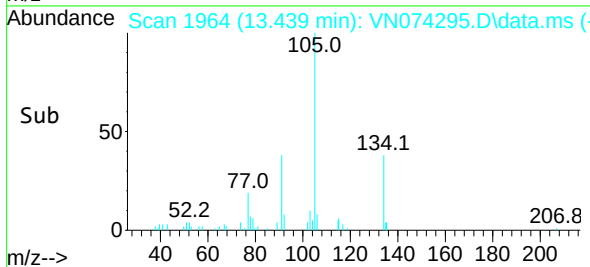
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

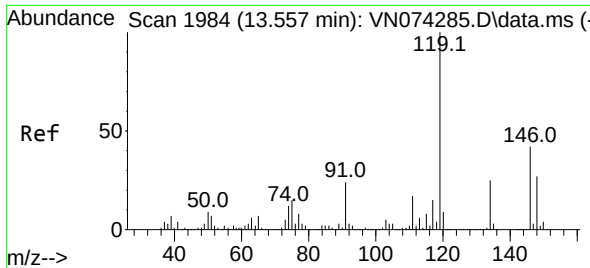


#85
sec-Butylbenzene
Concen: 1.430 ug/l
RT: 13.439 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VN074295.D
Acq: 02 Sep 2022 19:21



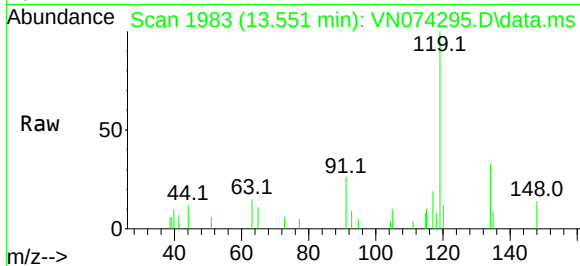
Tgt Ion:105 Resp: 29104
Ion Ratio Lower Upper
105 100
134 37.1 10.4 31.1#





#86
p-Isopropyltoluene
Concen: 0.333 ug/l m
RT: 13.551 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VN074295.D
Acq: 02 Sep 2022 19:21

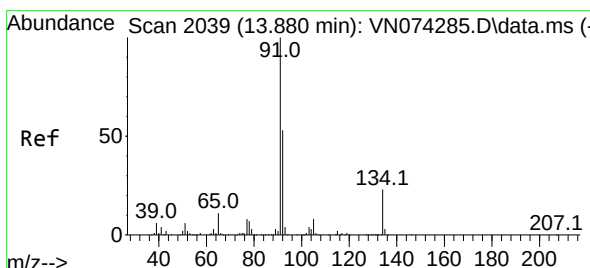
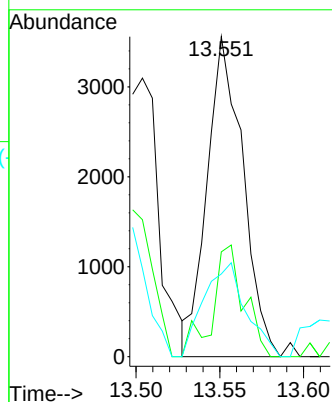
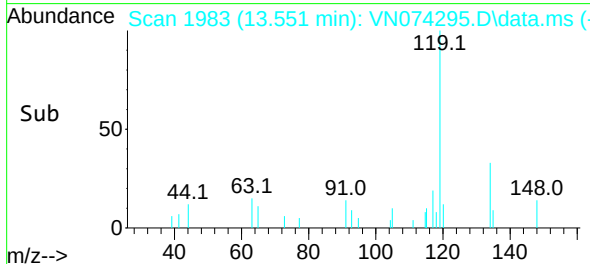
Instrument :
MSVOA_N
ClientSampleId :
LB-3RDL



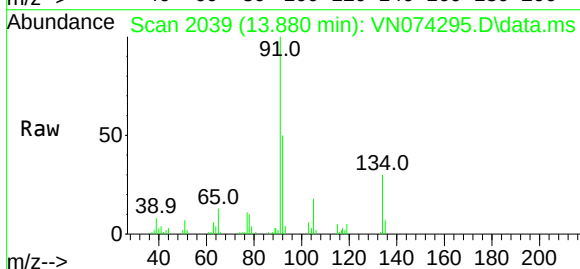
Tgt Ion: 119 Resp: 527
Ion Ratio Lower Upper
119 100
134 40.6 13.3 39.8
91 36.6 11.3 33.9

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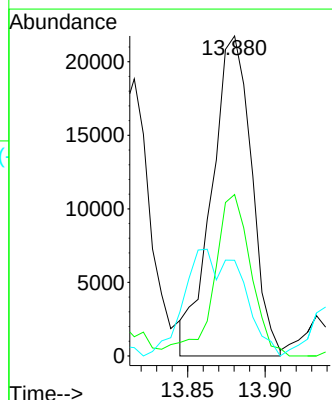
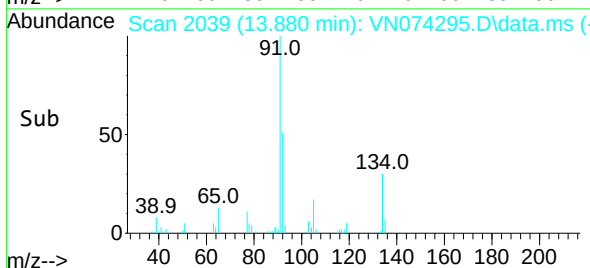
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

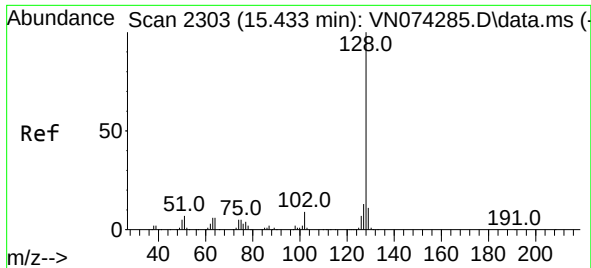


#89
n-Butylbenzene
Concen: 2.795 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN074295.D
Acq: 02 Sep 2022 19:21



Tgt Ion: 91 Resp: 38666
Ion Ratio Lower Upper
91 100
92 47.0 26.9 80.7
134 27.8 13.6 40.8





#95

Naphthalene

Concen: 6.356 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN074295.D

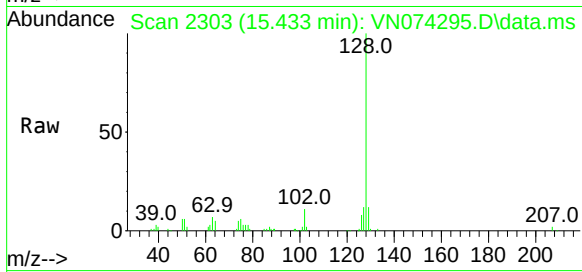
Acq: 02 Sep 2022 19:21

Instrument :

MSVOA_N

ClientSampleId :

LB-3RDL



Tgt Ion:128 Resp: 94049

Ion Ratio Lower Upper

128 100

127 13.9 10.3 15.5

129 11.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2022

Supervised By :Mahesh Dadoda 09/06/2022

