

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101022\
 Data File : VN074830.D
 Acq On : 10 Oct 2022 14:24
 Operator : JC\MD
 Sample : N4968-04DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CLI-0620DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/11/2022
 Supervised By : Mahesh Dadoda 10/11/2022

Quant Time: Oct 11 06:24:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	402437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	686206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	727873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	360265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	448609	47.047	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.100%		
35) Dibromofluoromethane	8.177	113	354328	51.107	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.220%		
50) Toluene-d8	10.571	98	1521311	51.138	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.280%		
62) 4-Bromofluorobenzene	12.853	95	427637	47.288	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.580%		
Target Compounds					Qvalue	
16) Acetone	4.448	43	255236	47.233	ug/l	94
19) Methyl tert-butyl Ether	5.812	73	25382m	0.835	ug/l	
25) 2-Butanone	7.512	43	15598	1.590	ug/l	96
40) Benzene	8.618	78	257019	7.075	ug/l	93
52) Toluene	10.635	92	1247965	57.183	ug/l	98
67) Ethyl Benzene	11.965	91	243127	5.850	ug/l	96
68) m/p-Xylenes	12.076	106	649996	41.660	ug/l	97
69) o-Xylene	12.400	106	393202	24.564	ug/l	96
73) Isopropylbenzene	12.694	105	15680	0.452	ug/l	90
80) 1,3,5-Trimethylbenzene	13.176	105	119691m	4.329	ug/l	
84) 1,2,4-Trimethylbenzene	13.482	105	476668m	17.050	ug/l	
95) Naphthalene	15.641	128	347459	13.876	ug/l	98

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

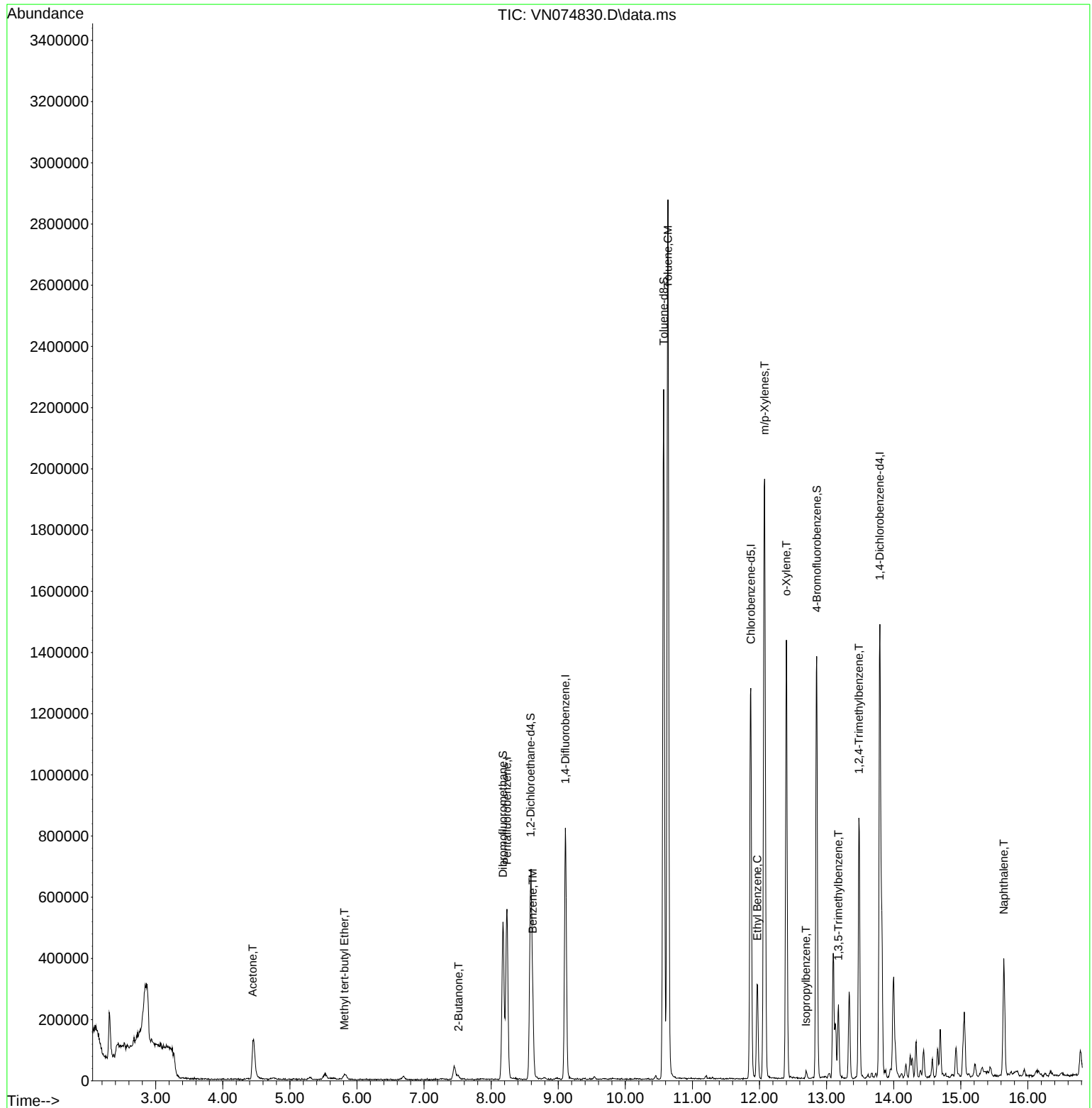
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101022\
Data File : VN074830.D
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

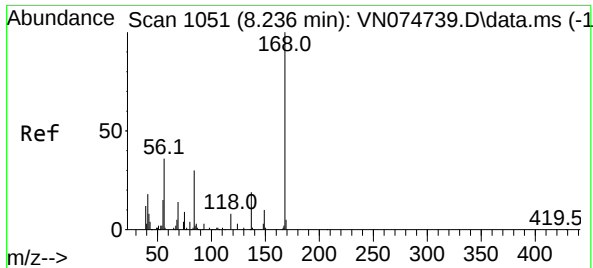
Instrument :
MSVOA_N
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CLI-0620DL

Quant Time: Oct 11 06:24:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
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QLast Update : Thu Oct 06 05:37:50 2022
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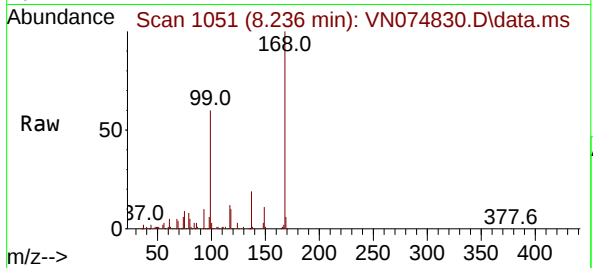
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

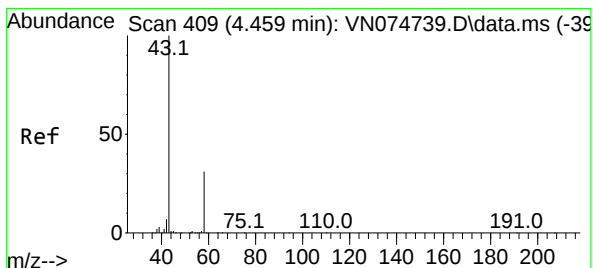
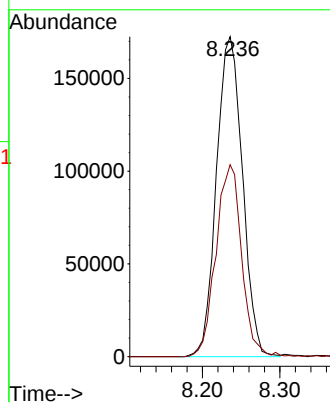
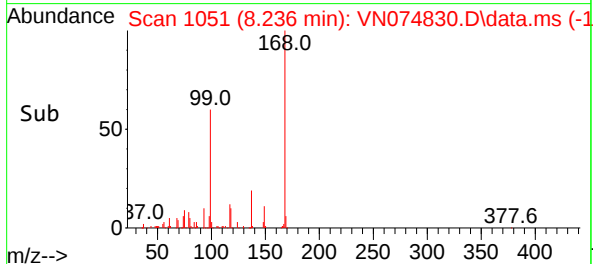
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MSVOA_N
ClientSampleId :
CLI-0620DL



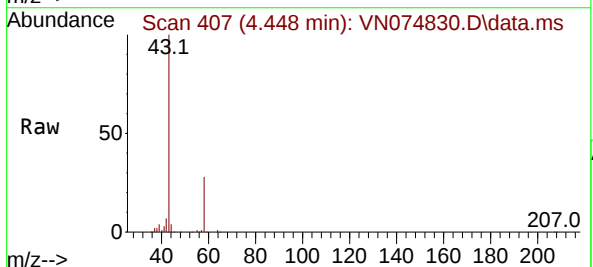
Tgt Ion:168 Resp: 40243
Ion Ratio Lower Upper
168 100
99 60.0 42.8 64.2

Manual Integrations
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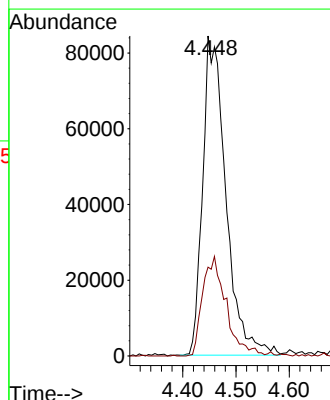
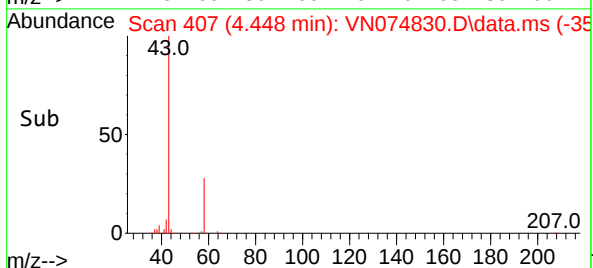
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

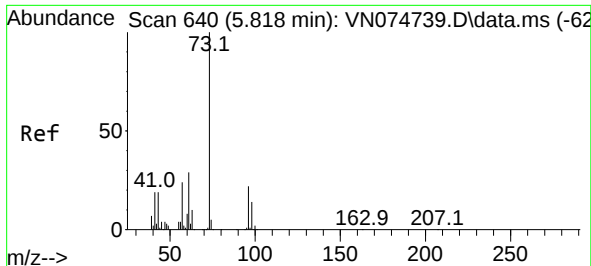


#16
Acetone
Concen: 47.233 ug/l
RT: 4.448 min Scan# 407
Delta R.T. -0.012 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24



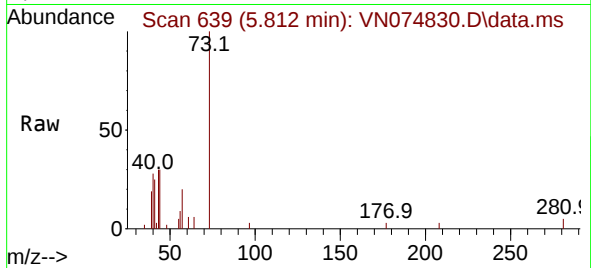
Tgt Ion: 43 Resp: 255236
Ion Ratio Lower Upper
43 100
58 27.8 24.9 37.3





#19
Methyl tert-butyl Ether
Concen: 0.835 ug/l m
RT: 5.812 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

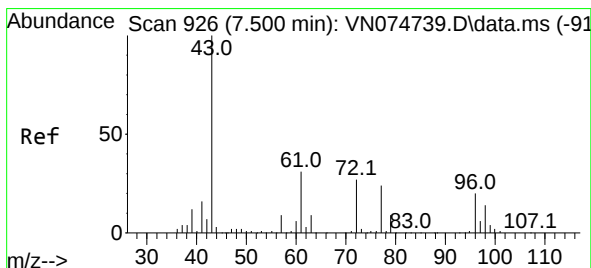
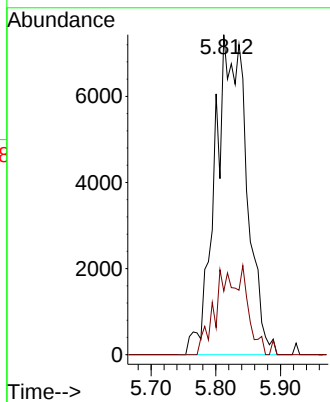
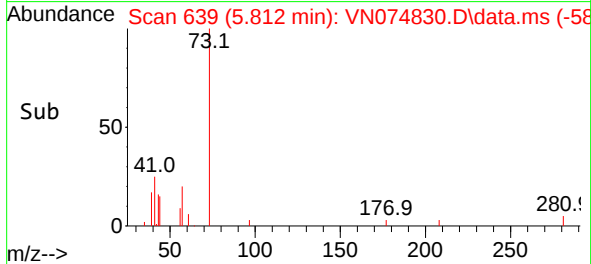
Instrument :
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CLI-0620DL



Tgt Ion: 73 Resp: 2538
Ion Ratio Lower Upper
73 100
57 19.9 19.0 28.4

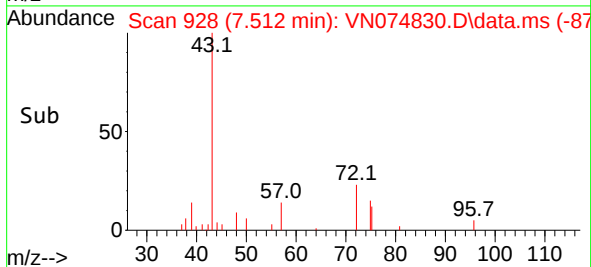
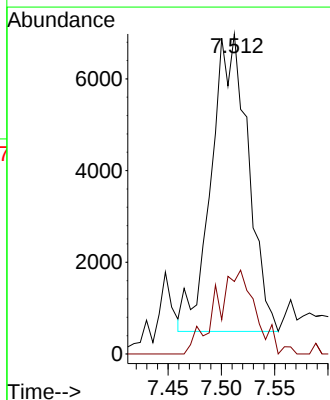
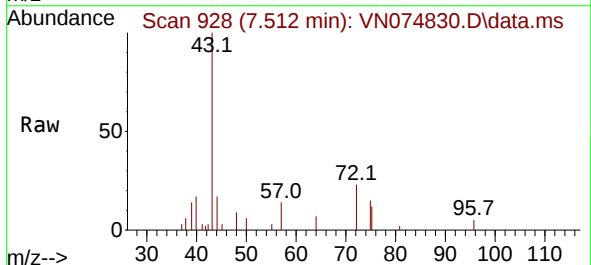
Manual Integrations
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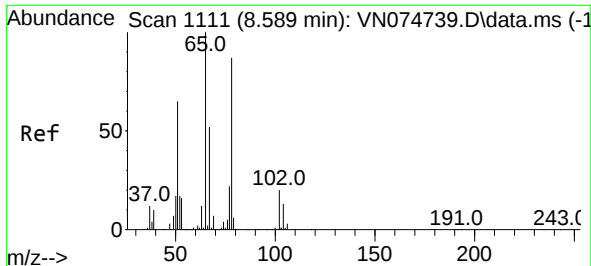
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#25
2-Butanone
Concen: 1.590 ug/l
RT: 7.512 min Scan# 928
Delta R.T. 0.012 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

Tgt Ion: 43 Resp: 15598
Ion Ratio Lower Upper
43 100
72 24.4 21.4 32.0





#33

1,2-Dichloroethane-d4

Concen: 47.047 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN074830.D

Acq: 10 Oct 2022 14:24

Instrument :

MSVOA_N

ClientSampleId :

CLI-0620DL

Tgt Ion: 65 Resp: 448609

Ion Ratio Lower Upper

65 100

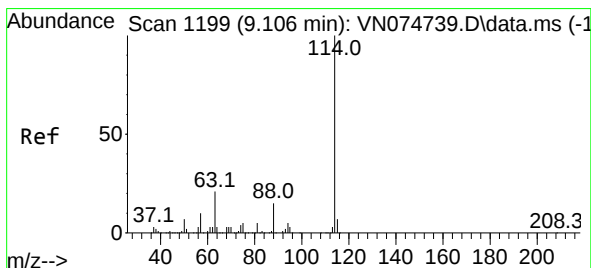
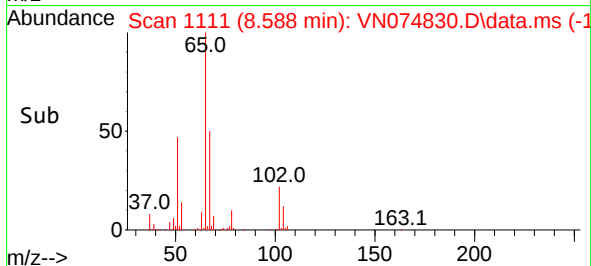
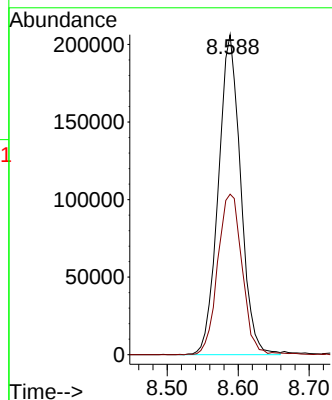
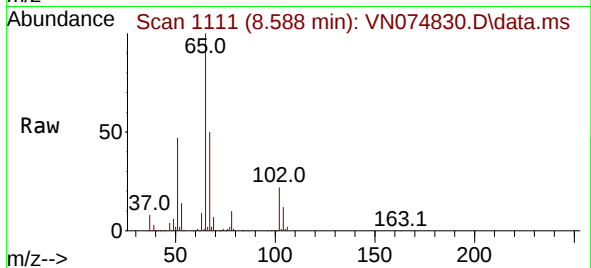
67 55.2 0.0 109.0

Manual Integrations

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Supervised By :Mahesh Dadoda 10/11/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074830.D

Acq: 10 Oct 2022 14:24

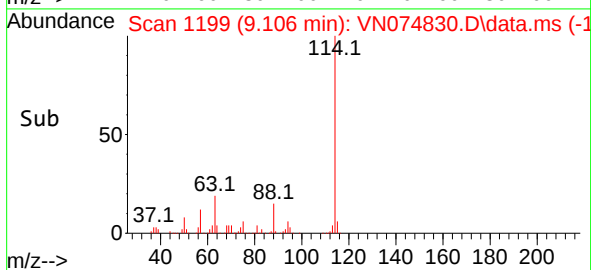
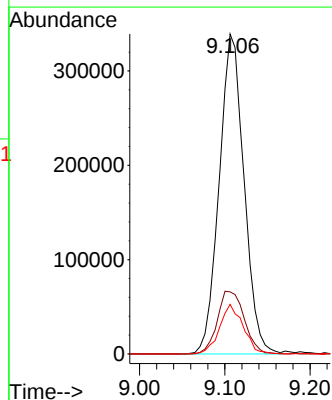
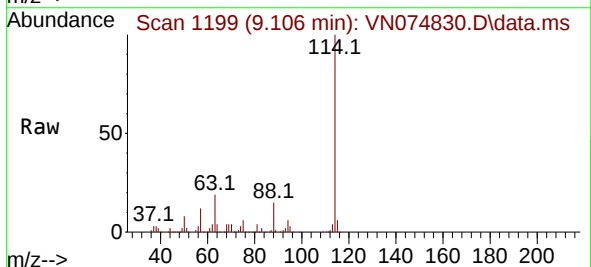
Tgt Ion:114 Resp: 686206

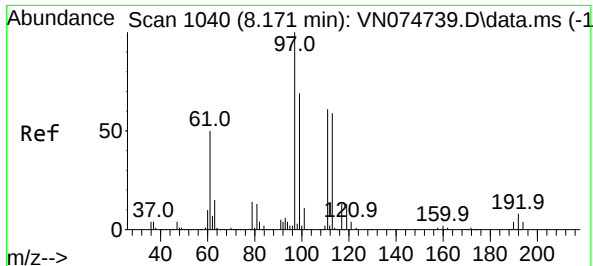
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.2

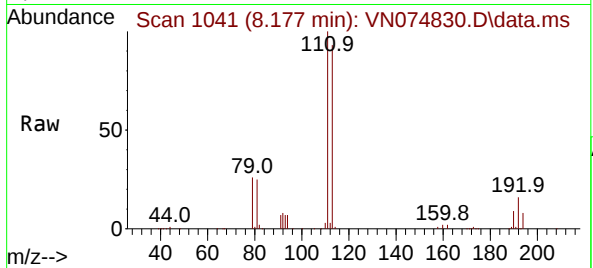
88 15.5 0.0 30.2





#35
Dibromofluoromethane
Concen: 51.107 ug/l
RT: 8.177 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

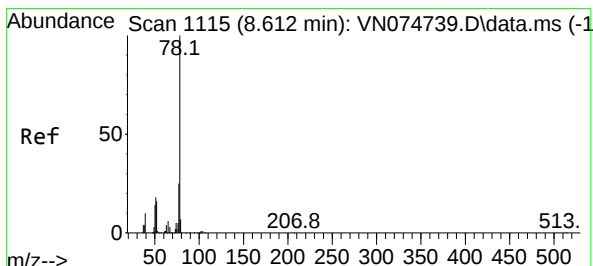
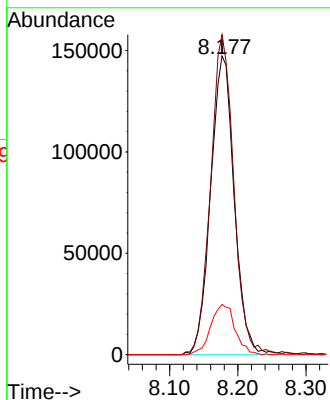
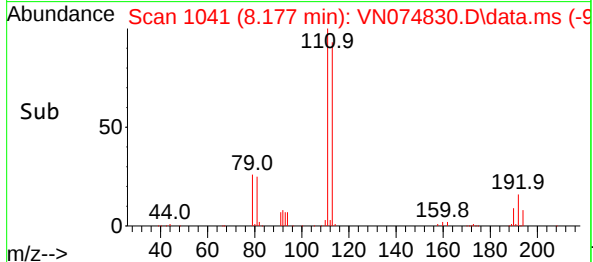
Instrument :
MSVOA_N
ClientSampleId :
CLI-0620DL



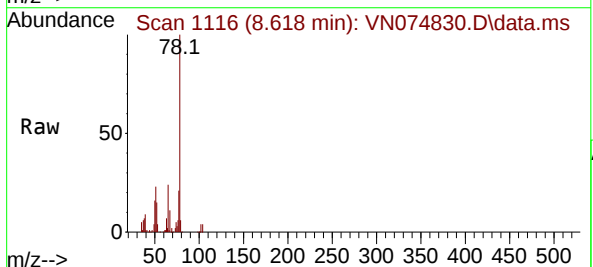
Tgt Ion: 113 Resp: 354328
Ion Ratio Lower Upper
113 100
111 105.2 83.0 124.6
192 17.4 12.6 18.8

Manual Integrations
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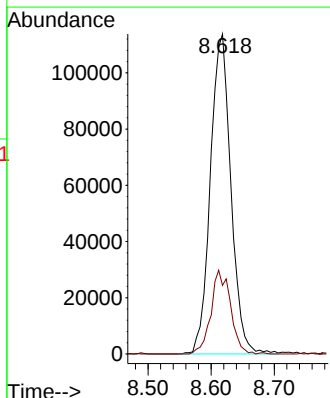
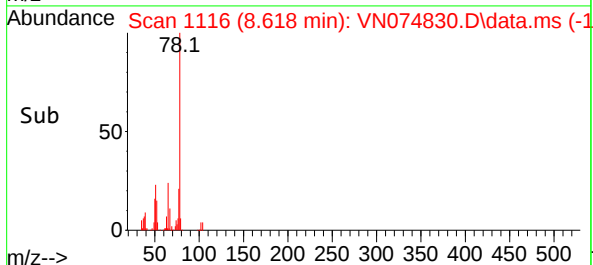
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

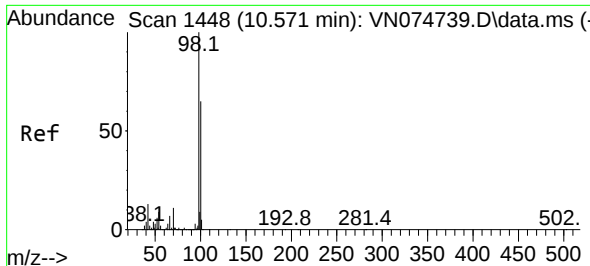


#40
Benzene
Concen: 7.075 ug/l
RT: 8.618 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24



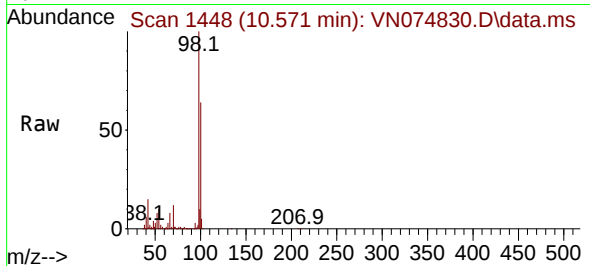
Tgt Ion: 78 Resp: 257019
Ion Ratio Lower Upper
78 100
77 21.5 20.1 30.1





#50
Toluene-d8
Concen: 51.138 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

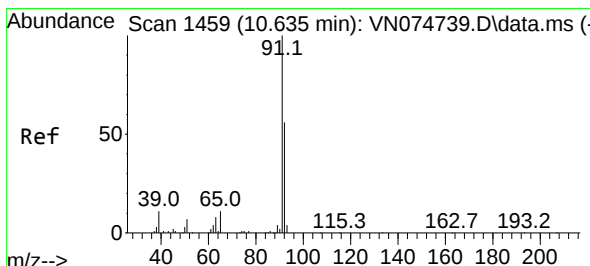
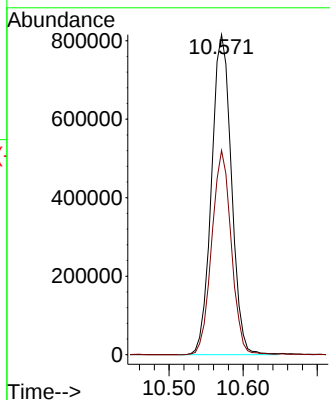
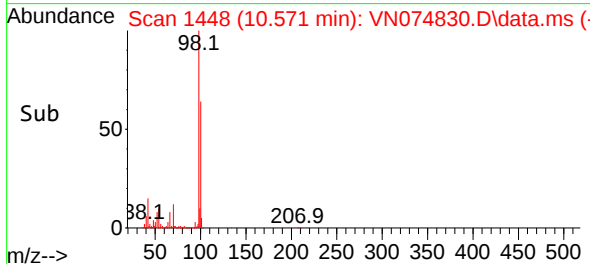
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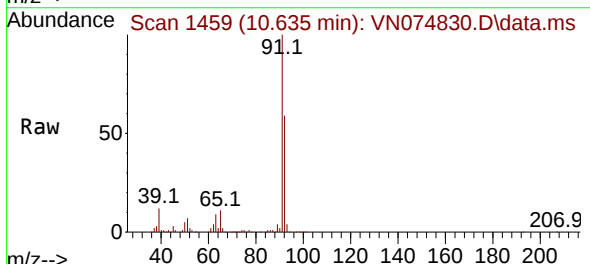
Tgt Ion: 98 Resp: 152131
Ion Ratio Lower Upper
98 100
100 62.4 50.7 76.1

Manual Integrations
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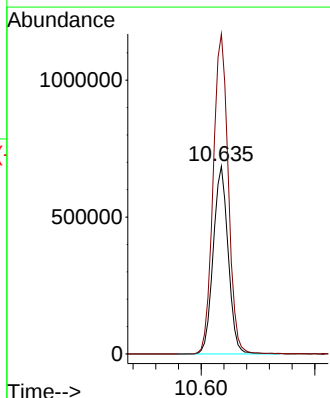
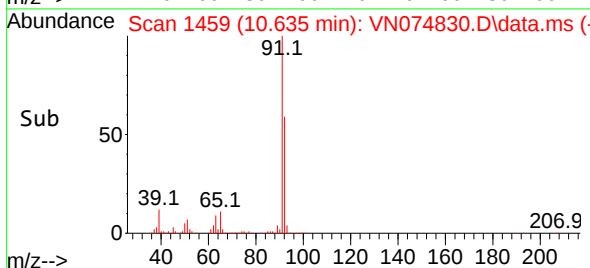
Reviewed By :John Carlone 10/11/2022
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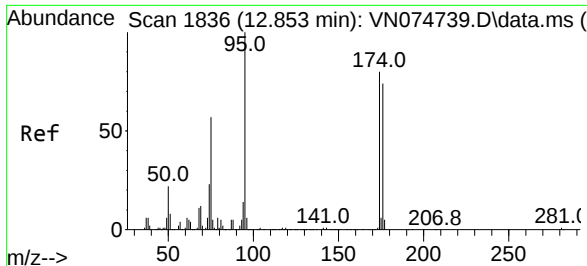


#52
Toluene
Concen: 57.183 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24



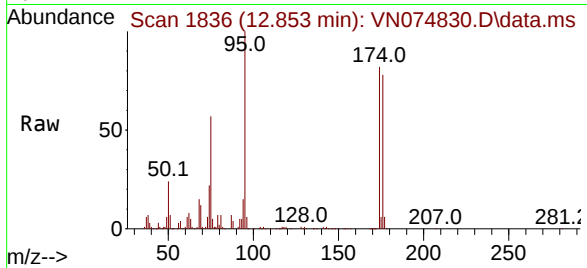
Tgt Ion: 92 Resp: 1247965
Ion Ratio Lower Upper
92 100
91 172.3 140.2 210.4





#62
4-Bromofluorobenzene
Concen: 47.288 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

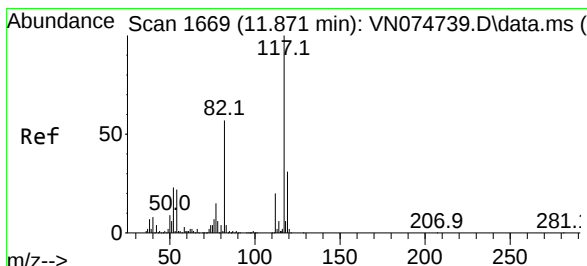
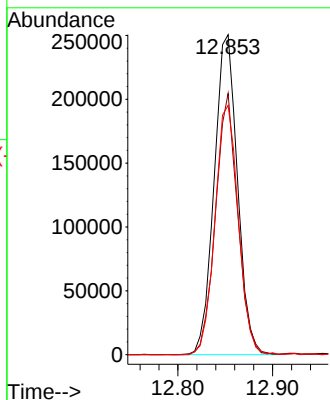
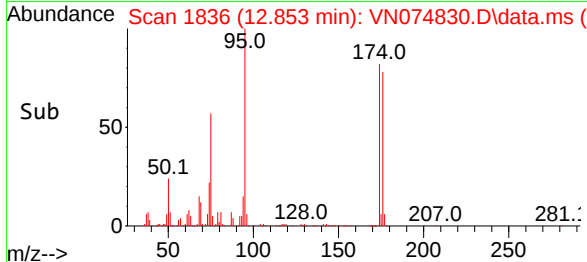
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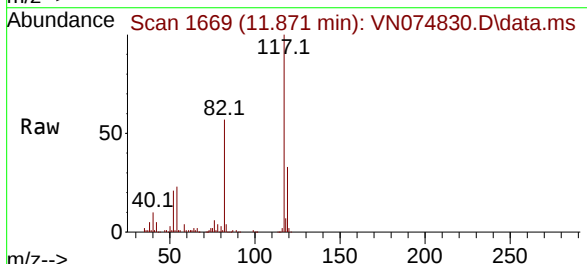
Tgt Ion: 95 Resp: 42763
Ion Ratio Lower Upper
95 100
174 77.8 0.0 149.4
176 78.2 0.0 142.0

Manual Integrations
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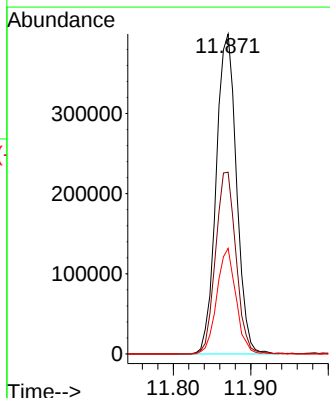
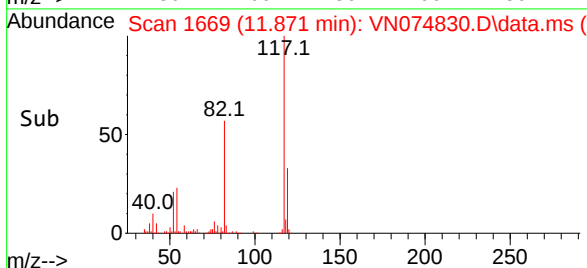
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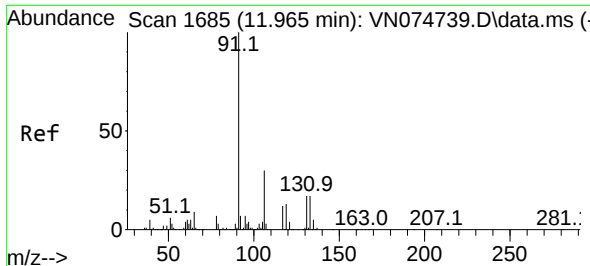


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24



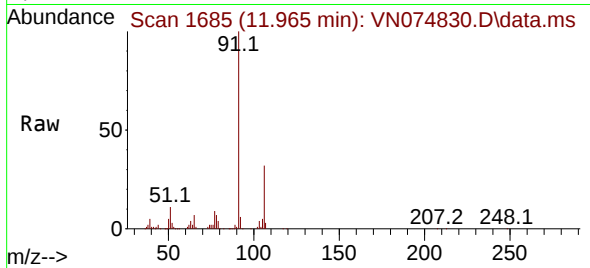
Tgt Ion:117 Resp: 727873
Ion Ratio Lower Upper
117 100
82 56.8 45.4 68.2
119 33.0 25.1 37.7





#67
Ethyl Benzene
Concen: 5.850 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

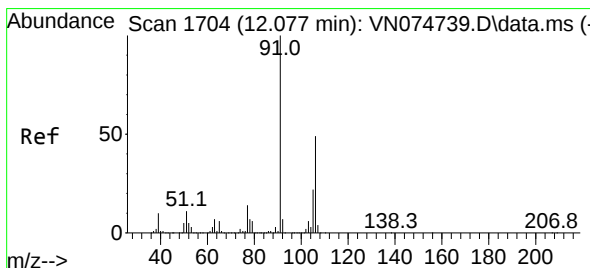
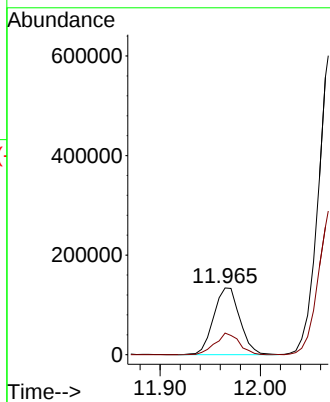
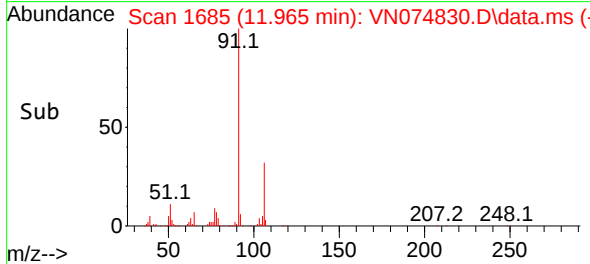
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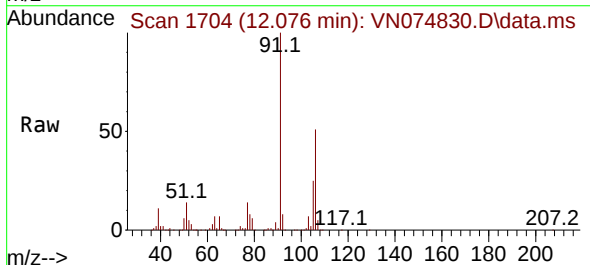
Tgt Ion: 91 Resp: 24312
Ion Ratio Lower Upper
91 100
106 32.5 24.1 36.1

Manual Integrations
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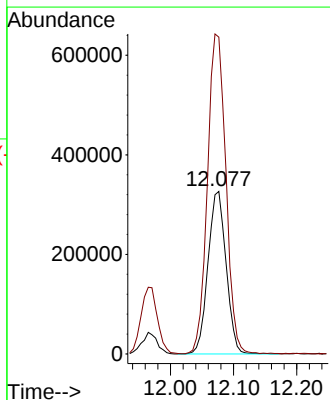
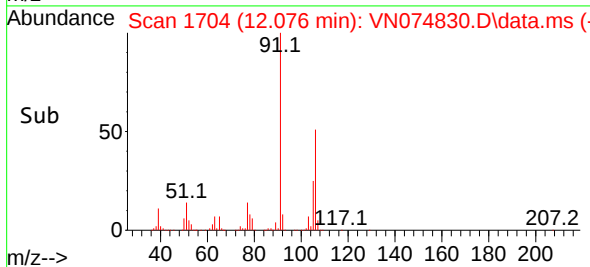
Reviewed By :John Carlone 10/11/2022
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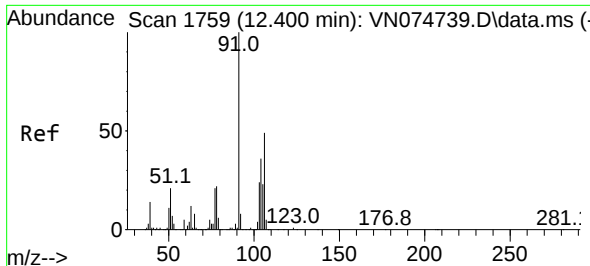


#68
m/p-Xylenes
Concen: 41.660 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24



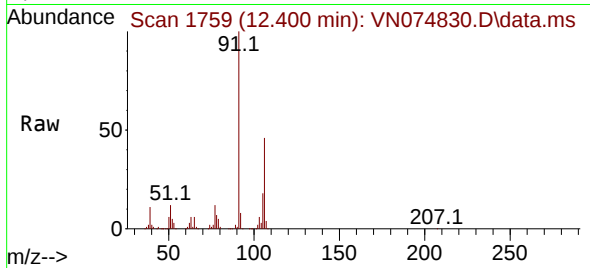
Tgt Ion:106 Resp: 649996
Ion Ratio Lower Upper
106 100
91 200.7 164.2 246.4





#69
o-Xylene
Concen: 24.564 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

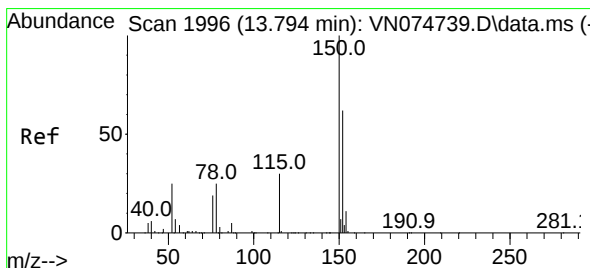
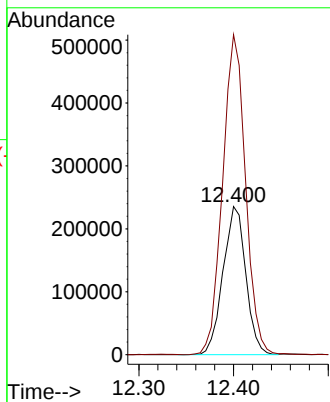
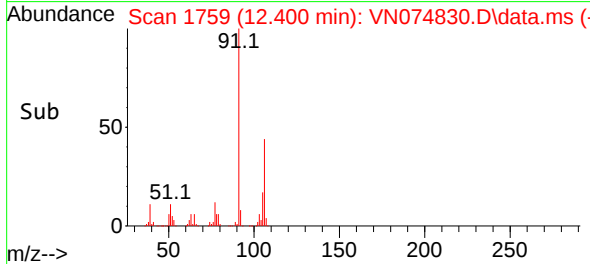
Instrument :
MSVOA_N
ClientSampleId :
CLI-0620DL



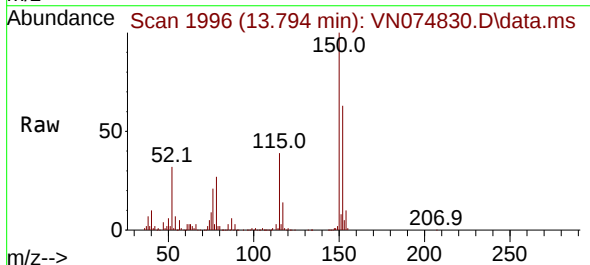
Tgt Ion:106 Resp: 393202
Ion Ratio Lower Upper
106 100
91 217.6 105.4 316.1

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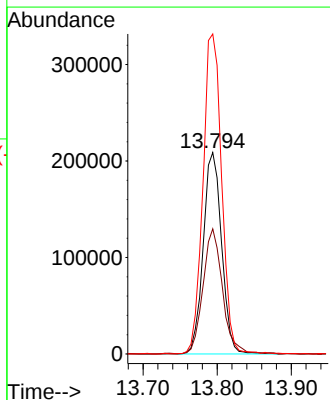
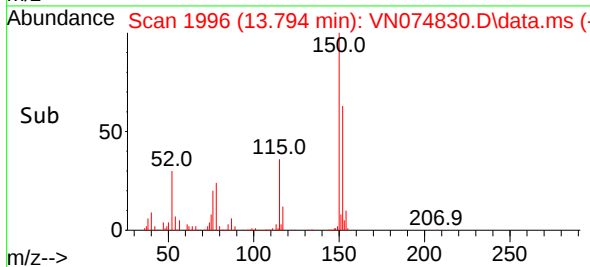
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

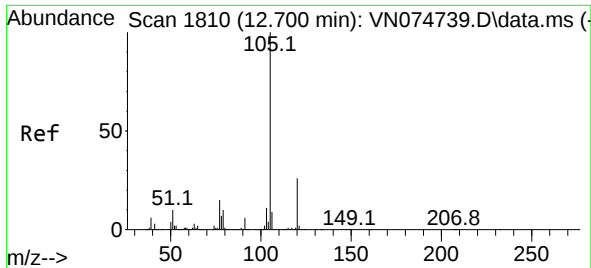


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24



Tgt Ion:152 Resp: 360265
Ion Ratio Lower Upper
152 100
115 65.4 30.0 90.0
150 161.9 0.0 356.4





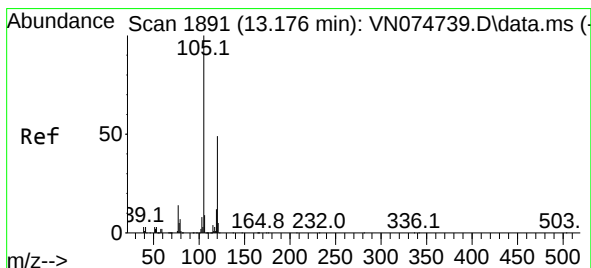
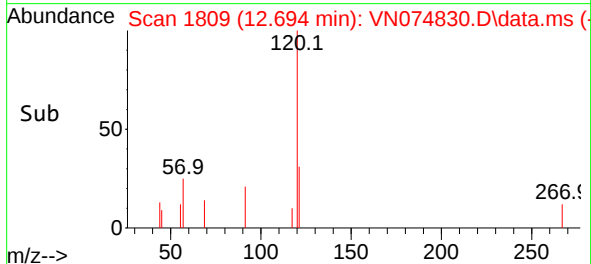
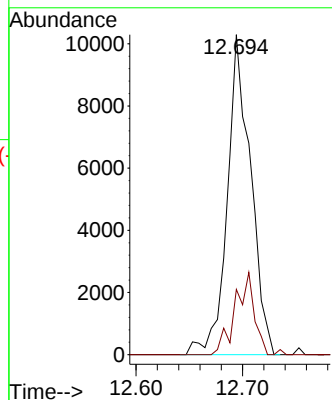
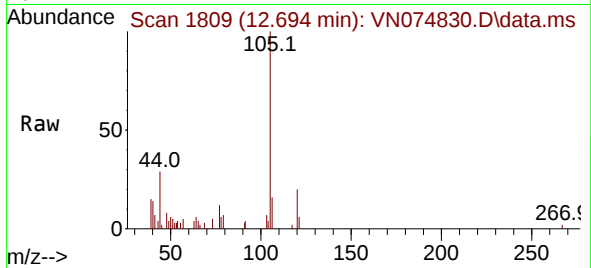
#73
Isopropylbenzene
Concen: 0.452 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

Instrument :
MSVOA_N
ClientSampleId :
CLI-0620DL

Tgt Ion:105 Resp: 15680
Ion Ratio Lower Upper
105 100
120 21.1 13.1 39.3

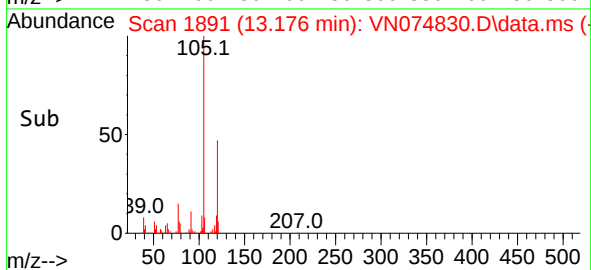
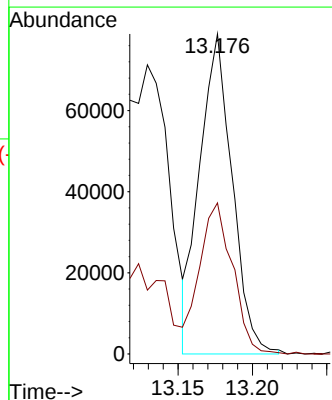
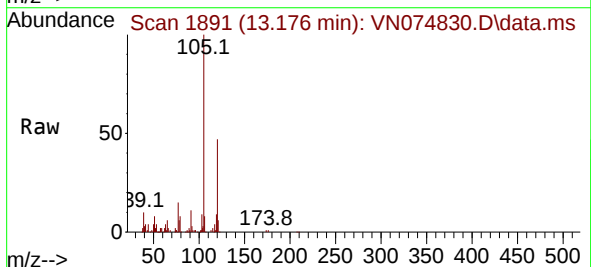
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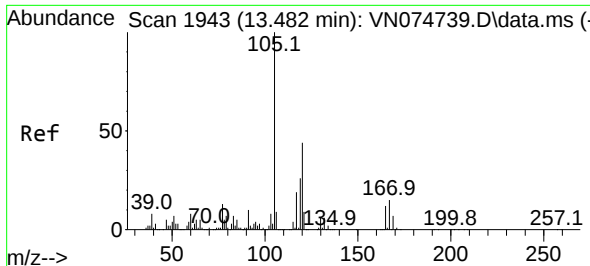
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#80
1,3,5-Trimethylbenzene
Concen: 4.329 ug/l m
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

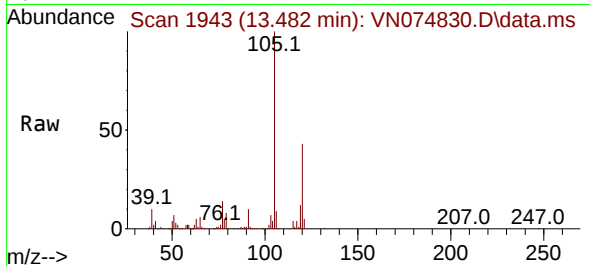
Tgt Ion:105 Resp: 119691
Ion Ratio Lower Upper
105 100
120 0.0 24.6 73.6#





#84
1,2,4-Trimethylbenzene
Concen: 17.050 ug/l m
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

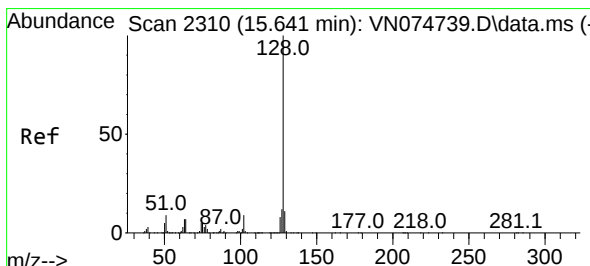
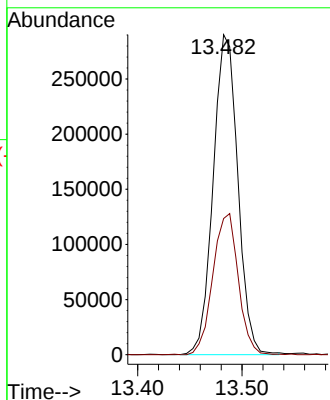
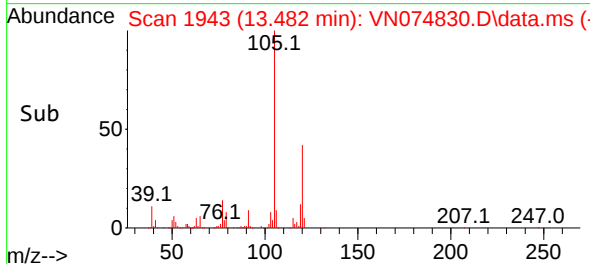
Instrument :
MSVOA_N
ClientSampleId :
CLI-0620DL



Tgt Ion:105 Resp: 476668
Ion Ratio Lower Upper
105 100
120 0.0 21.7 65.1

Manual Integrations
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Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#95
Naphthalene
Concen: 13.876 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

Tgt Ion:128 Resp: 347459
Ion Ratio Lower Upper
128 100
127 11.6 10.2 15.2
129 11.5 9.0 13.4

