

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100622\
 Data File : VN074795.D
 Acq On : 06 Oct 2022 19:53
 Operator : JC\MD
 Sample : N4968-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CLI-0620

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/07/2022
 Supervised By : Mahesh Dadoda 10/07/2022

Quant Time: Oct 07 06:58:41 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	8.235	168	251706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	447403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	477137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	330002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	313318	52.535	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.080%			
35) Dibromofluoromethane	8.183	113	236330	52.281	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.560%			
50) Toluene-d8	10.571	98	1023265	52.755	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.520%			
62) 4-Bromofluorobenzene	12.853	95	328675	55.744	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.480%			
Target Compounds					Qvalue	
16) Acetone	4.453	43	899131	266.032	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	153930	8.099	ug/l	98
22) Diisopropyl ether	6.694	45	84411	3.959	ug/l	90
25) 2-Butanone	7.512	43	75009	12.229	ug/l #	76
40) Benzene	8.618	78	1744923	73.668	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	30446	2.607	ug/l	97
52) Toluene	10.635	92	9490693	666.987	ug/l	96
67) Ethyl Benzene	11.965	91	1644589	60.362	ug/l	98
68) m/p-Xylenes	12.076	106	5639070	551.352	ug/l	99
69) o-Xylene	12.400	106	3231138	307.929	ug/l	98
73) Isopropylbenzene	12.700	105	98696	3.108	ug/l	100
78) n-propylbenzene	13.041	91	87743	2.398	ug/l #	54
80) 1,3,5-Trimethylbenzene	13.176	105	1180744	46.621	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	4446791	173.644	ug/l	98
85) sec-Butylbenzene	13.617	105	25194m	0.792	ug/l	
86) p-Isopropyltoluene	13.735	119	23404m	0.954	ug/l	
95) Naphthalene	15.641	128	3276198	142.840	ug/l	99

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

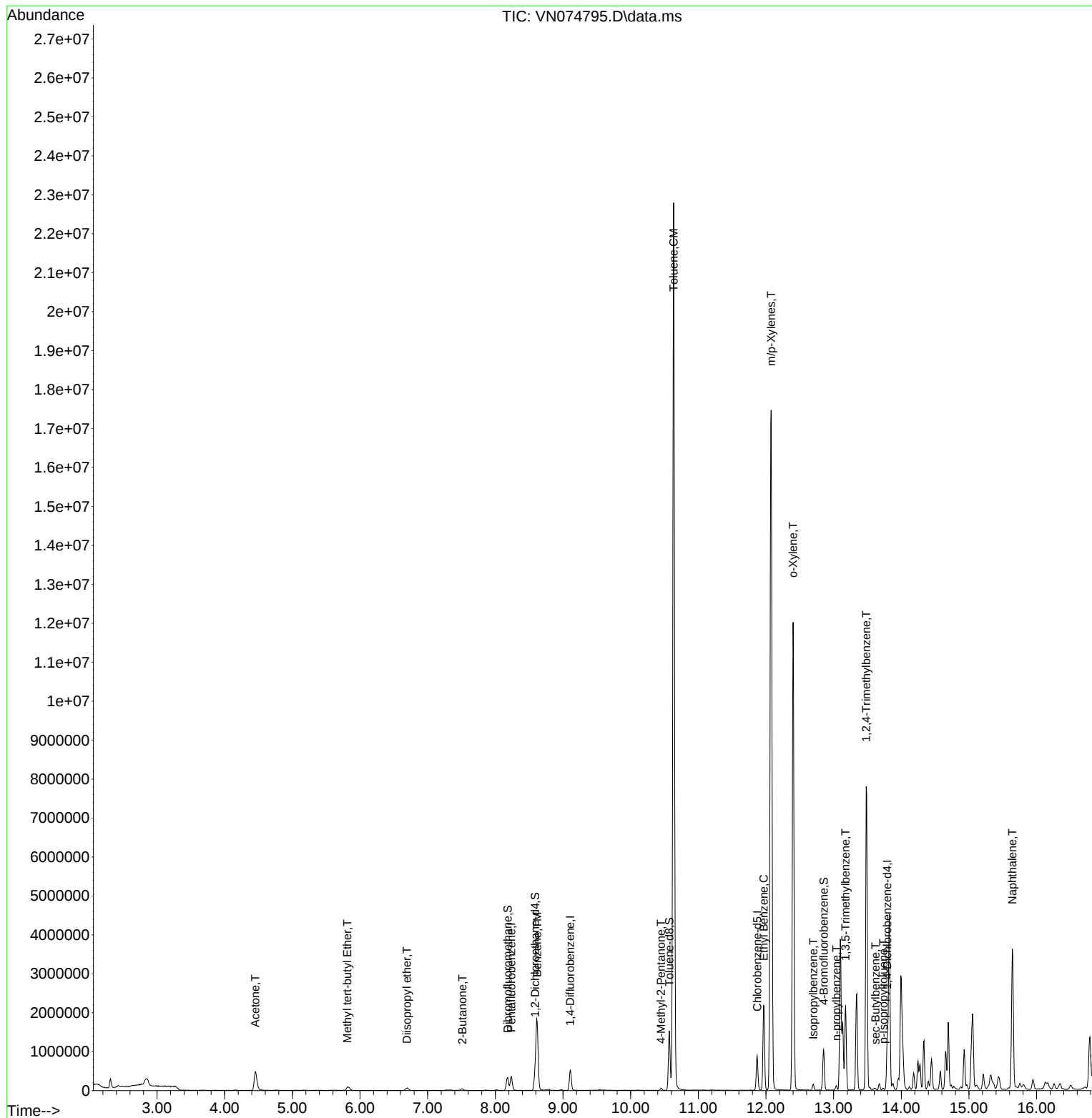
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100622\
Data File : VN074795.D
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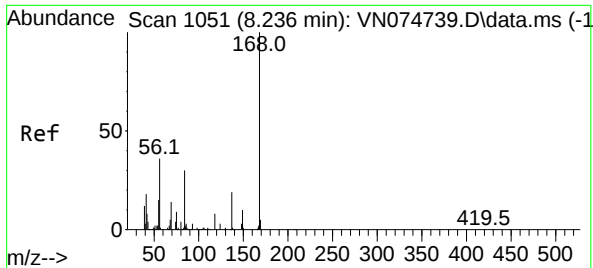
Instrument :
MSVOA_N
ClientSampleId :
CLI-0620

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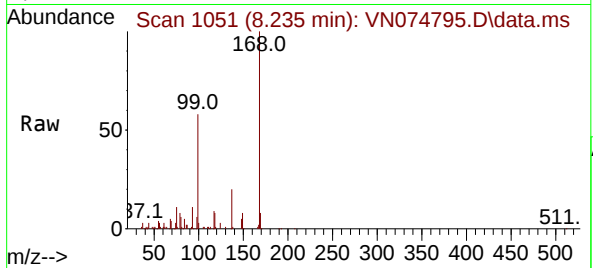
Quant Time: Oct 07 06:58:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 05:37:50 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.001 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

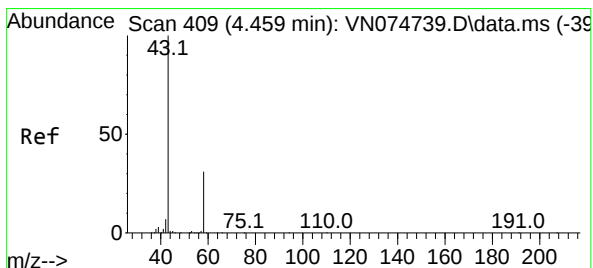
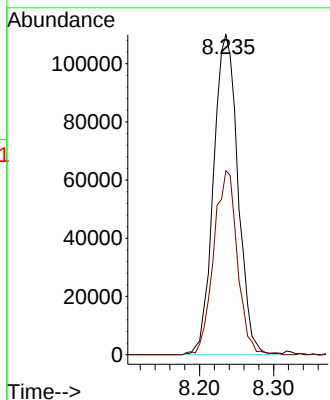
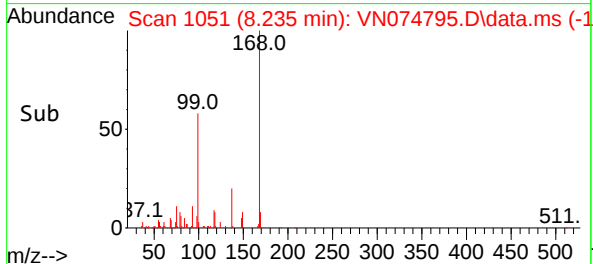
Instrument :
MSVOA_N
ClientSampleId :
CLI-0620



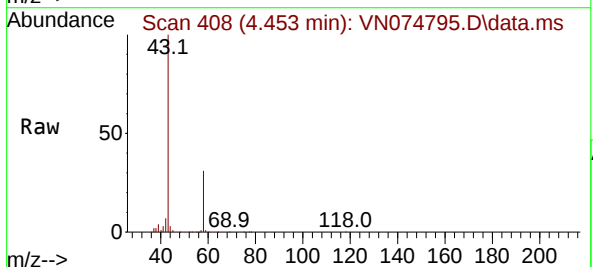
Tgt Ion:168 Resp: 251700
Ion Ratio Lower Upper
168 100
99 57.5 42.8 64.2

Manual Integrations
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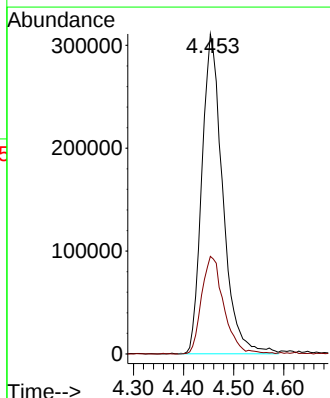
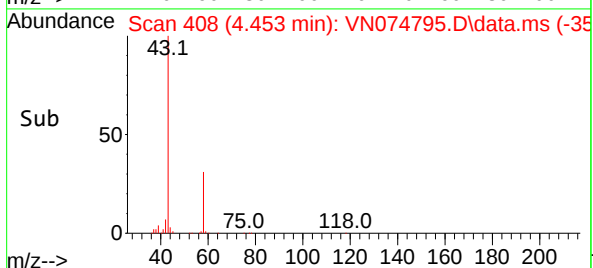
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

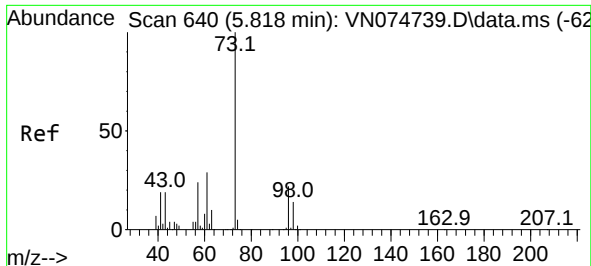


#16
Acetone
Concen: 266.032 ug/l
RT: 4.453 min Scan# 408
Delta R.T. -0.006 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53



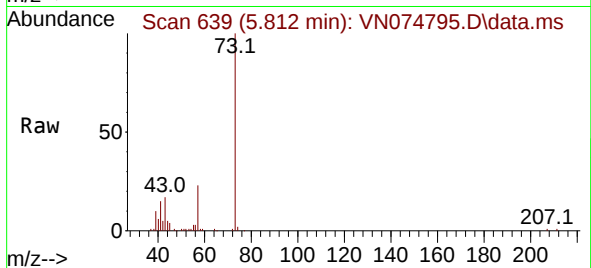
Tgt Ion: 43 Resp: 899131
Ion Ratio Lower Upper
43 100
58 30.5 24.9 37.3





#19
Methyl tert-butyl Ether
Concen: 8.099 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

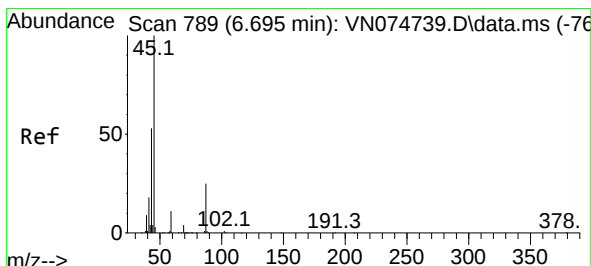
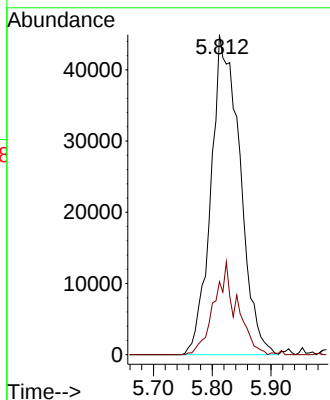
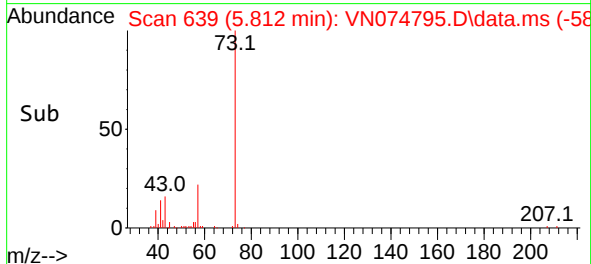
Instrument :
MSVOA_N
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CLI-0620



Tgt Ion: 73 Resp: 153930
Ion Ratio Lower Upper
73 100
57 22.8 19.0 28.4

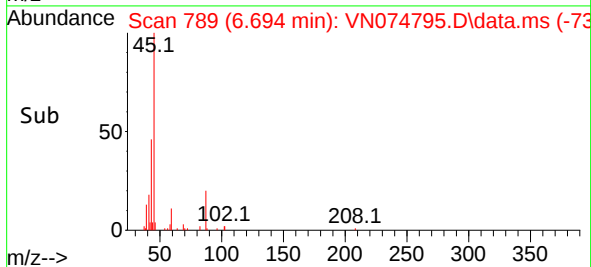
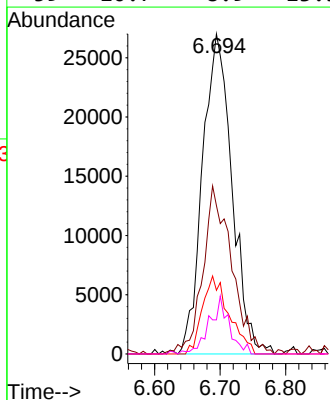
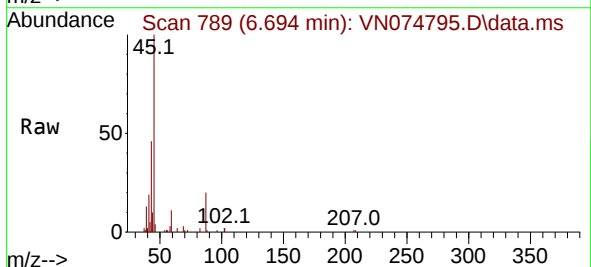
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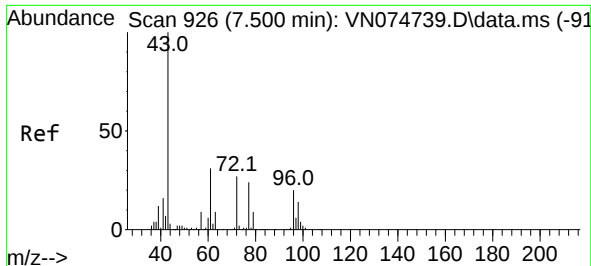
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#22
Diisopropyl ether
Concen: 3.959 ug/l
RT: 6.694 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

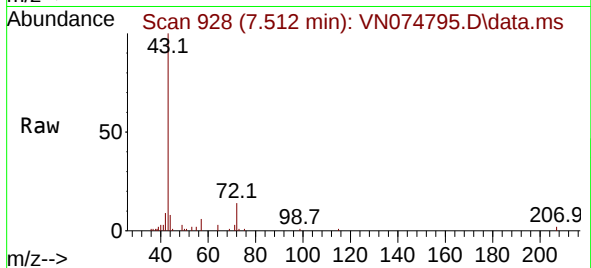
Tgt Ion: 45 Resp: 84411
Ion Ratio Lower Upper
45 100
43 45.0 42.7 64.1
87 19.9 19.6 29.4
59 10.7 8.9 13.3





#25
2-Butanone
Concen: 12.229 ug/l
RT: 7.512 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

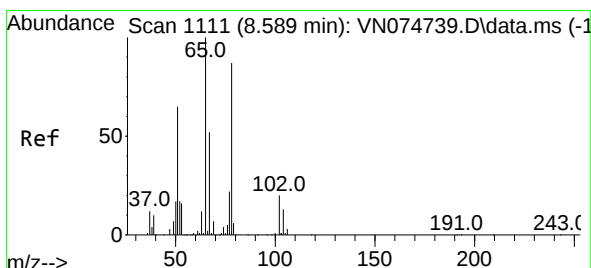
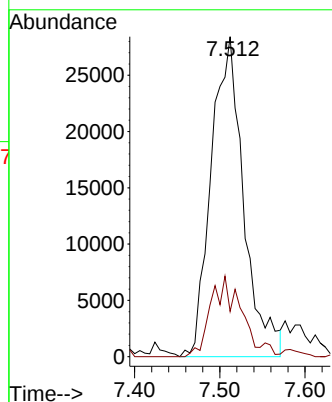
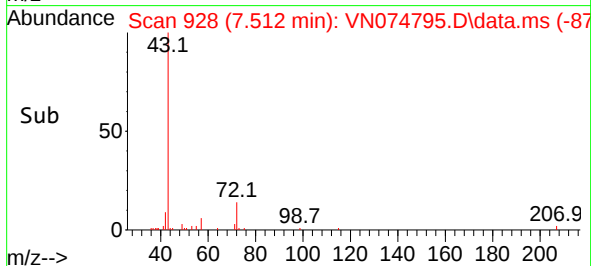
Instrument :
MSVOA_N
ClientSampleId :
CLI-0620



Tgt Ion: 43 Resp: 75009
Ion Ratio Lower Upper
43 100
72 14.1 21.4 32.0

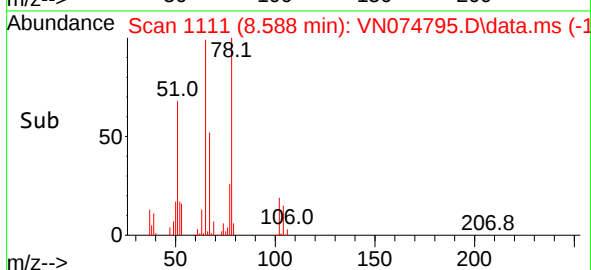
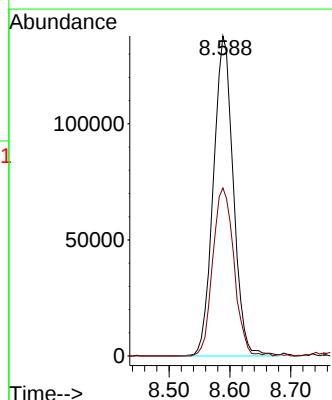
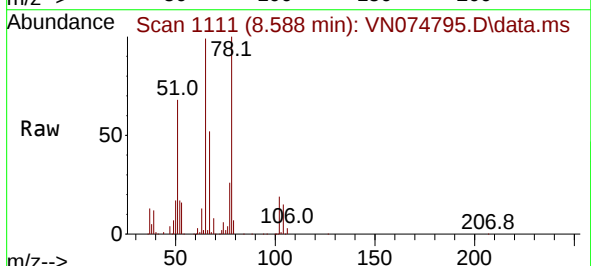
Manual Integrations
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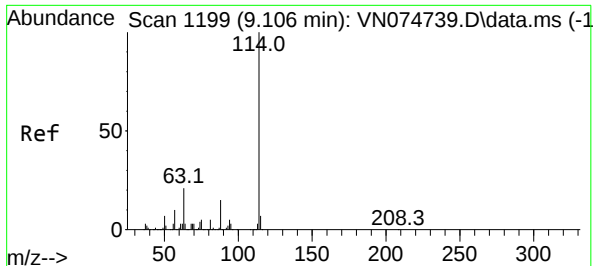
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#33
1,2-Dichloroethane-d4
Concen: 52.535 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

Tgt Ion: 65 Resp: 313318
Ion Ratio Lower Upper
65 100
67 55.8 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074795.D

Acq: 06 Oct 2022 19:53

Instrument :

MSVOA_N

ClientSampleId :

CLI-0620

Tgt Ion:114 Resp: 44740

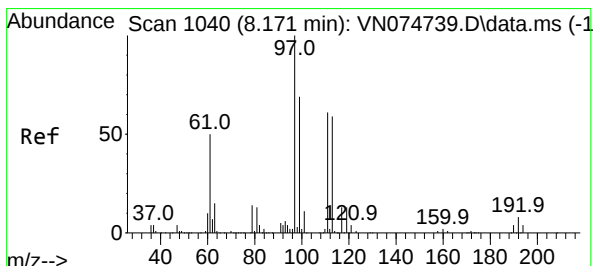
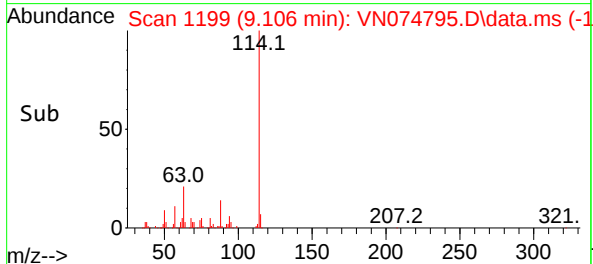
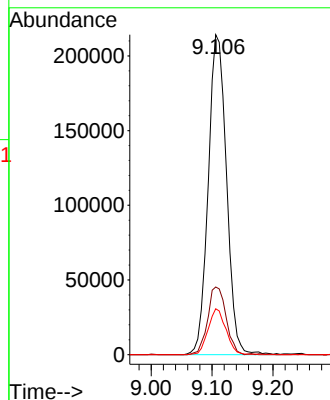
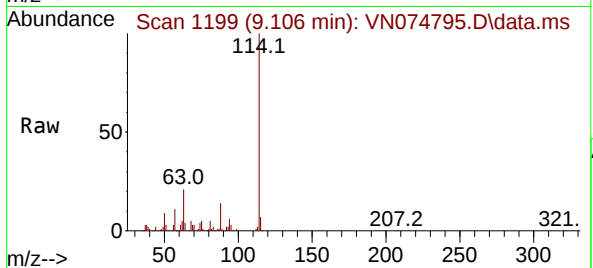
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	41.2
88	14.4	0.0	30.2

Manual Integrations

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Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#35

Dibromofluoromethane

Concen: 52.281 ug/l

RT: 8.183 min Scan# 1042

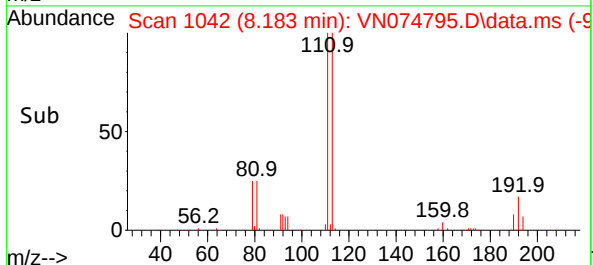
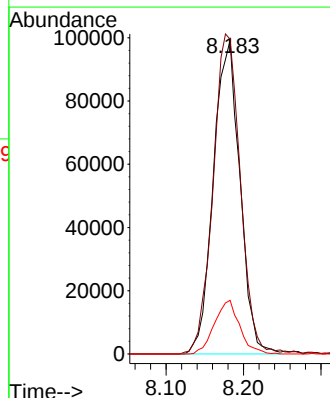
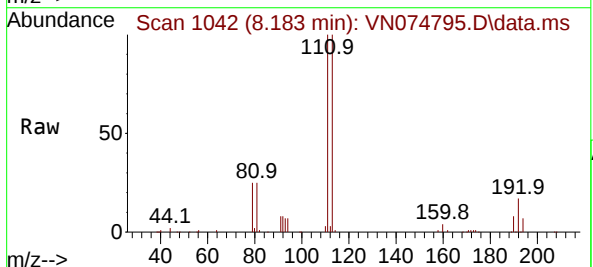
Delta R.T. 0.012 min

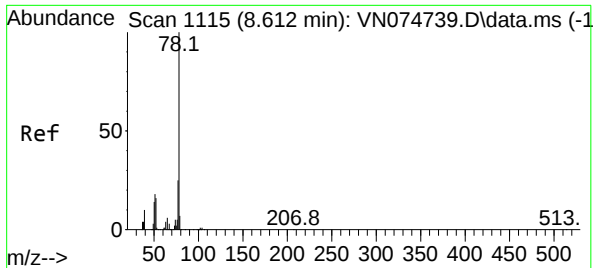
Lab File: VN074795.D

Acq: 06 Oct 2022 19:53

Tgt Ion:113 Resp: 236330

Ion	Ratio	Lower	Upper
113	100		
111	104.5	83.0	124.6
192	16.3	12.6	18.8





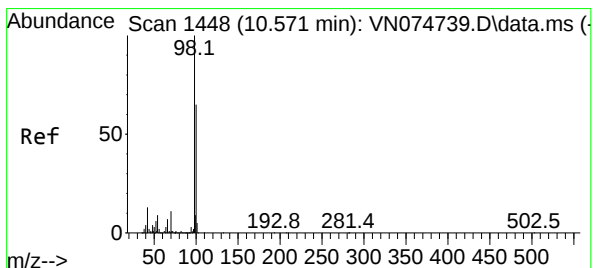
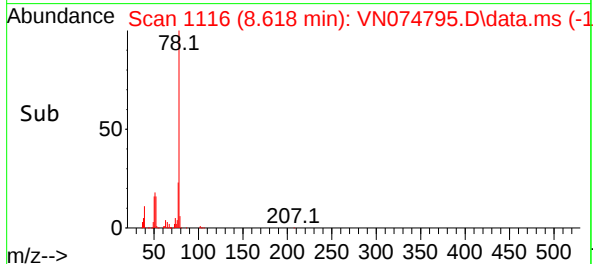
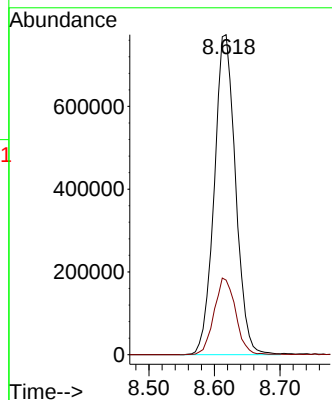
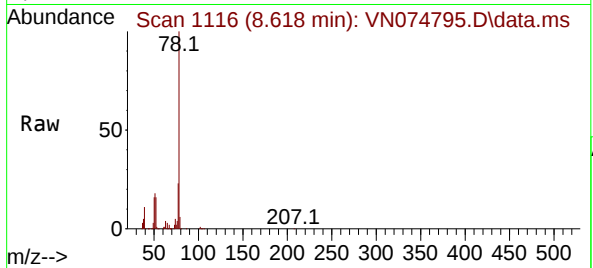
#40
Benzene
Concen: 73.668 ug/l
RT: 8.618 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 78 Resp: 174492
Ion Ratio Lower Upper
78 100
77 23.3 20.1 30.1

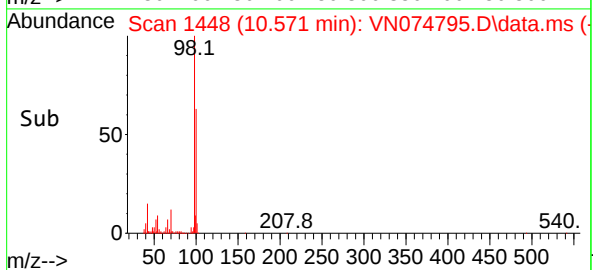
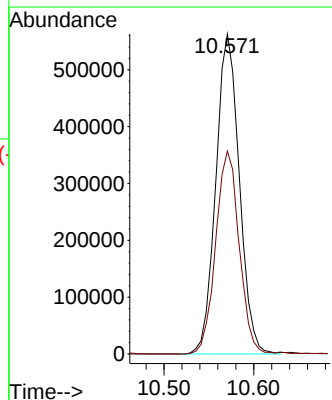
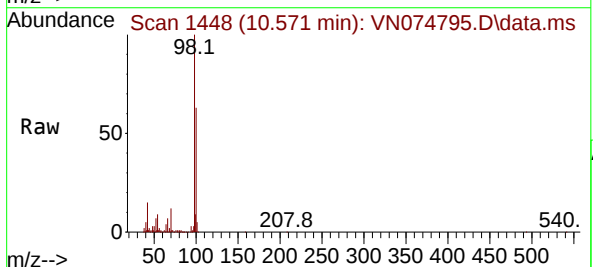
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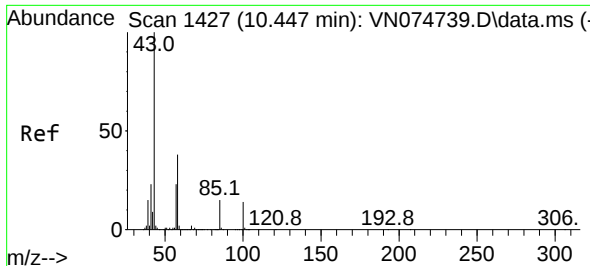
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#50
Toluene-d8
Concen: 52.755 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

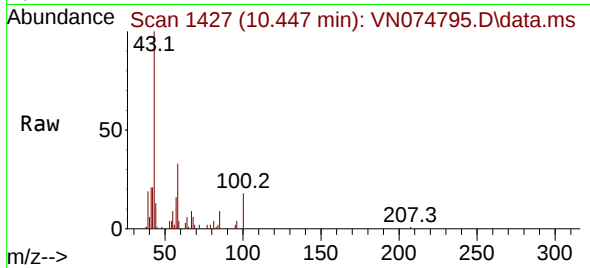
Tgt Ion: 98 Resp: 1023265
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1





#51
4-Methyl-2-Pentanone
Concen: 2.607 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

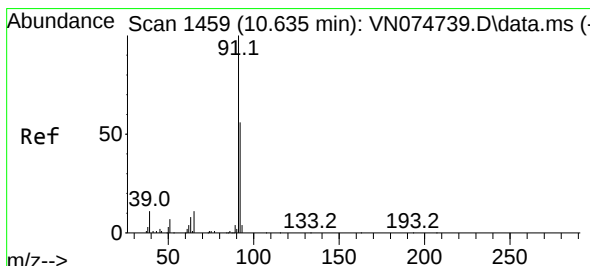
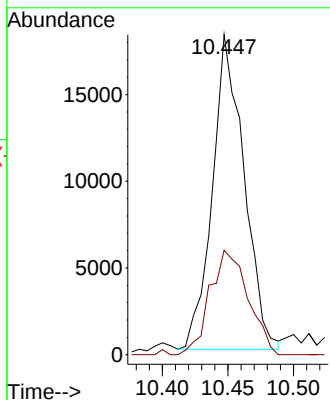
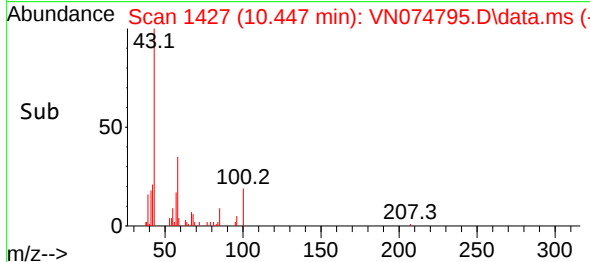
Instrument :
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CLI-0620



Tgt Ion: 43 Resp: 30440
Ion Ratio Lower Upper
43 100
58 40.0 30.6 45.8

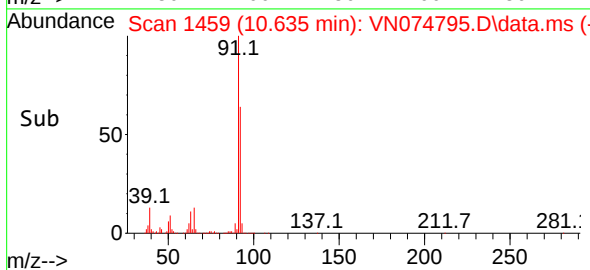
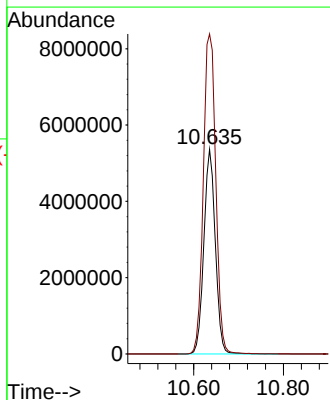
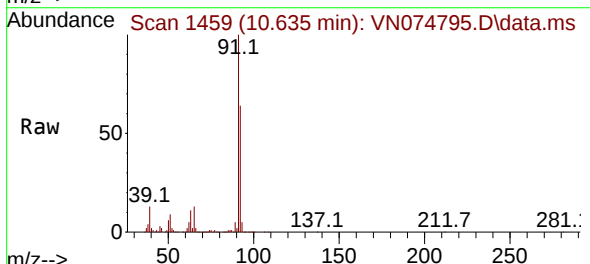
Manual Integrations
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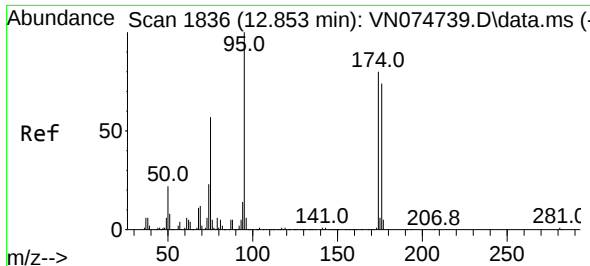
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#52
Toluene
Concen: 666.987 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

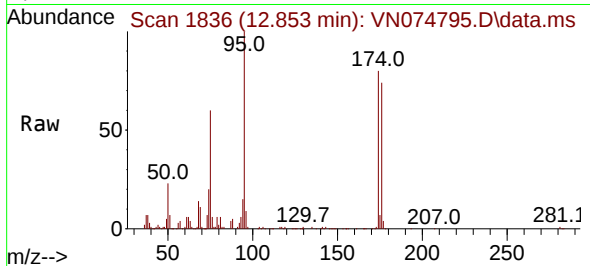
Tgt Ion: 92 Resp: 9490693
Ion Ratio Lower Upper
92 100
91 170.2 140.2 210.4





#62
4-Bromofluorobenzene
Concen: 55.744 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

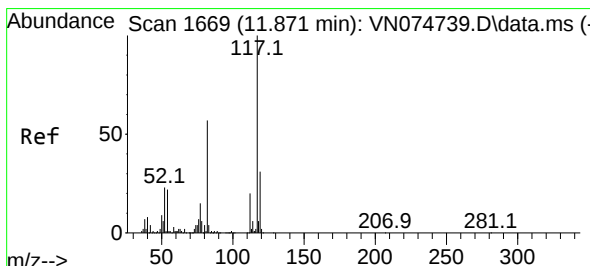
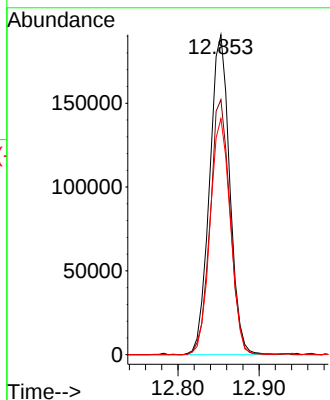
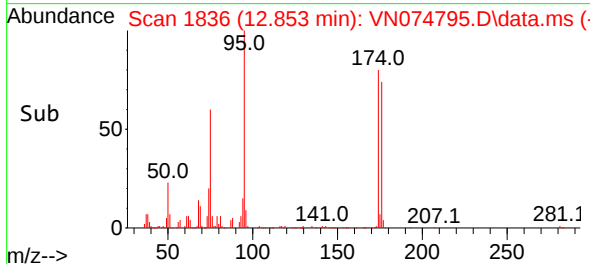
Instrument :
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CLI-0620



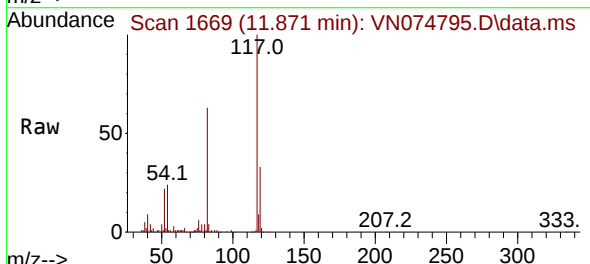
Tgt Ion: 95 Resp: 328679
Ion Ratio Lower Upper
95 100
174 79.1 0.0 149.4
176 74.3 0.0 142.0

Manual Integrations
APPROVED

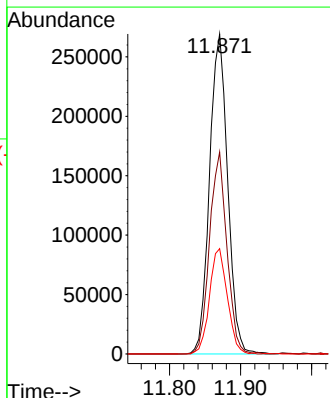
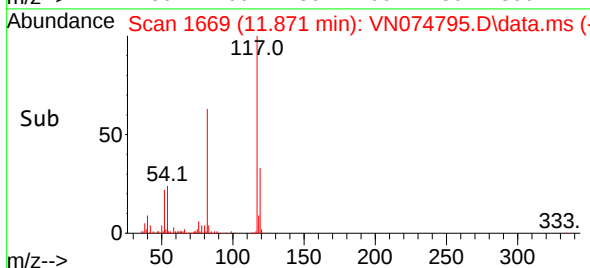
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

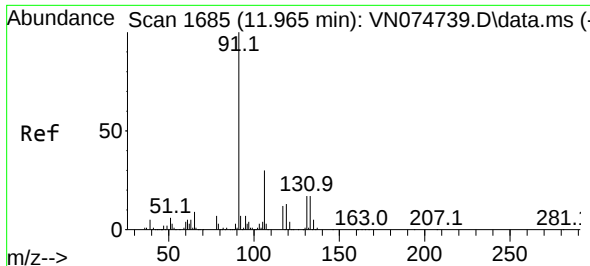


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53



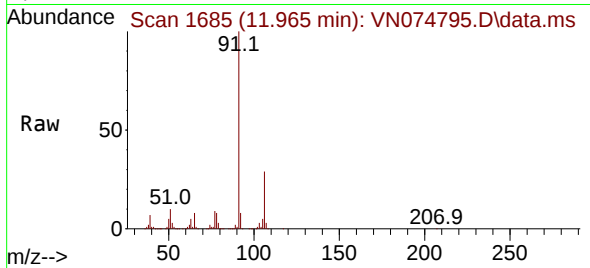
Tgt Ion:117 Resp: 477137
Ion Ratio Lower Upper
117 100
82 63.1 45.4 68.2
119 32.9 25.1 37.7





#67
Ethyl Benzene
Concen: 60.362 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

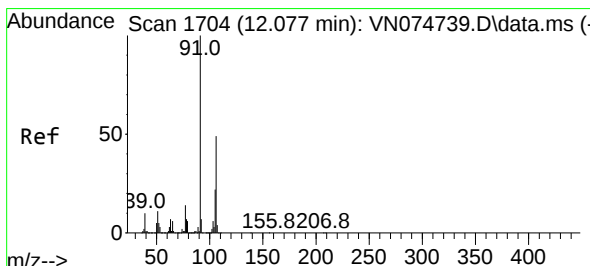
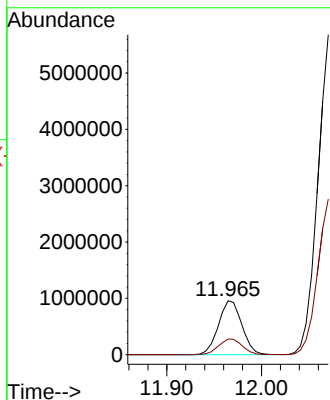
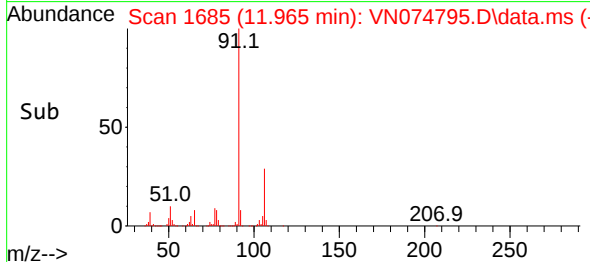
Instrument :
MSVOA_N
ClientSampleId :
CLI-0620



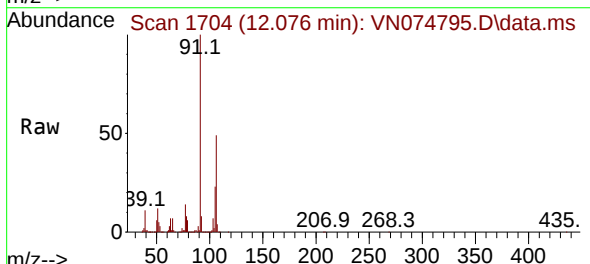
Tgt Ion: 91 Resp: 1644589
Ion Ratio Lower Upper
91 100
106 29.1 24.1 36.1

Manual Integrations
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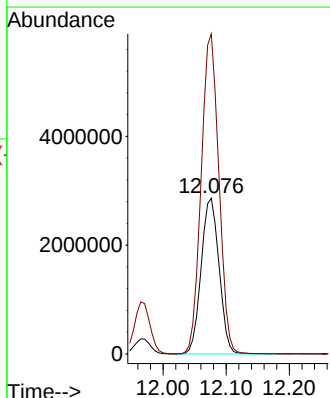
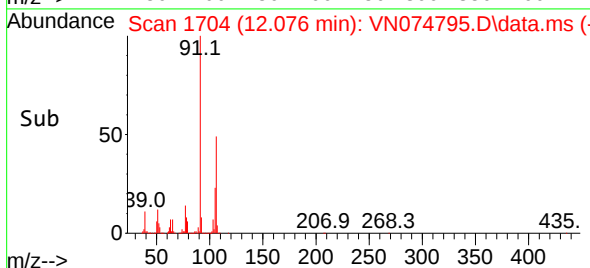
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

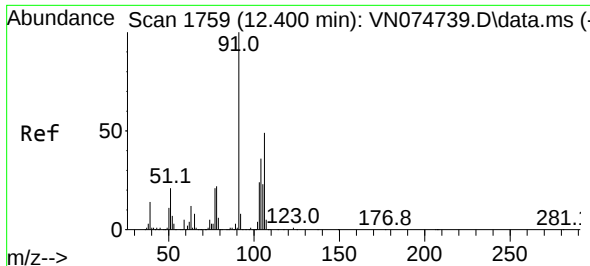


#68
m/p-Xylenes
Concen: 551.352 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53



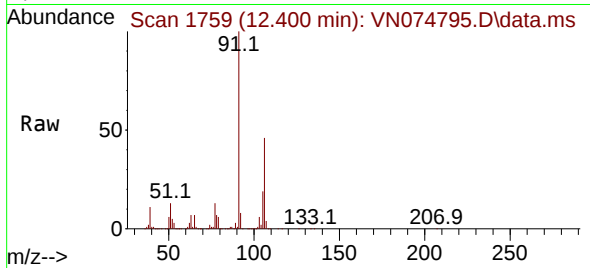
Tgt Ion:106 Resp: 5639070
Ion Ratio Lower Upper
106 100
91 203.1 164.2 246.4





#69
o-Xylene
Concen: 307.929 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

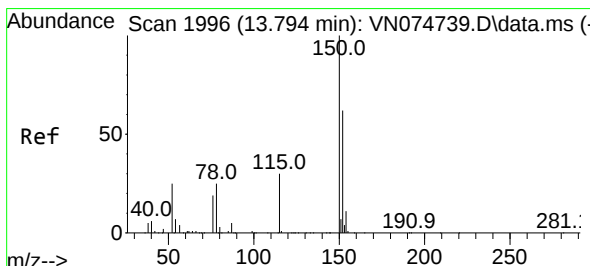
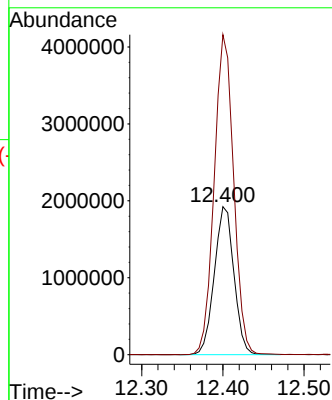
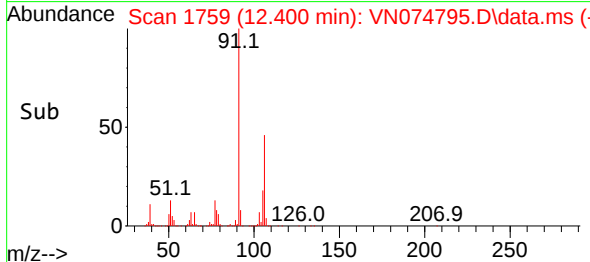
Instrument :
MSVOA_N
ClientSampleId :
CLI-0620



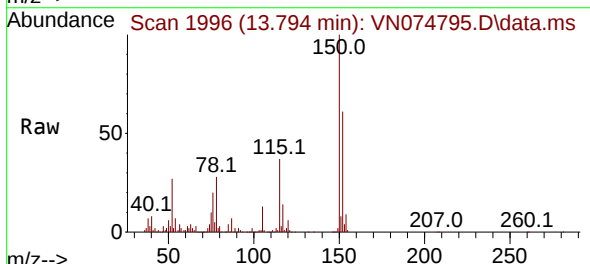
Tgt Ion:106 Resp: 3231138
Ion Ratio Lower Upper
106 100
91 214.4 105.4 316.1

Manual Integrations
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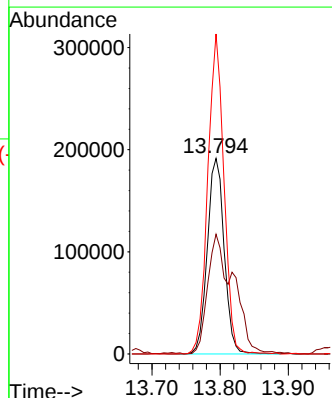
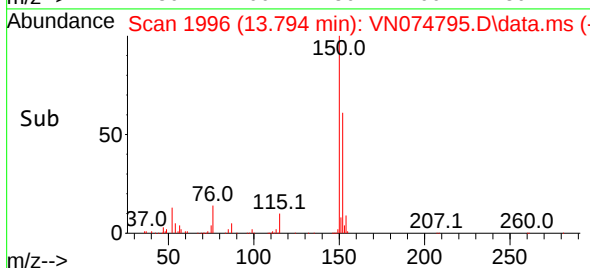
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

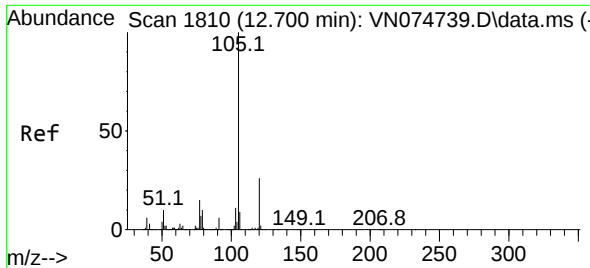


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53



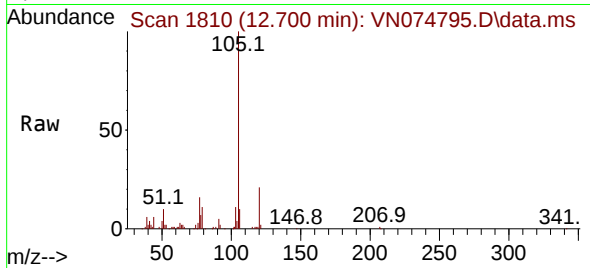
Tgt Ion:152 Resp: 330002
Ion Ratio Lower Upper
152 100
115 63.1 30.0 90.0
150 156.5 0.0 356.4





#73
Isopropylbenzene
Concen: 3.108 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

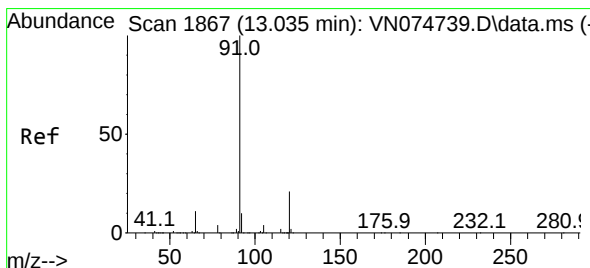
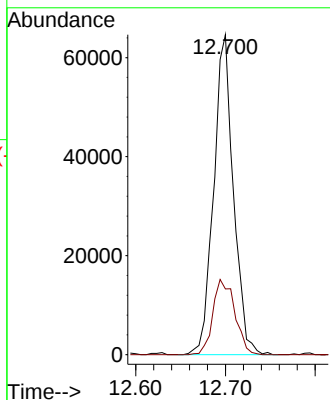
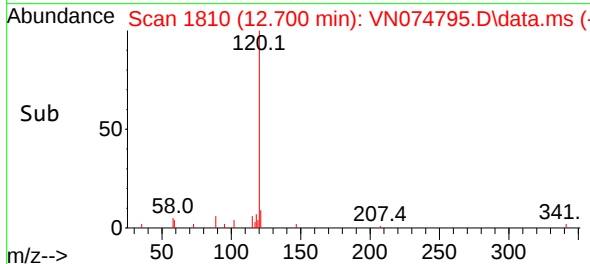
Instrument :
MSVOA_N
ClientSampleId :
CLI-0620



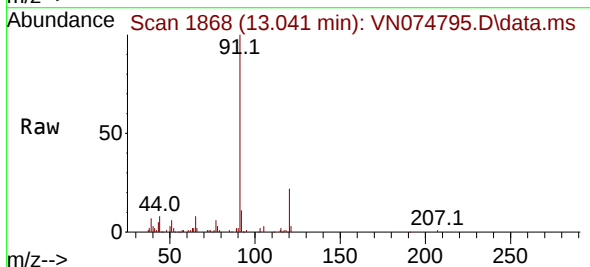
Tgt Ion:105 Resp: 98690
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.3

Manual Integrations
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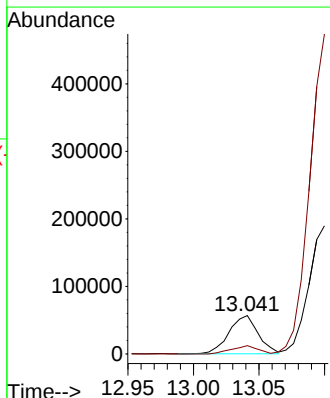
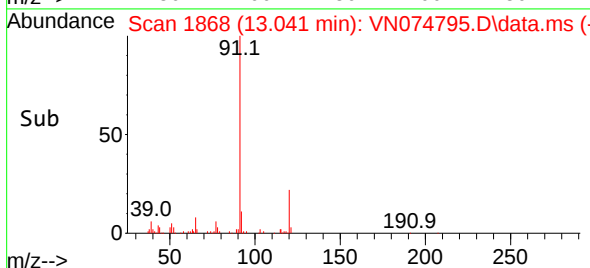
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

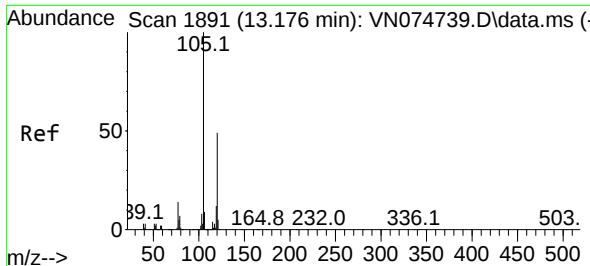


#78
n-propylbenzene
Concen: 2.398 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53



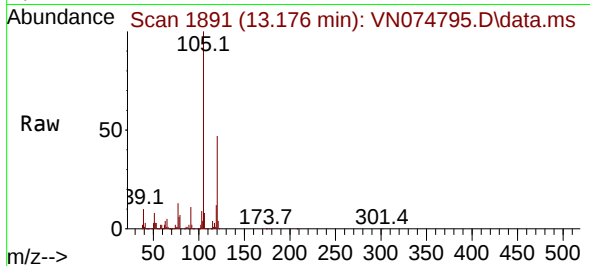
Tgt Ion: 91 Resp: 87743
Ion Ratio Lower Upper
91 100
120 0.0 10.8 32.4#





#80
 1,3,5-Trimethylbenzene
 Concen: 46.621 ug/l
 RT: 13.176 min Scan# 1891
 Delta R.T. -0.000 min
 Lab File: VN074795.D
 Acq: 06 Oct 2022 19:53

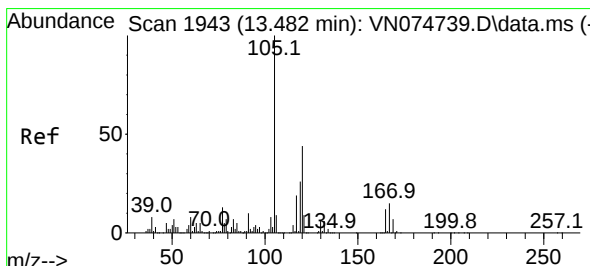
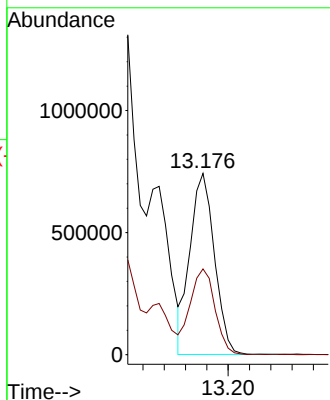
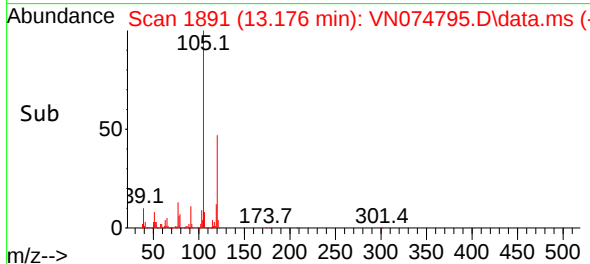
Instrument :
 MSVOA_N
 ClientSampleId :
 CLI-0620



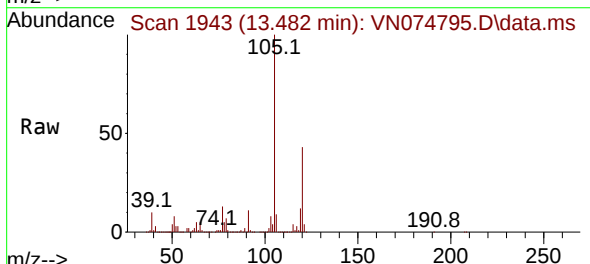
Tgt Ion:105 Resp: 1180744
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.6 73.6

Manual Integrations
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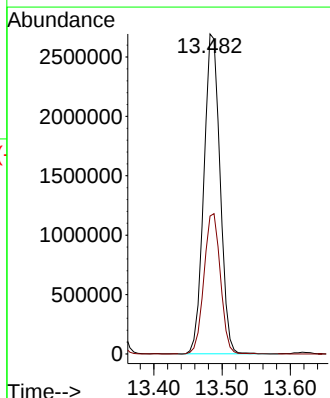
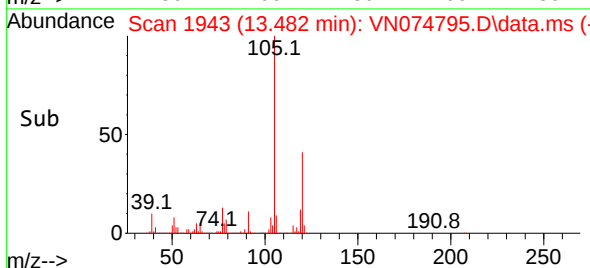
Reviewed By :John Carlone 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022

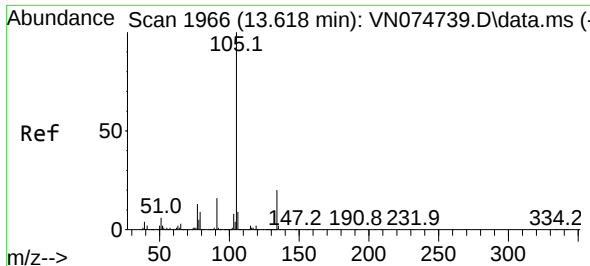


#84
 1,2,4-Trimethylbenzene
 Concen: 173.644 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. -0.000 min
 Lab File: VN074795.D
 Acq: 06 Oct 2022 19:53



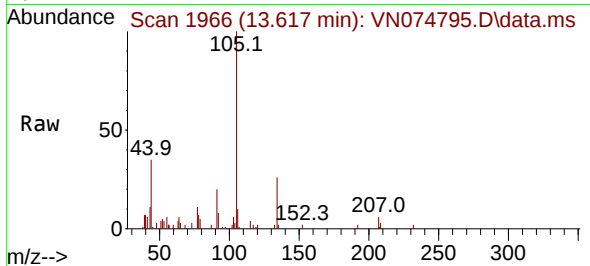
Tgt Ion:105 Resp: 4446791
 Ion Ratio Lower Upper
 105 100
 120 44.7 21.7 65.1





#85
 sec-Butylbenzene
 Concen: 0.792 ug/l m
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN074795.D
 Acq: 06 Oct 2022 19:53

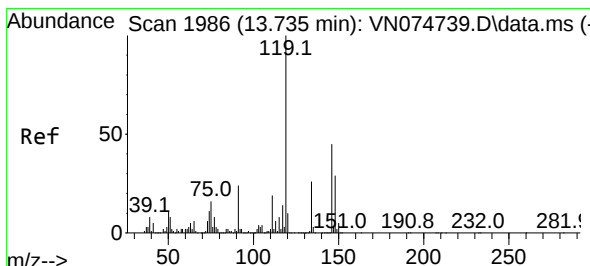
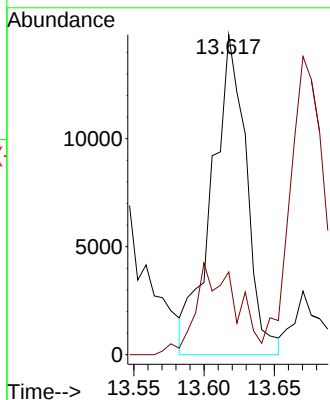
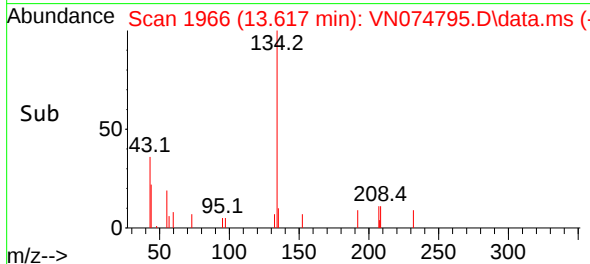
Instrument :
 MSVOA_N
 ClientSampleId :
 CLI-0620



Tgt Ion:105 Resp: 25194
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.4 28.2

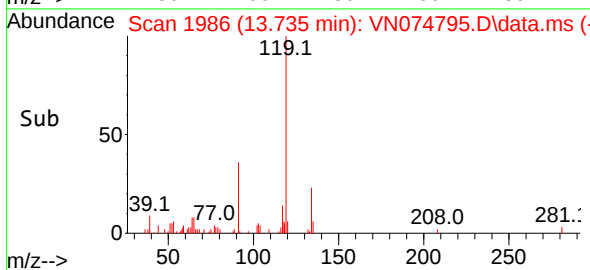
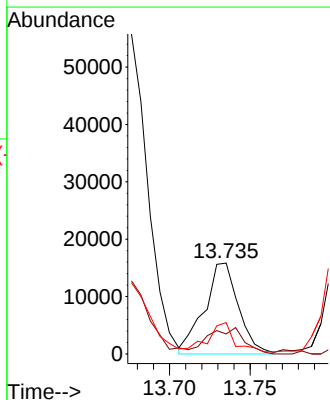
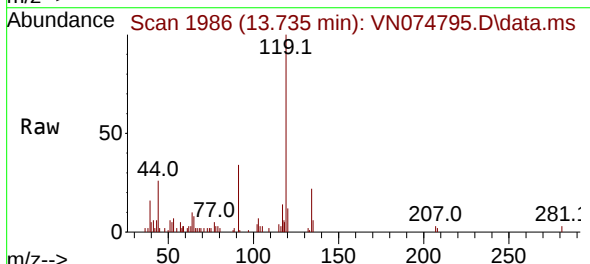
Manual Integrations
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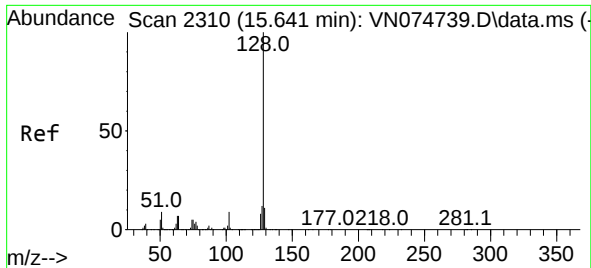
Reviewed By :John Carlone 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022



#86
 p-Isopropyltoluene
 Concen: 0.954 ug/l m
 RT: 13.735 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN074795.D
 Acq: 06 Oct 2022 19:53

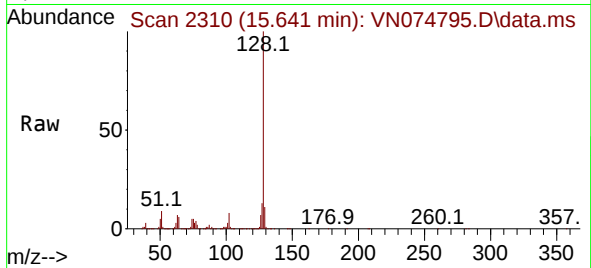
Tgt Ion:119 Resp: 23404
 Ion Ratio Lower Upper
 119 100
 134 102.0 13.1 39.1#
 91 83.8 12.0 36.0#





#95
Naphthalene
Concen: 142.840 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

Instrument :
MSVOA_N
ClientSampleId :
CLI-0620



Tgt Ion:128 Resp: 3276198
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.8 9.0 13.4

Manual Integrations
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Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

