

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120822\
 Data File : VN075649.D
 Acq On : 08 Dec 2022 15:44
 Operator : JC\MD
 Sample : N5924-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 INF1222

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/09/2022
 Supervised By : Mahesh Dadoda 12/09/2022

Quant Time: Dec 09 02:08:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	178248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	289184	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	263434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	46314	48.405	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.800%		
35) Dibromofluoromethane	8.177	113	61120	53.802	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.600%		
50) Toluene-d8	10.571	98	130428	50.976	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.960%		
62) 4-Bromofluorobenzene	12.853	95	107911	57.140	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	114.280%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.536	59	5440	13.544	ug/l #	72
16) Acetone	4.436	43	40302	45.158	ug/l #	72
31) Cyclohexane	8.265	56	230423	75.799	ug/l #	93
39) Methylcyclohexane	9.606	83	148017	47.739	ug/l	97
40) Benzene	8.612	78	3969958	523.397	ug/l	100
52) Toluene	10.635	92	967096	197.858	ug/l	99
67) Ethyl Benzene	11.971	91	4858521	523.460	ug/l	98
68) m/p-Xylenes	12.077	106	6437677	1707.999	ug/l	100
69) o-Xylene	12.400	106	585035	156.222	ug/l	98
73) Isopropylbenzene	12.700	105	522365	50.384	ug/l	98
78) n-propylbenzene	13.041	91	1142905	98.779	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	1000097	116.108	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	3984385	461.160	ug/l	99
85) sec-Butylbenzene	13.618	105	42379m	3.977	ug/l	
86) p-Isopropyltoluene	13.729	119	15010	1.674	ug/l #	75
89) n-Butylbenzene	14.059	91	47883	6.324	ug/l #	83
95) Naphthalene	15.647	128	1032486	135.478	ug/l	100

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

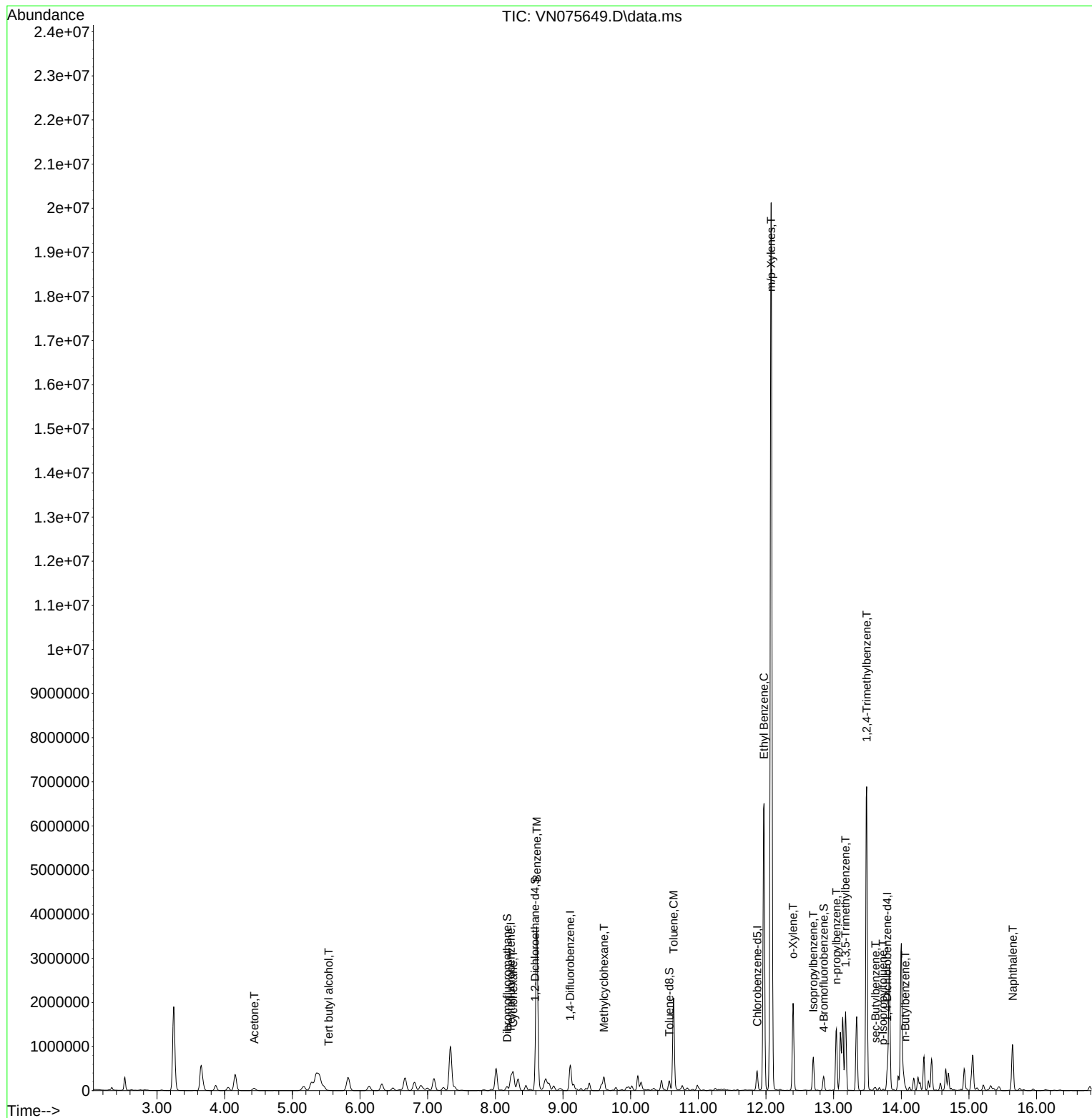
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120822\
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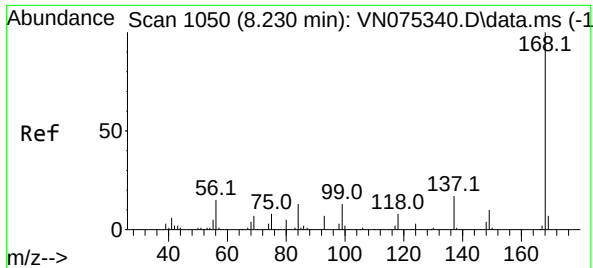
Instrument :
MSVOA_N
ClientSampleId :
INF1222

Quant Time: Dec 09 02:08:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
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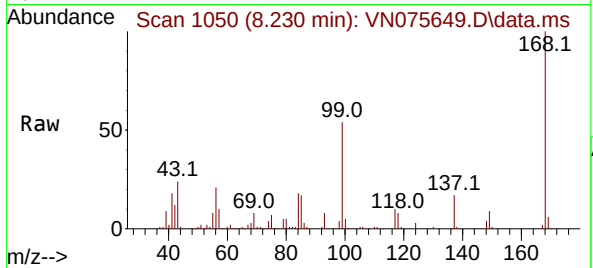
Reviewed By : John Carlone 12/09/2022
Supervised By : Mahesh Dadoda 12/09/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

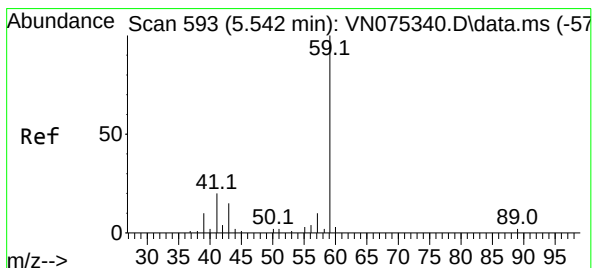
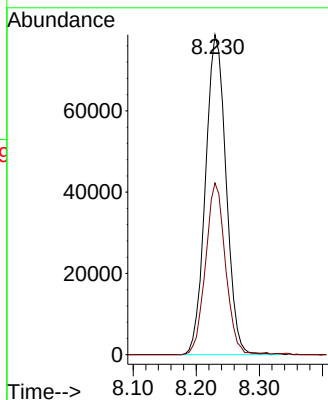
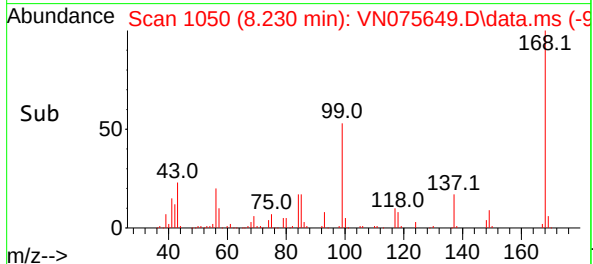
Instrument :
MSVOA_N
ClientSampleId :
INF1222



Tgt Ion:168 Resp: 178248
Ion Ratio Lower Upper
168 100
99 53.7 51.6 77.4

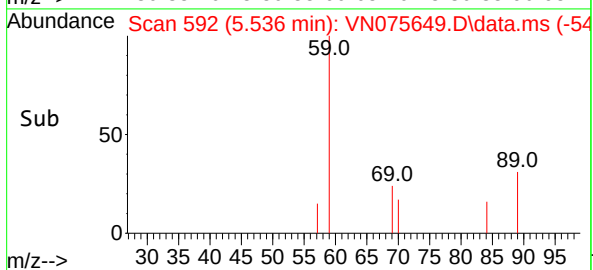
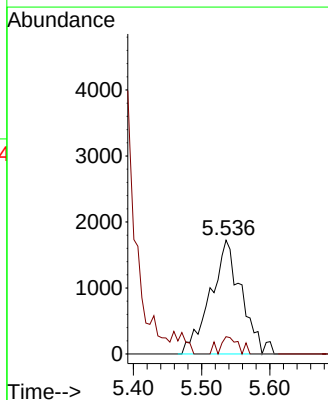
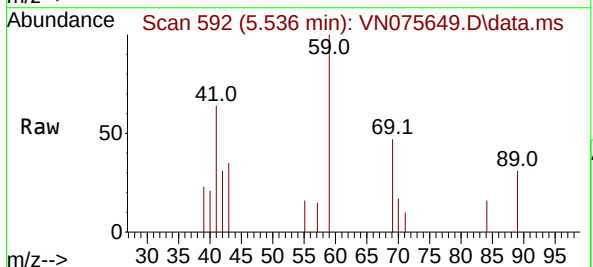
Manual Integrations
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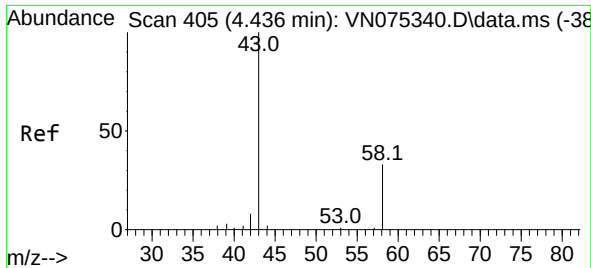
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#11
Tert butyl alcohol
Concen: 13.544 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.006 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

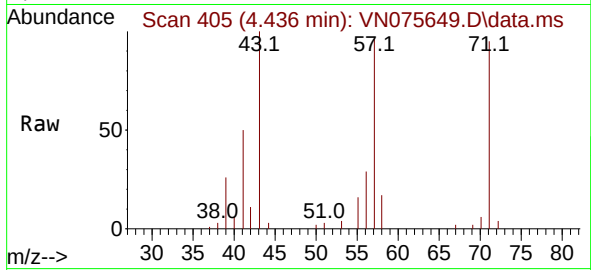
Tgt Ion: 59 Resp: 5440
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#





#16
Acetone
Concen: 45.158 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

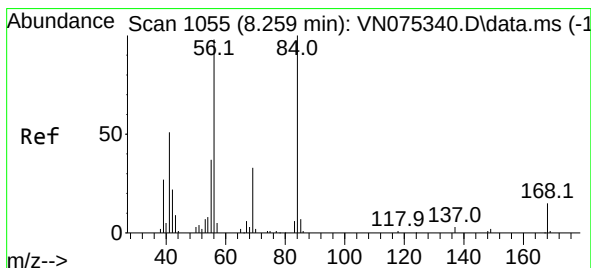
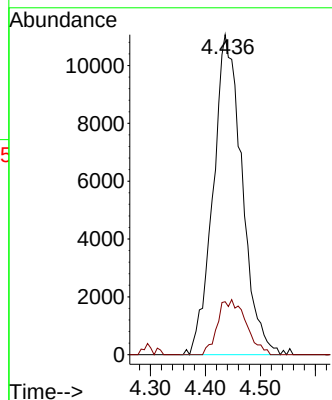
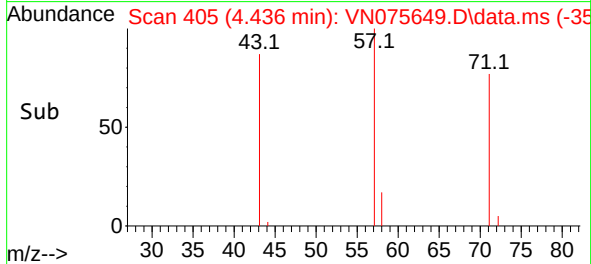
Instrument :
MSVOA_N
ClientSampleId :
INF1222



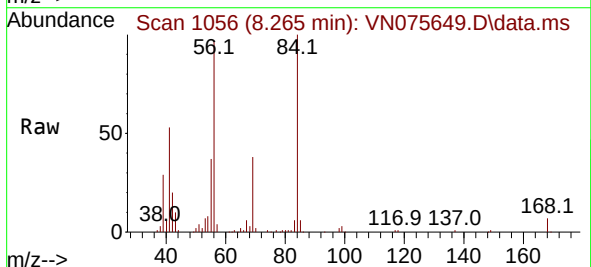
Tgt Ion: 43 Resp: 40302
Ion Ratio Lower Upper
43 100
58 16.5 25.5 38.3

Manual Integrations
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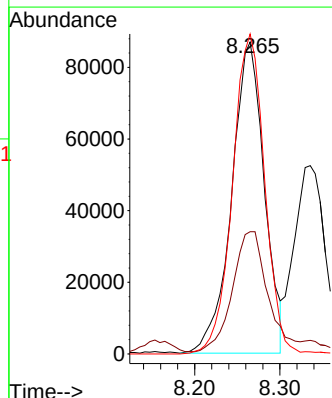
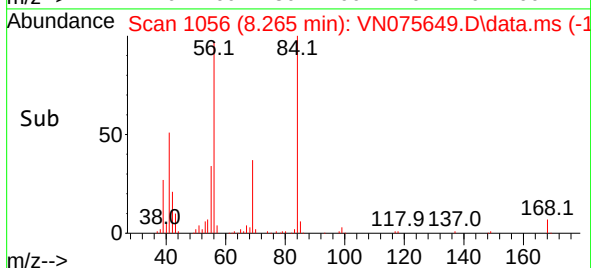
Reviewed By :John Carlone 12/09/2022
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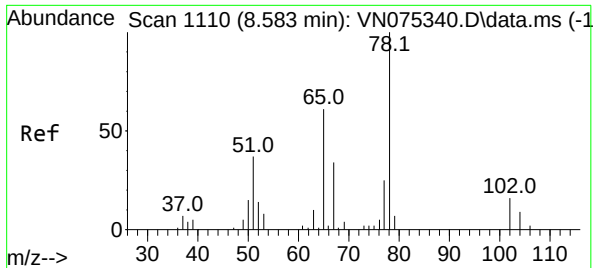


#31
Cyclohexane
Concen: 75.799 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44



Tgt Ion: 56 Resp: 230423
Ion Ratio Lower Upper
56 100
69 38.0 25.2 37.8#
84 102.9 77.8 116.8





#33

1,2-Dichloroethane-d4

Concen: 48.405 ug/l

RT: 8.589 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075649.D

Acq: 08 Dec 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

INF1222

Tgt Ion: 65 Resp: 46314

Ion Ratio Lower Upper

65 100

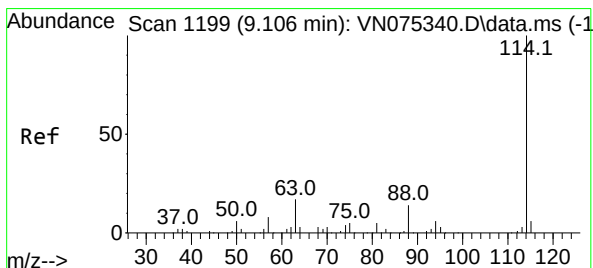
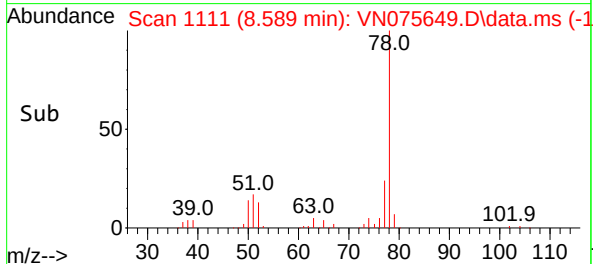
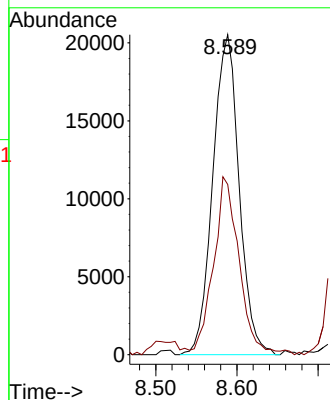
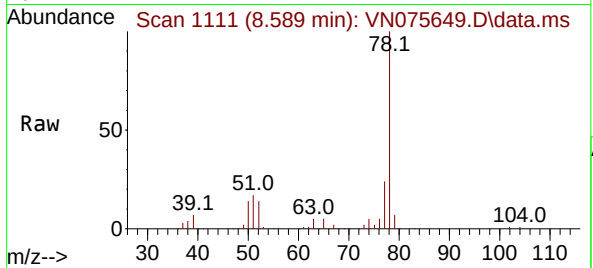
67 54.2 0.0 102.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075649.D

Acq: 08 Dec 2022 15:44

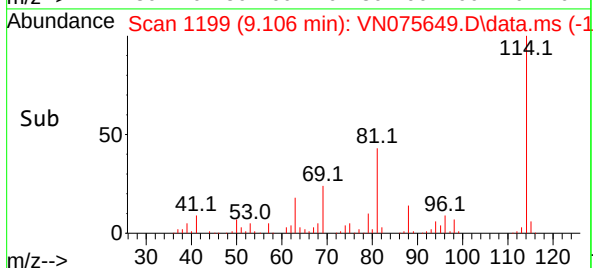
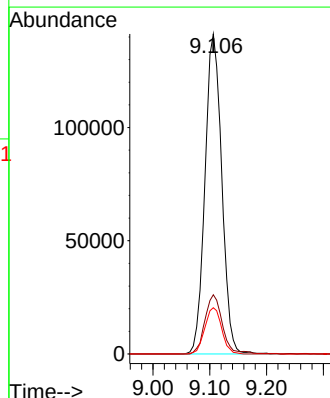
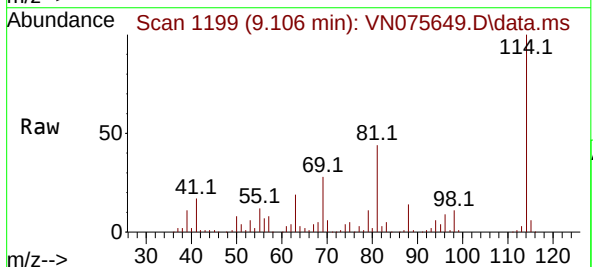
Tgt Ion:114 Resp: 289184

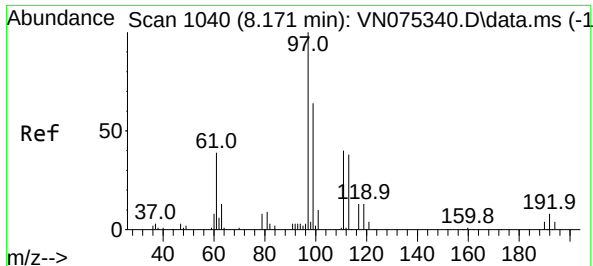
Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.6

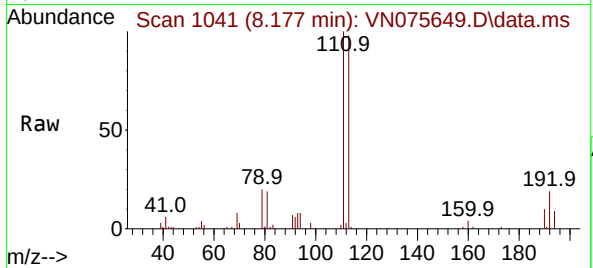
88 14.4 0.0 29.0





#35
Dibromofluoromethane
Concen: 53.802 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

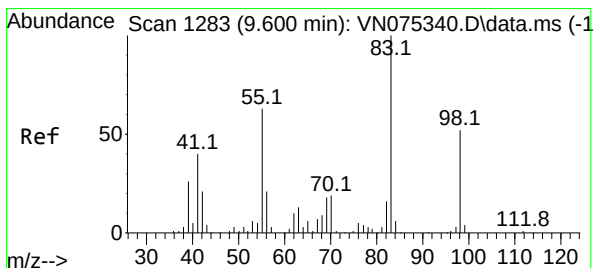
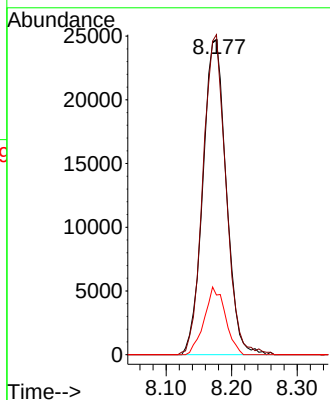
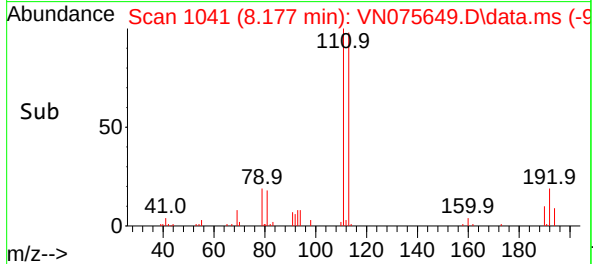
Instrument :
MSVOA_N
ClientSampleId :
INF1222



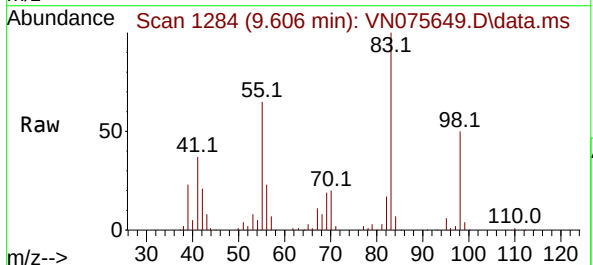
Tgt Ion:113 Resp: 61120
Ion Ratio Lower Upper
113 100
111 99.9 80.5 120.7
192 19.4 13.2 19.8

Manual Integrations
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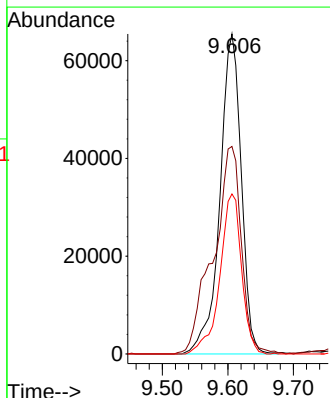
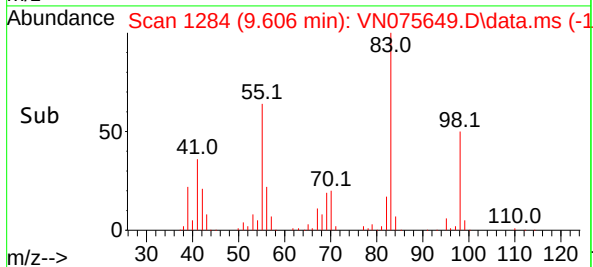
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

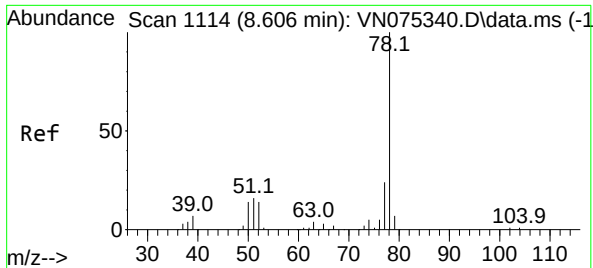


#39
Methylcyclohexane
Concen: 47.739 ug/l
RT: 9.606 min Scan# 1284
Delta R.T. 0.006 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44



Tgt Ion: 83 Resp: 148017
Ion Ratio Lower Upper
83 100
55 64.5 53.6 80.4
98 50.0 41.1 61.7





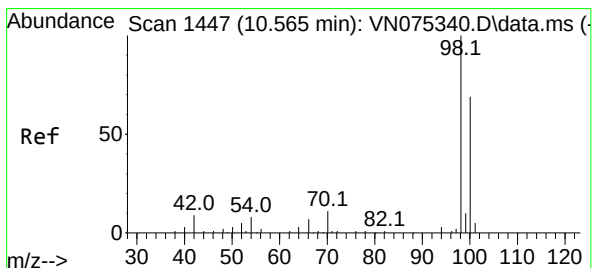
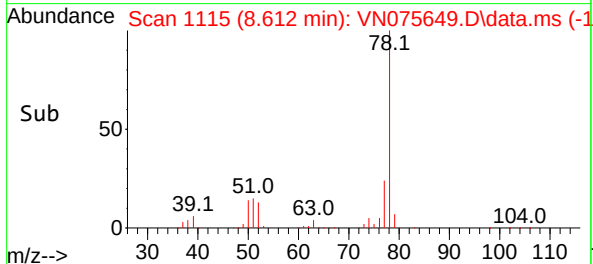
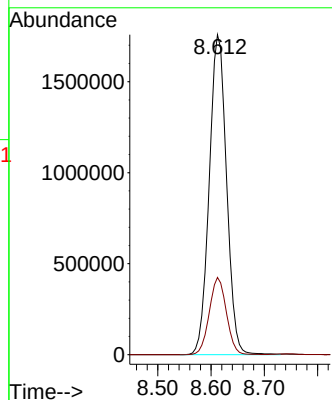
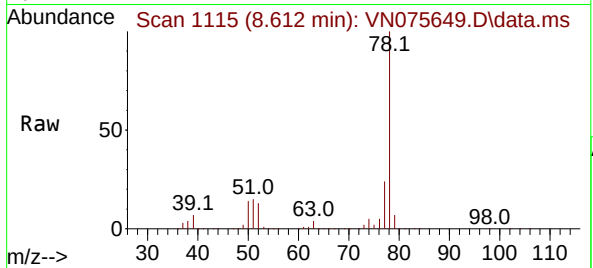
#40
Benzene
Concen: 523.397 ug/l
RT: 8.612 min Scan# 1114
Delta R.T. 0.006 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

Instrument :
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INF1222

Tgt Ion: 78 Resp: 3969958
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0

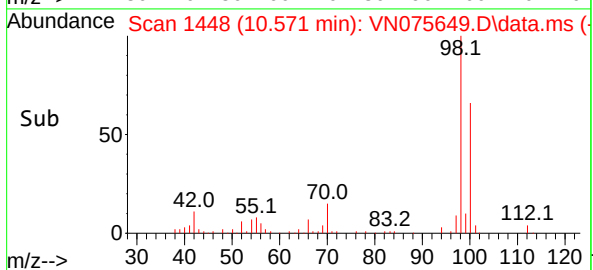
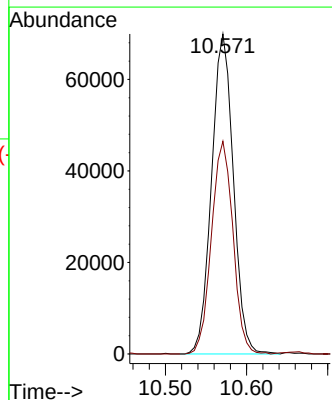
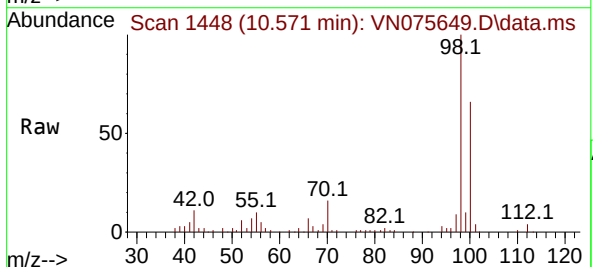
Manual Integrations
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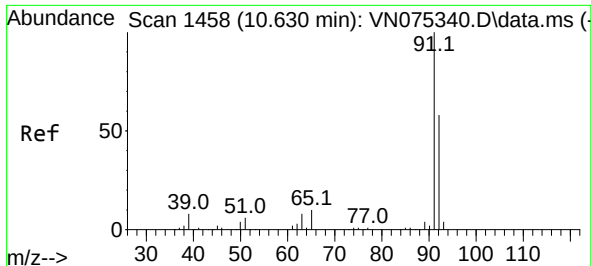
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#50
Toluene-d8
Concen: 50.976 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

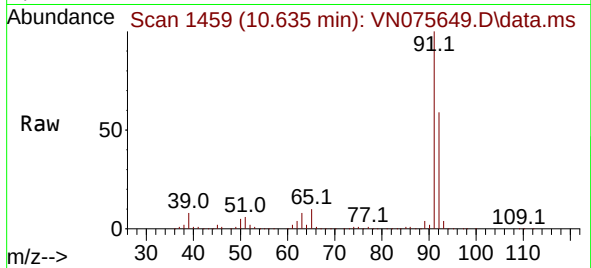
Tgt Ion: 98 Resp: 130428
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6





#52
Toluene
Concen: 197.858 ug/l
RT: 10.635 min Scan# 1458
Delta R.T. 0.005 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

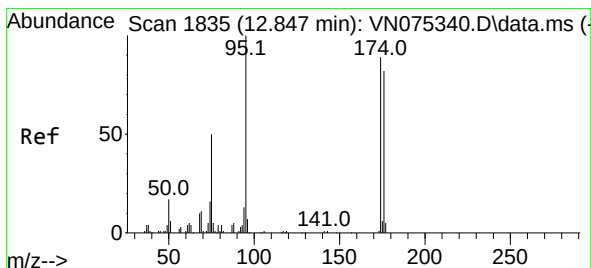
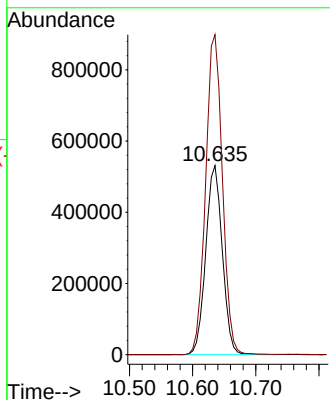
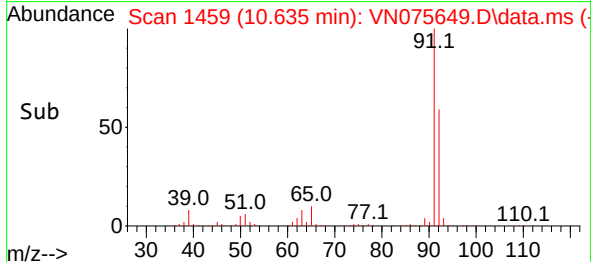
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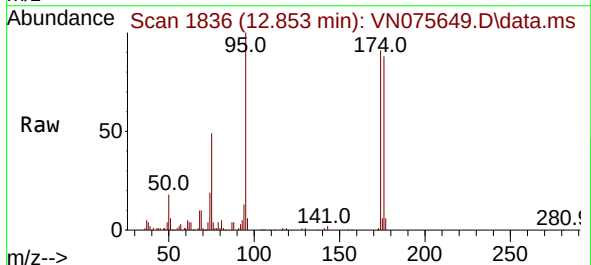
Tgt Ion: 92 Resp: 967090
Ion Ratio Lower Upper
92 100
91 171.3 135.4 203.2

Manual Integrations
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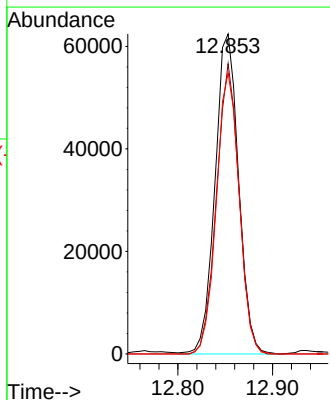
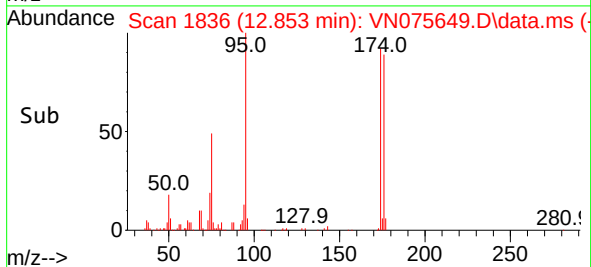
Reviewed By :John Carlone 12/09/2022
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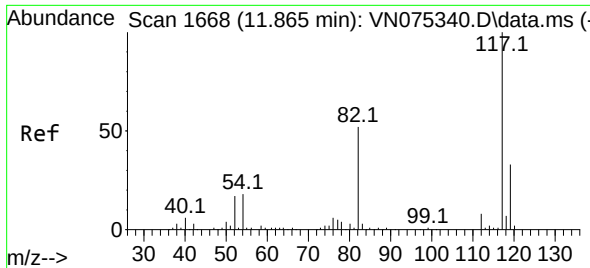


#62
4-Bromofluorobenzene
Concen: 57.140 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44



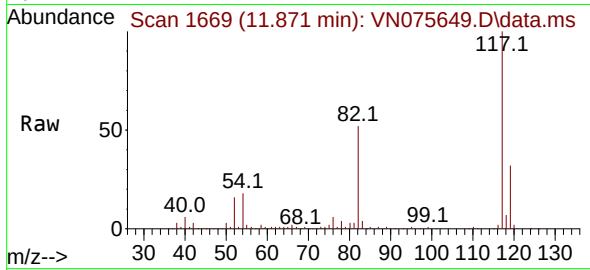
Tgt Ion: 95 Resp: 107911
Ion Ratio Lower Upper
95 100
174 86.6 0.0 147.4
176 84.9 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

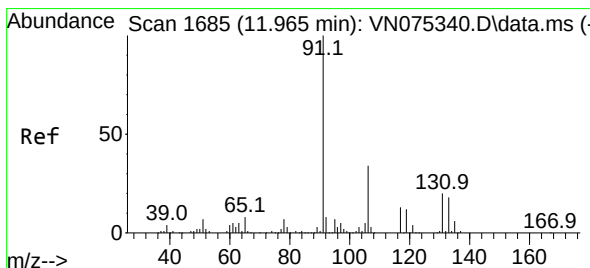
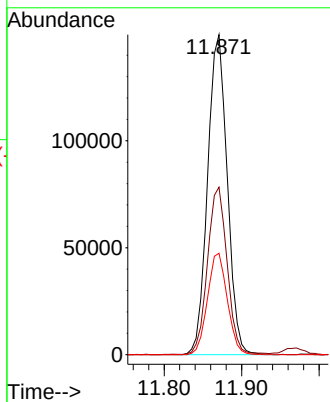
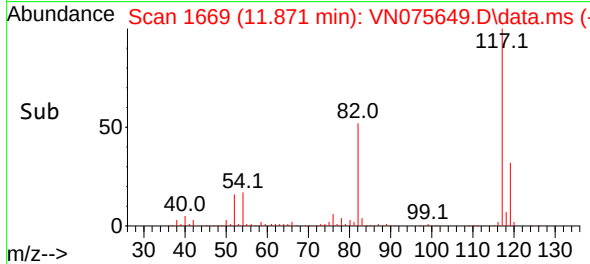
Instrument :
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ClientSampleId :
INF1222



Tgt Ion:117 Resp: 263434
Ion Ratio Lower Upper
117 100
82 52.2 43.1 64.7
119 31.7 25.5 38.3

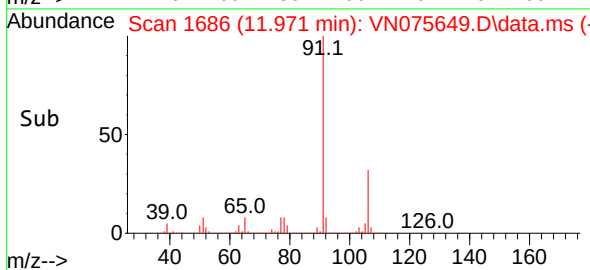
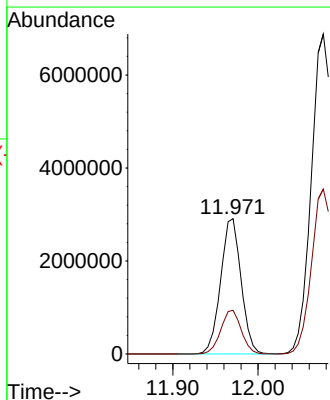
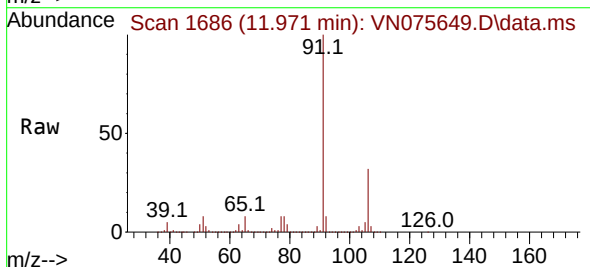
Manual Integrations
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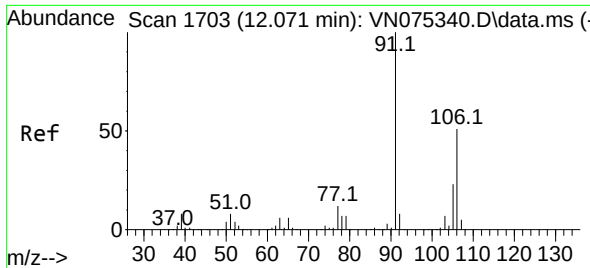
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#67
Ethyl Benzene
Concen: 523.460 ug/l
RT: 11.971 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

Tgt Ion: 91 Resp: 4858521
Ion Ratio Lower Upper
91 100
106 32.3 24.9 37.3





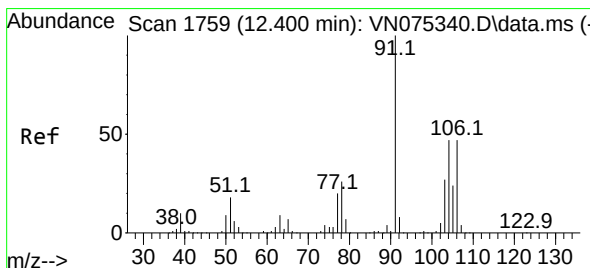
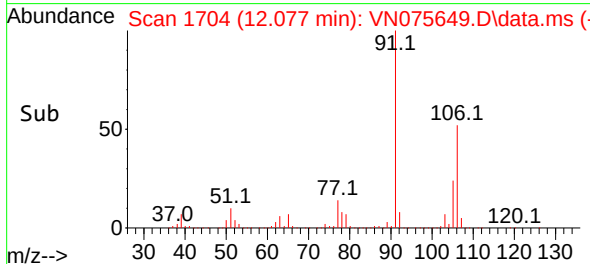
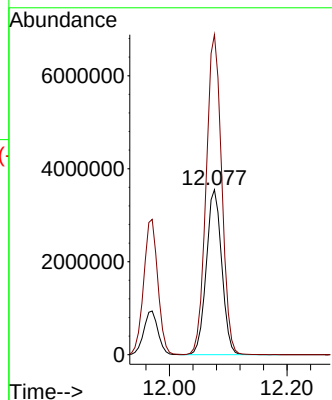
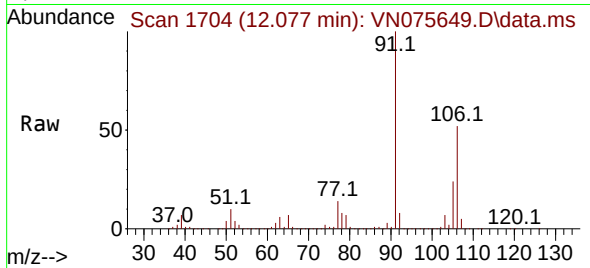
#68
m/p-Xylenes
Concen: 1707.999 ug/l
RT: 12.077 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

Instrument :
MSVOA_N
ClientSampleId :
INF1222

Tgt Ion:106 Resp: 643767
Ion Ratio Lower Upper
106 100
91 195.5 156.0 234.0

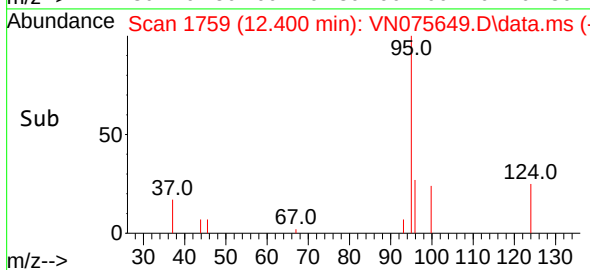
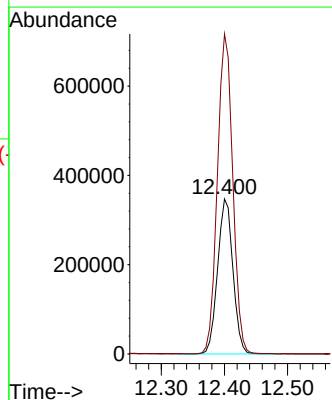
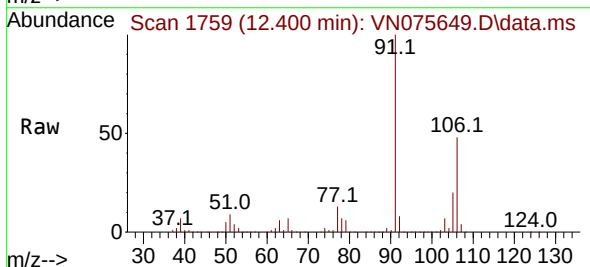
Manual Integrations
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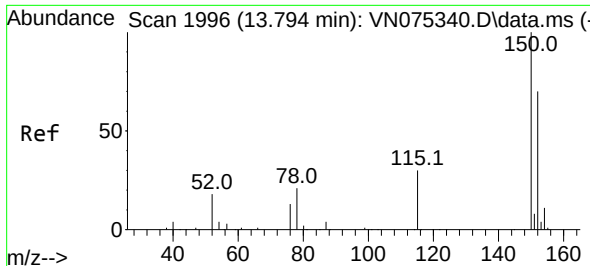
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#69
o-Xylene
Concen: 156.222 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

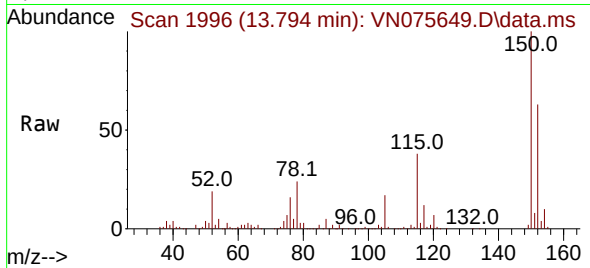
Tgt Ion:106 Resp: 585035
Ion Ratio Lower Upper
106 100
91 207.2 105.2 315.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

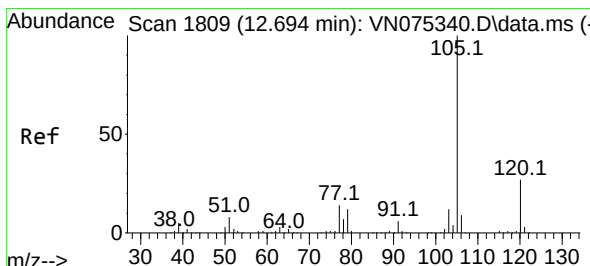
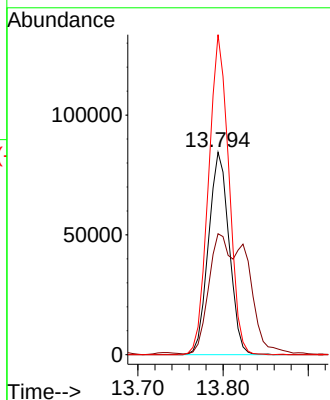
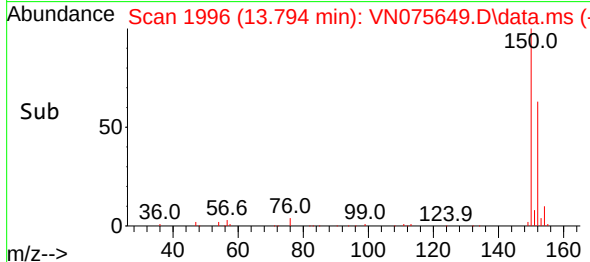
Instrument :
MSVOA_N
ClientSampleId :
INF1222



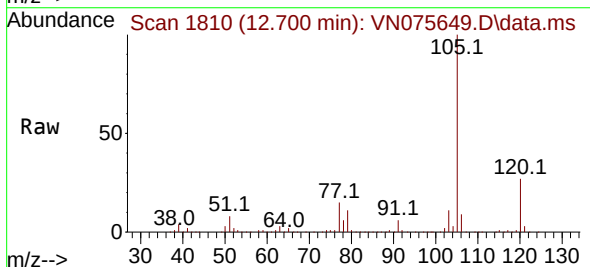
Tgt Ion:152 Resp: 141900
Ion Ratio Lower Upper
152 100
115 66.1 30.2 90.6
150 156.0 0.0 348.4

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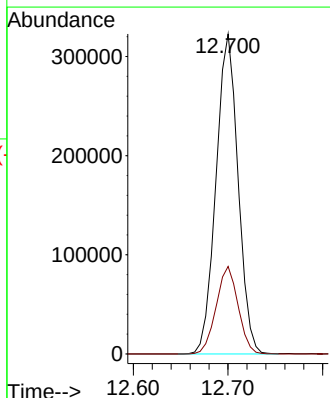
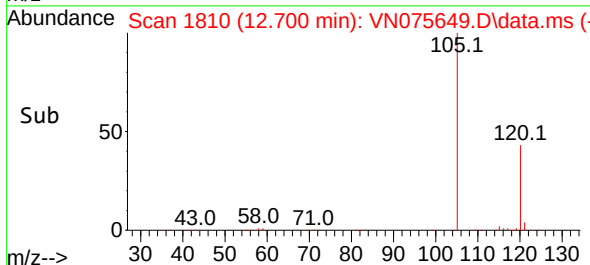
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

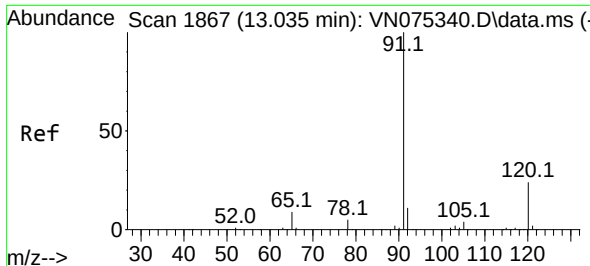


#73
Isopropylbenzene
Concen: 50.384 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44



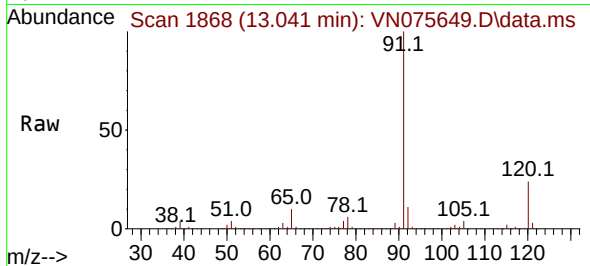
Tgt Ion:105 Resp: 522365
Ion Ratio Lower Upper
105 100
120 27.2 13.1 39.1





#78
n-propylbenzene
Concen: 98.779 ug/l
RT: 13.041 min Scan# 1867
Delta R.T. 0.006 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

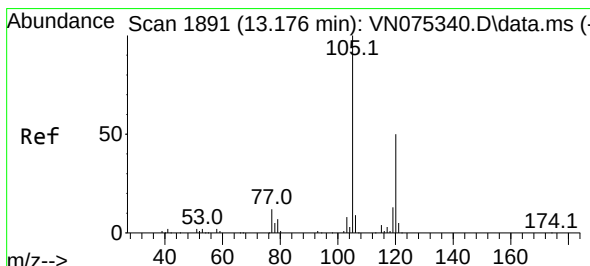
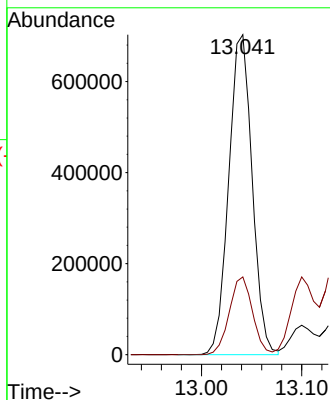
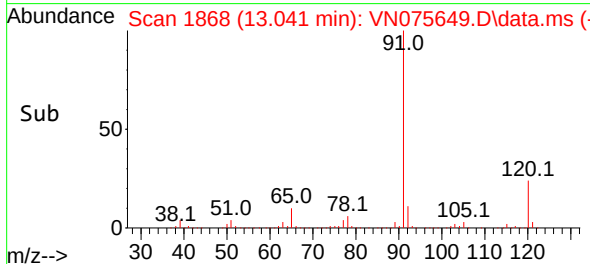
Instrument :
MSVOA_N
ClientSampleId :
INF1222



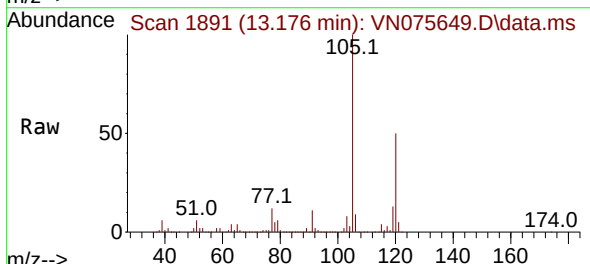
Tgt Ion: 91 Resp: 114290
Ion Ratio Lower Upper
91 100
120 24.1 11.9 35.5

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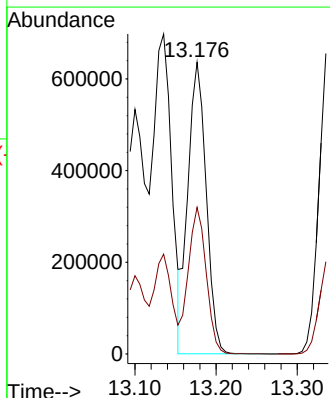
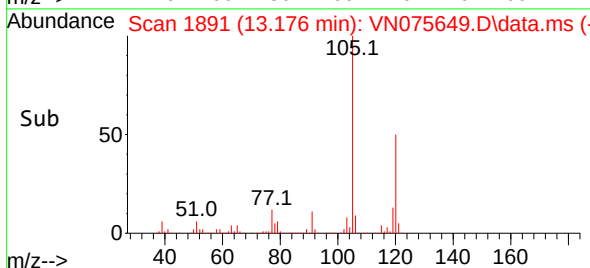
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

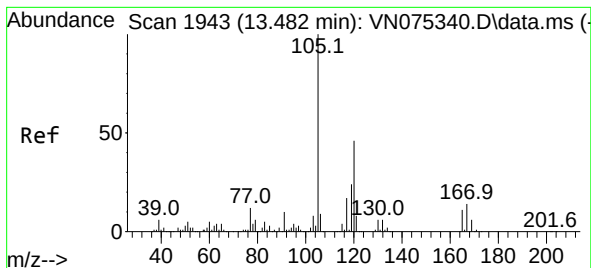


#80
1,3,5-Trimethylbenzene
Concen: 116.108 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44



Tgt Ion:105 Resp: 1000097
Ion Ratio Lower Upper
105 100
120 49.5 24.7 74.1





#84

1,2,4-Trimethylbenzene

Concen: 461.160 ug/l

RT: 13.488 min Scan# 1943

Delta R.T. 0.006 min

Lab File: VN075649.D

Acq: 08 Dec 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

INF1222

Tgt Ion:105 Resp: 398438

Ion Ratio Lower Upper

105 100

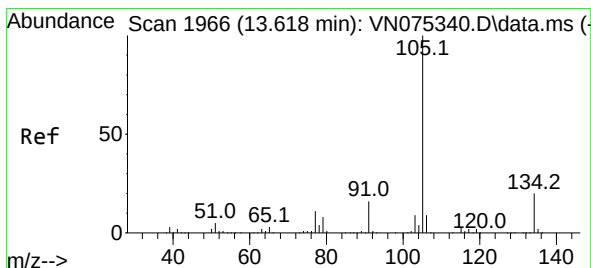
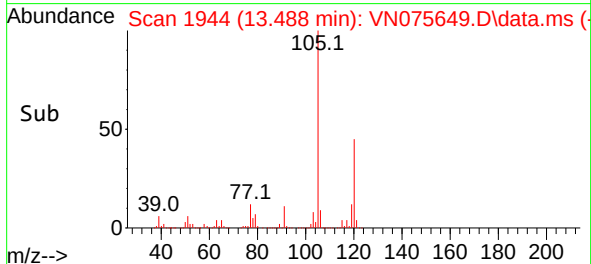
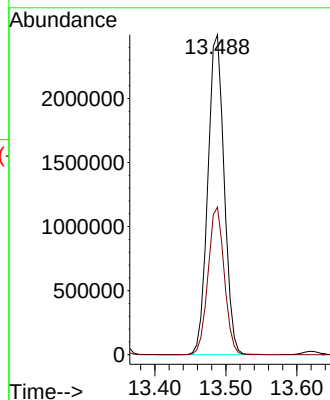
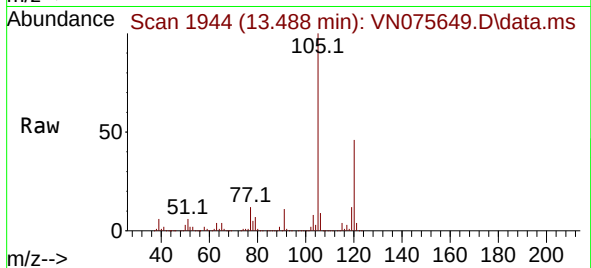
120 45.9 22.7 68.1

Manual Integrations

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Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#85

sec-Butylbenzene

Concen: 3.977 ug/l m

RT: 13.618 min Scan# 1966

Delta R.T. -0.000 min

Lab File: VN075649.D

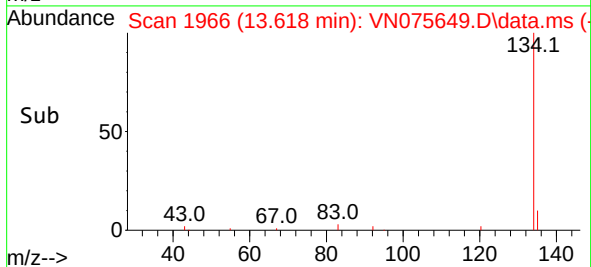
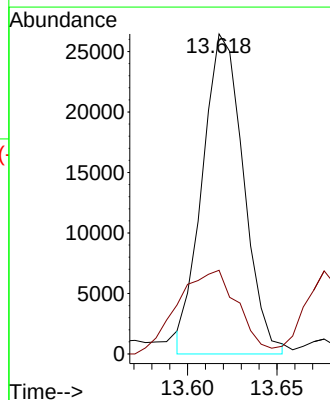
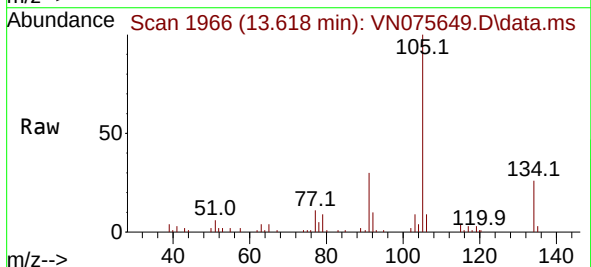
Acq: 08 Dec 2022 15:44

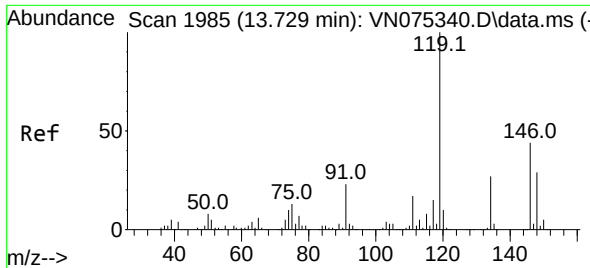
Tgt Ion:105 Resp: 42379

Ion Ratio Lower Upper

105 100

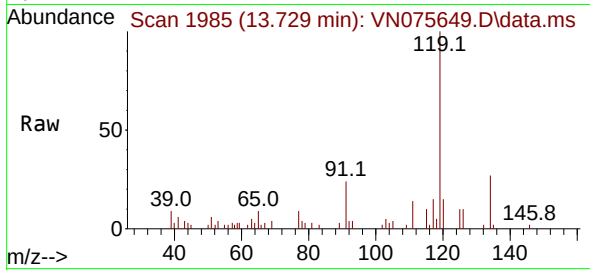
134 0.0 10.2 30.6#





#86
p-Isopropyltoluene
Concen: 1.674 ug/l
RT: 13.729 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

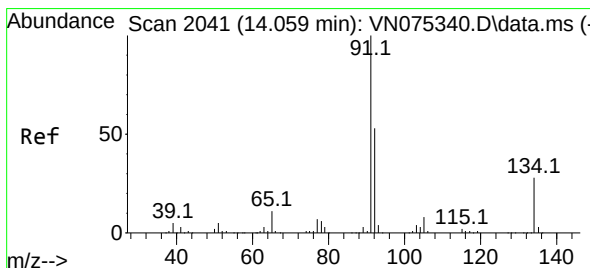
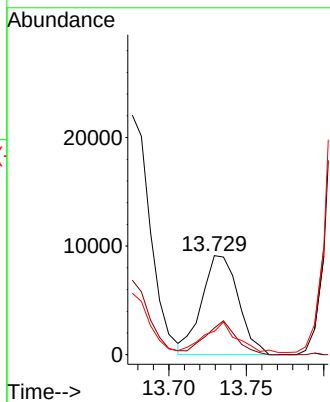
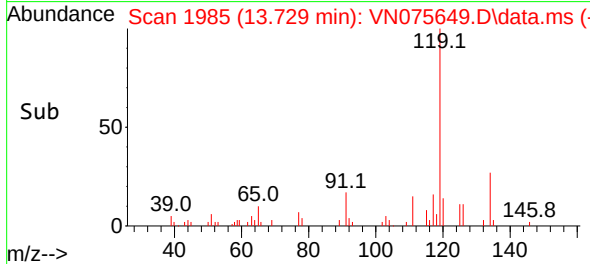
Instrument :
MSVOA_N
ClientSampleId :
INF1222



Tgt Ion: 119 Resp: 15010
Ion Ratio Lower Upper
119 100
134 28.1 13.1 39.3
91 0.0 11.9 35.5

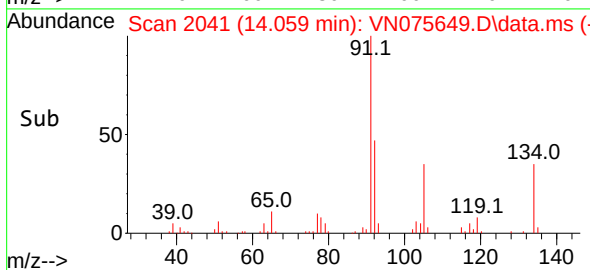
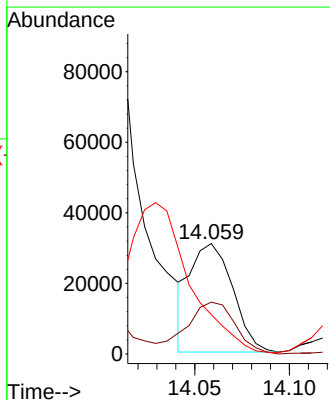
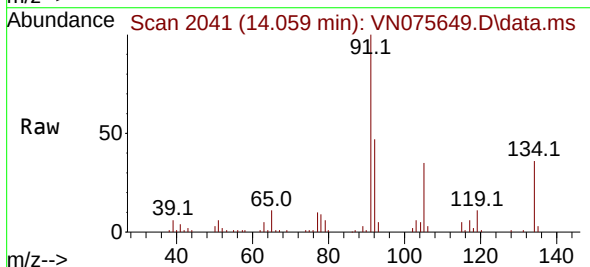
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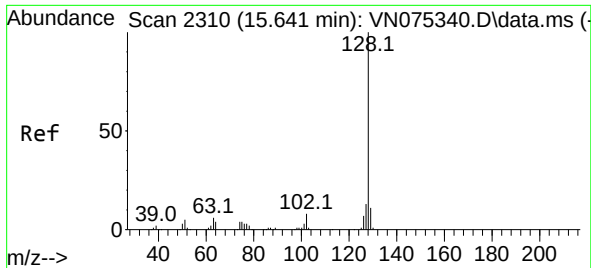
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#89
n-Butylbenzene
Concen: 6.324 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

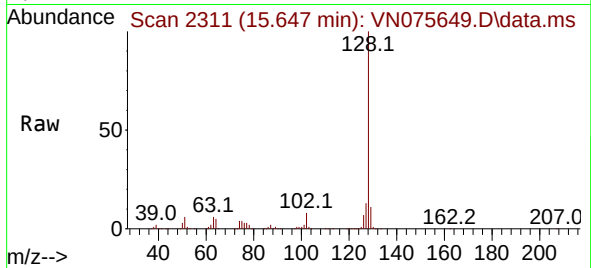
Tgt Ion: 91 Resp: 47883
Ion Ratio Lower Upper
91 100
92 53.6 26.5 79.4
134 0.0 13.0 39.0





#95
Naphthalene
Concen: 135.478 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN075649.D
Acq: 08 Dec 2022 15:44

Instrument :
MSVOA_N
ClientSampleId :
INF1222



Tgt Ion:128 Resp: 1032480
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.7 8.6 12.8

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Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

