

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101023\
 Data File : VN079495.D
 Acq On : 10 Oct 2023 16:01
 Operator : JC\MD
 Sample : 04770-01
 Misc : 1.50g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1037

Quant Time: Oct 10 16:23:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 10/10/2023
 Supervised By :Mahesh Dadoda 10/11/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	306225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	554094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	550212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	343099	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	223464	45.006	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.020%		
35) Dibromofluoromethane	8.165	113	189697	47.640	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.280%		
50) Toluene-d8	10.571	98	731217	50.752	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.500%		
62) 4-Bromofluorobenzene	12.853	95	346923	75.031	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	150.060%#		
Target Compounds					Qvalue	
16) Acetone	4.441	43	494090	250.888	ug/l	94
18) Methyl Acetate	5.041	43	12483	1.295	ug/l #	82
20) Methylene Chloride	5.253	84	4362	0.414	ug/l	95
39) Methylcyclohexane	9.600	83	446317	77.731	ug/l #	81
40) Benzene	8.612	78	63356	3.570	ug/l	97
52) Toluene	10.635	92	9605496	919.410	ug/l	97
67) Ethyl Benzene	11.970	91	10422436	489.370	ug/l	97
68) m/p-Xylenes	12.070	106	17134138	2214.173	ug/l #	1
69) o-Xylene	12.406	106	7871795	1034.360	ug/l	97
73) Isopropylbenzene	12.700	105	1520156	47.625	ug/l	99
78) n-propylbenzene	13.041	91	7123331	197.246	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	9714126	385.941	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	21584525m	898.583	ug/l	
85) sec-Butylbenzene	13.623	105	856994	29.794	ug/l #	66
86) p-Isopropyltoluene	13.735	119	586754m	26.590	ug/l	
89) n-Butylbenzene	14.059	91	2201939	124.960	ug/l #	78
95) Naphthalene	15.647	128	7493073	654.313	ug/l	98

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

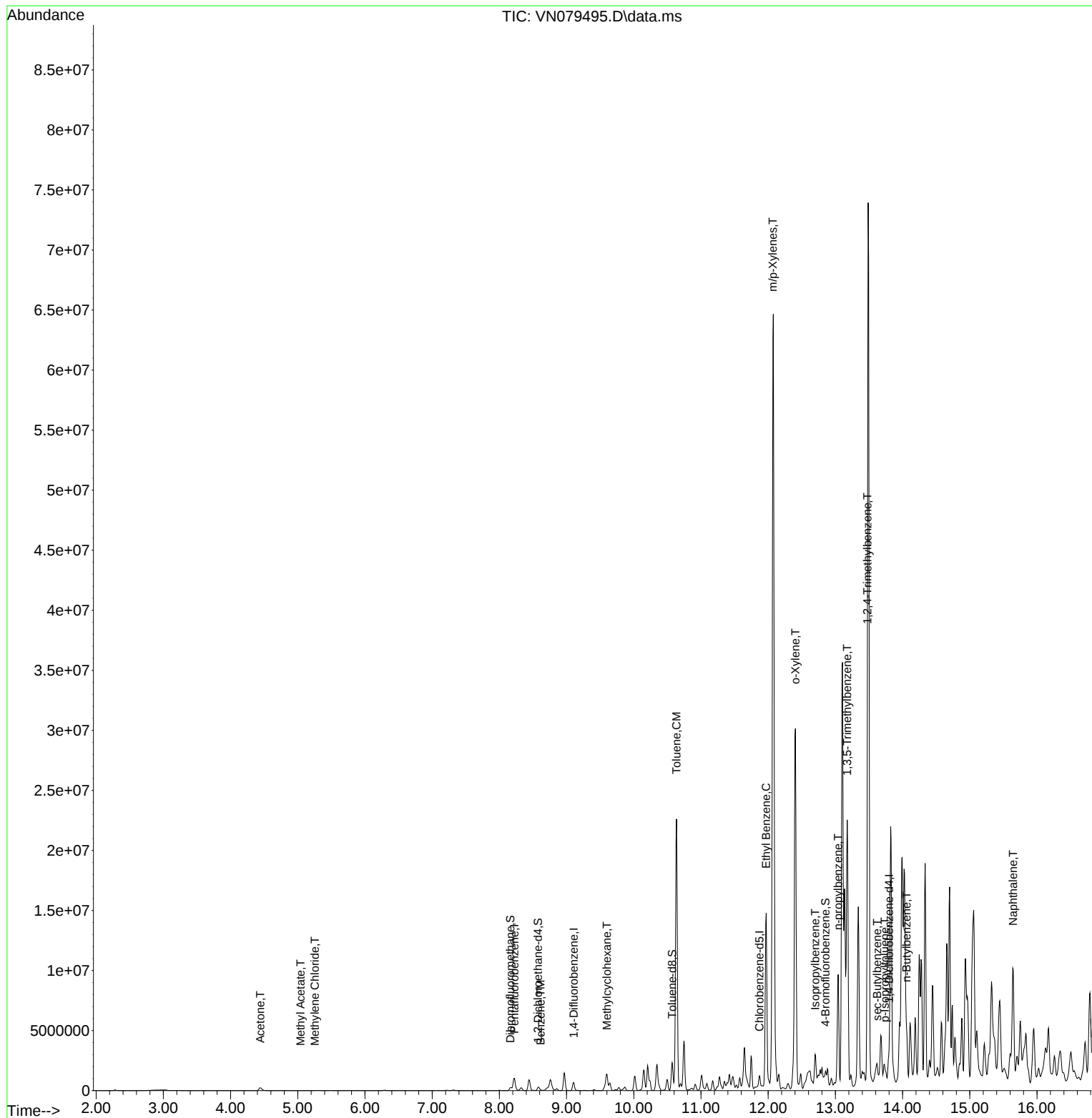
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101023\
Data File : VN079495.D
Acq On : 10 Oct 2023 16:01
Operator : JC\MD
Sample : 04770-01
Misc : 1.50g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 16 Sample Multiplier: 1

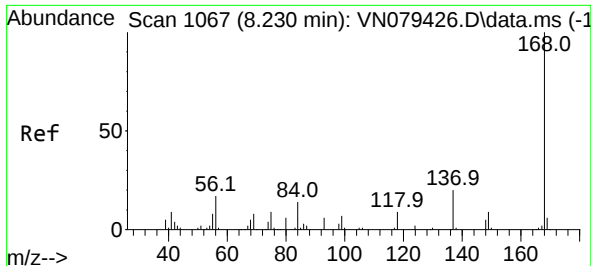
Instrument :
MSVOA_N
ClientSampleId :
1037

Quant Time: Oct 10 16:23:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 03:34:49 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

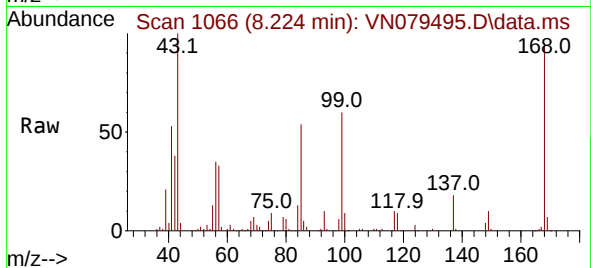
Reviewed By : John Carlone 10/10/2023
Supervised By : Mahesh Dadoda 10/11/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN079495.D
Acq: 10 Oct 2023 16:01

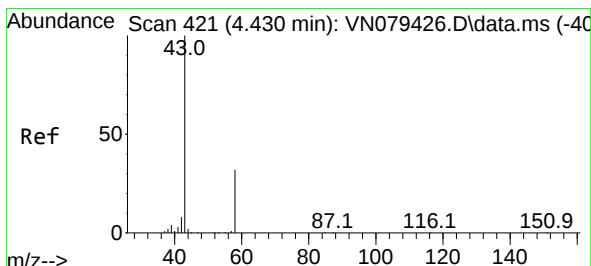
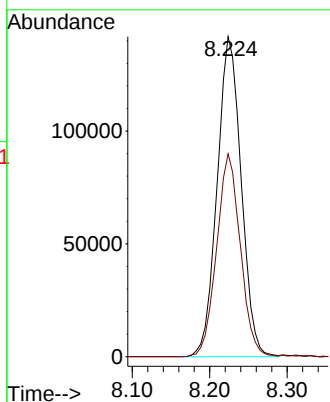
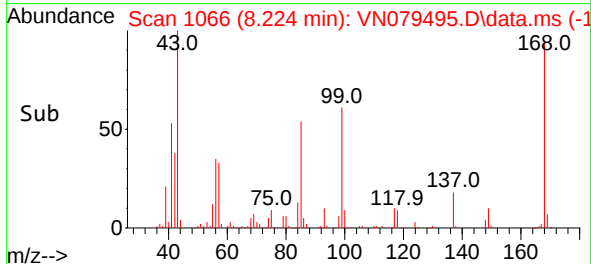
Instrument :
MSVOA_N
ClientSampleId :
1037



Tgt Ion:168 Resp: 306225
Ion Ratio Lower Upper
168 100
99 63.4 53.0 79.6

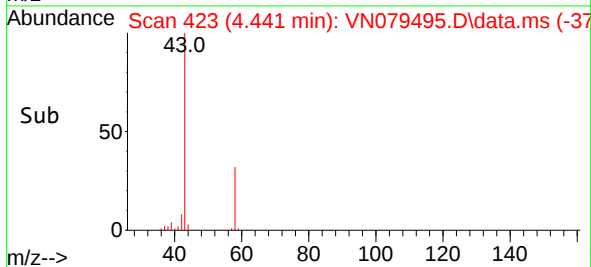
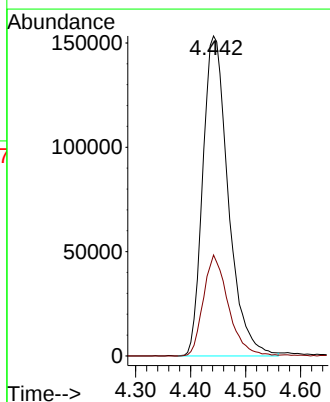
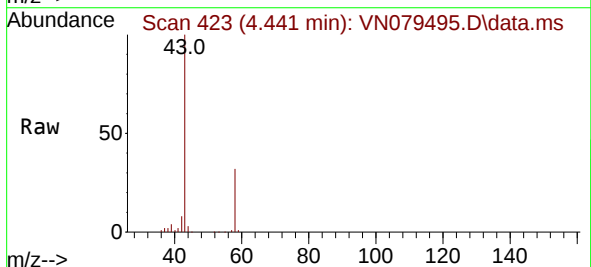
Manual Integrations
APPROVED

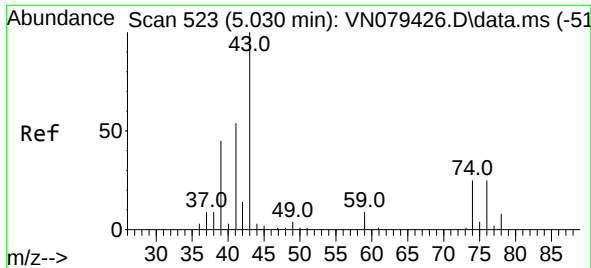
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/11/2023



#16
Acetone
Concen: 250.888 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.011 min
Lab File: VN079495.D
Acq: 10 Oct 2023 16:01

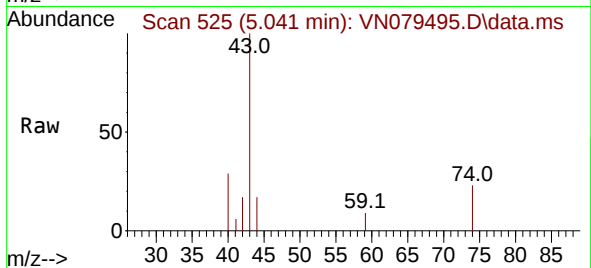
Tgt Ion: 43 Resp: 494090
Ion Ratio Lower Upper
43 100
58 31.6 28.0 42.0





#18
Methyl Acetate
Concen: 1.295 ug/l
RT: 5.041 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN079495.D
Acq: 10 Oct 2023 16:01

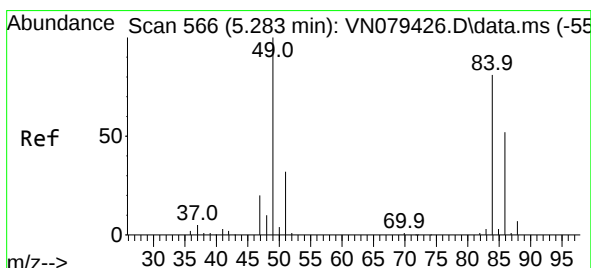
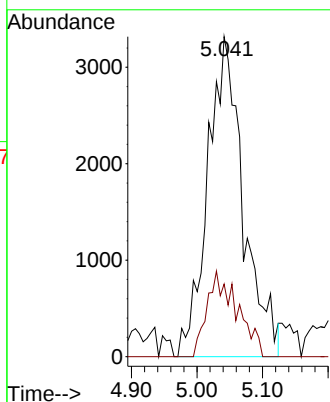
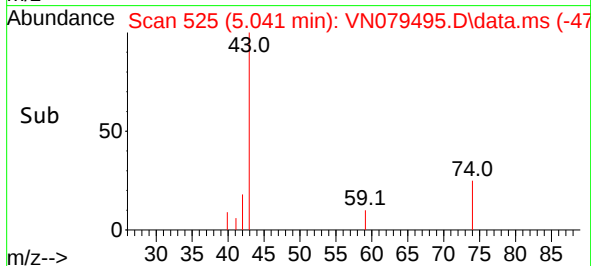
Instrument :
MSVOA_N
ClientSampleId :
1037



Tgt Ion: 43 Resp: 1248
Ion Ratio Lower Upper
43 100
74 22.7 26.2 39.4

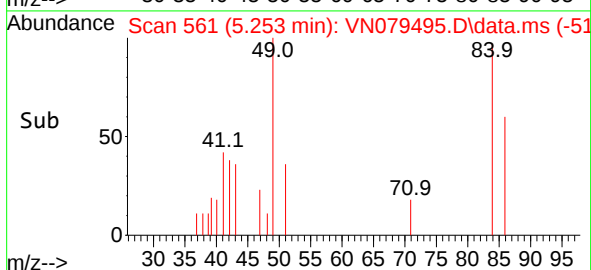
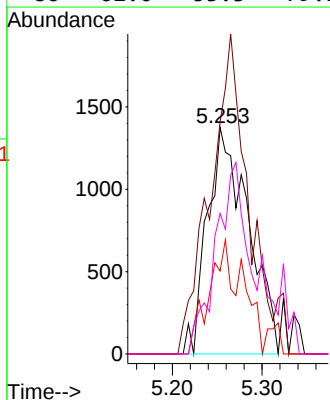
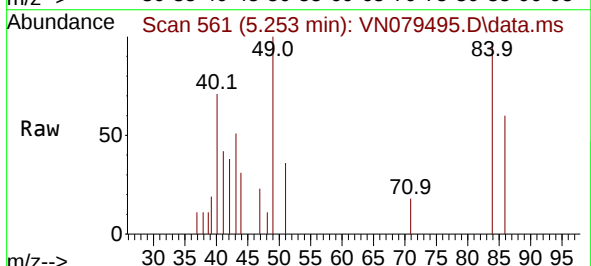
Manual Integrations
APPROVED

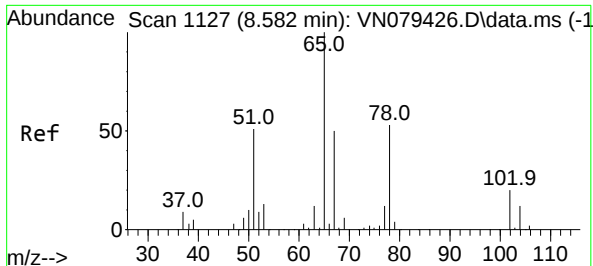
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/11/2023



#20
Methylene Chloride
Concen: 0.414 ug/l
RT: 5.253 min Scan# 561
Delta R.T. -0.030 min
Lab File: VN079495.D
Acq: 10 Oct 2023 16:01

Tgt Ion: 84 Resp: 4362
Ion Ratio Lower Upper
84 100
49 102.6 79.7 119.5
51 36.7 25.2 37.8
86 62.0 53.3 79.9





#33

1,2-Dichloroethane-d4

Concen: 45.006 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN079495.D

Acq: 10 Oct 2023 16:01

Instrument :

MSVOA_N

ClientSampleId :

1037

Tgt Ion: 65 Resp: 223464

Ion Ratio Lower Upper

65 100

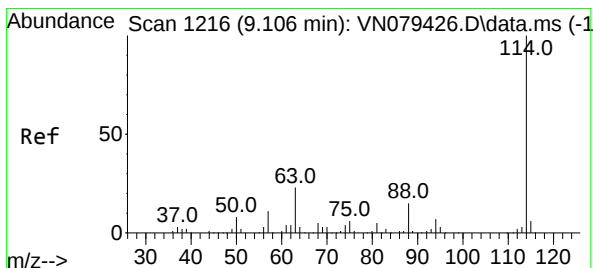
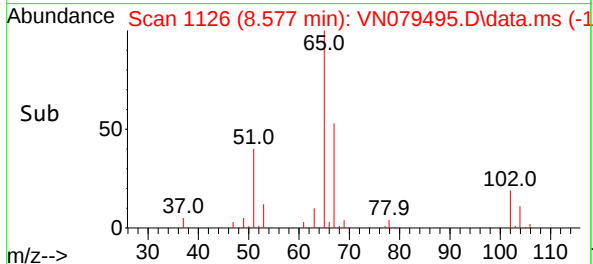
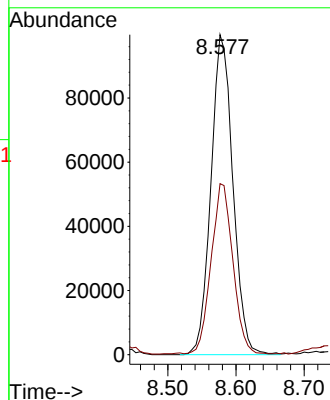
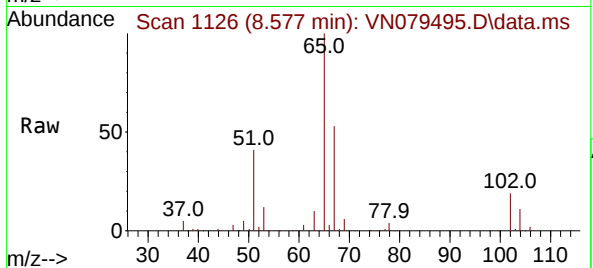
67 53.0 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/11/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN079495.D

Acq: 10 Oct 2023 16:01

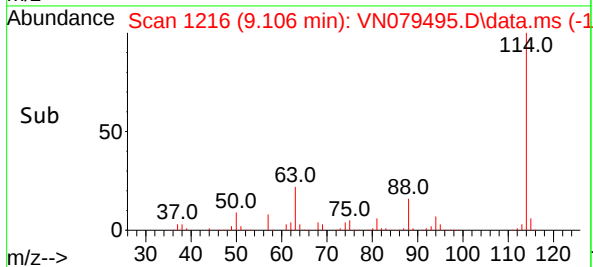
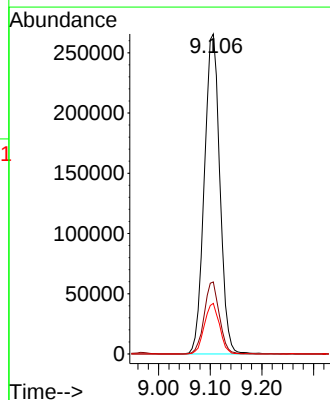
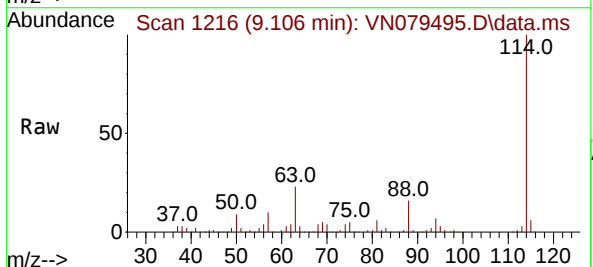
Tgt Ion:114 Resp: 554094

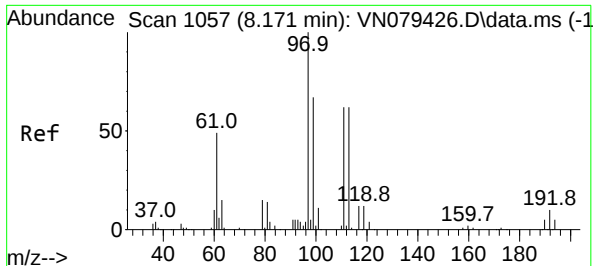
Ion Ratio Lower Upper

114 100

63 22.5 0.0 36.4

88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.640 ug/l

RT: 8.165 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VN079495.D

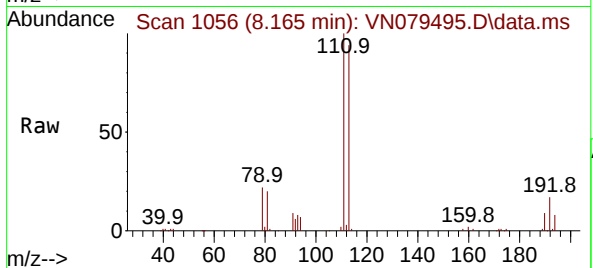
Acq: 10 Oct 2023 16:01

Instrument :

MSVOA_N

ClientSampleId :

1037



Tgt Ion: 113 Resp: 18969

Ion Ratio Lower Upper

113 100

111 104.3 82.6 123.8

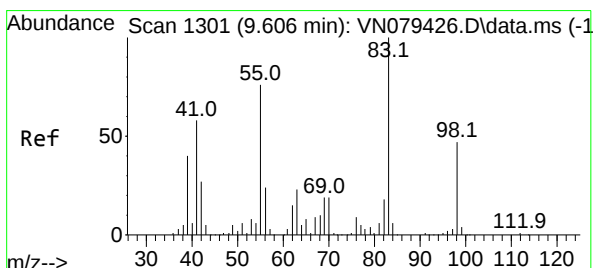
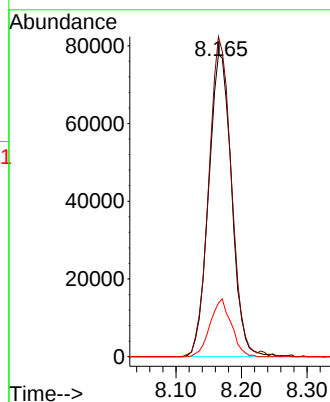
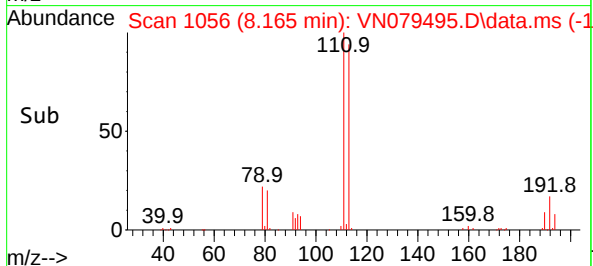
192 17.6 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/11/2023



#39

Methylcyclohexane

Concen: 77.731 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.006 min

Lab File: VN079495.D

Acq: 10 Oct 2023 16:01

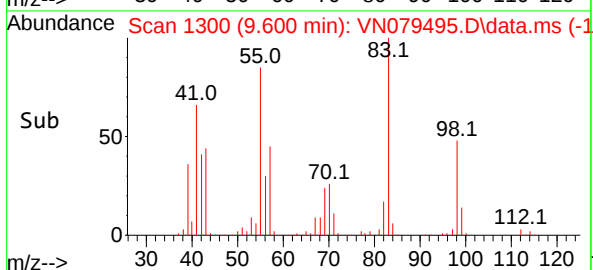
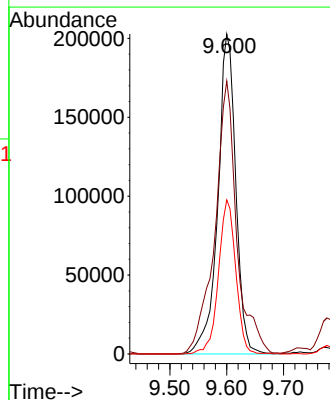
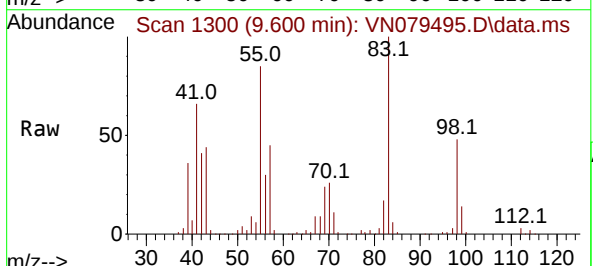
Tgt Ion: 83 Resp: 446317

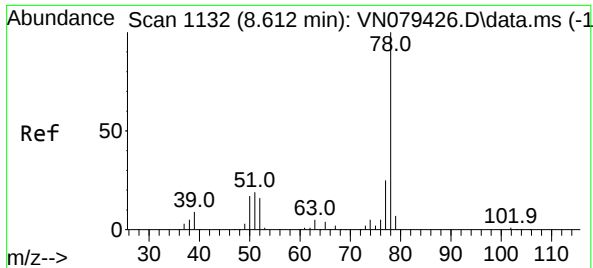
Ion Ratio Lower Upper

83 100

55 85.2 49.1 73.7#

98 48.2 40.6 61.0





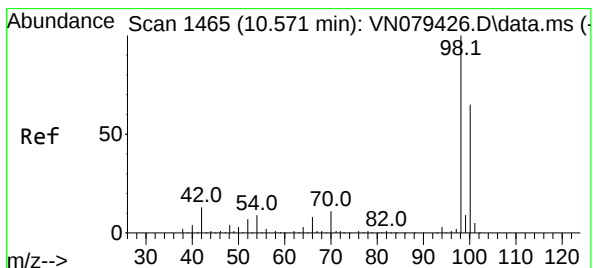
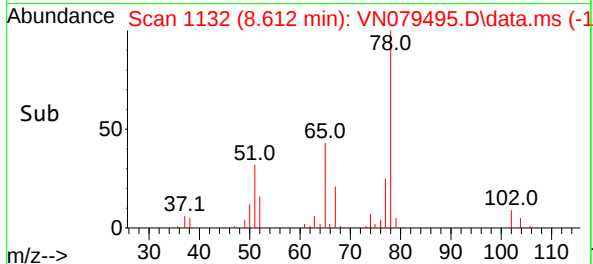
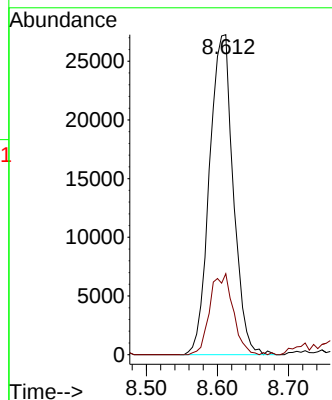
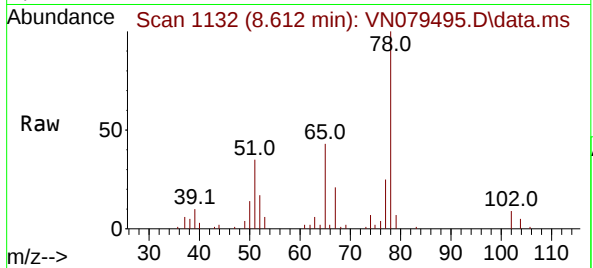
#40
Benzene
Concen: 3.570 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079495.D
Acq: 10 Oct 2023 16:01

Instrument :
MSVOA_N
ClientSampleId :
1037

Tgt Ion: 78 Resp: 63350
Ion Ratio Lower Upper
78 100
77 25.3 19.0 28.6

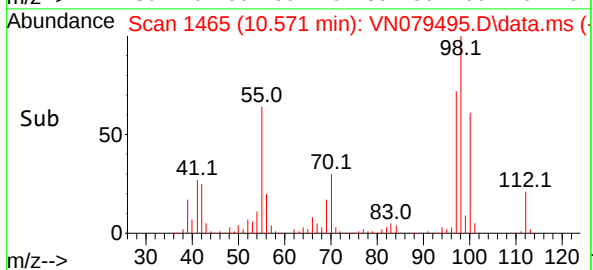
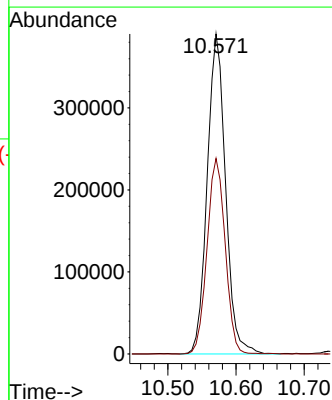
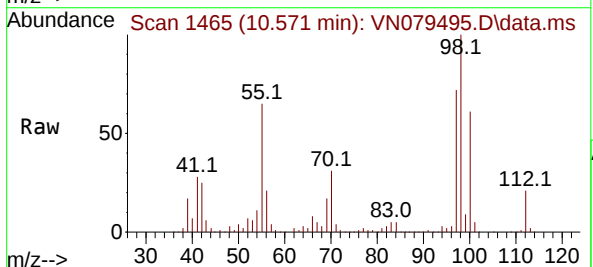
Manual Integrations
APPROVED

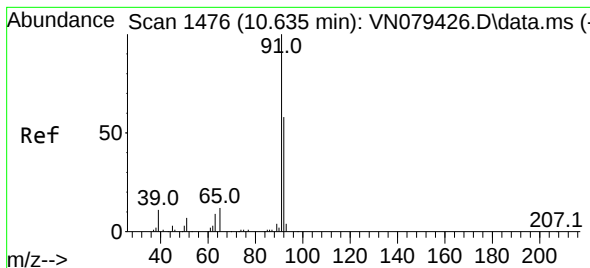
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/11/2023



#50
Toluene-d8
Concen: 50.752 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079495.D
Acq: 10 Oct 2023 16:01

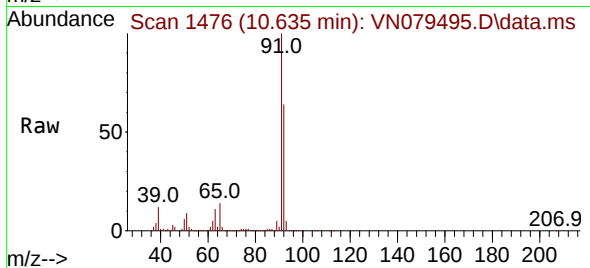
Tgt Ion: 98 Resp: 731217
Ion Ratio Lower Upper
98 100
100 60.3 52.0 78.0





#52
Toluene
Concen: 919.410 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079495.D
Acq: 10 Oct 2023 16:01

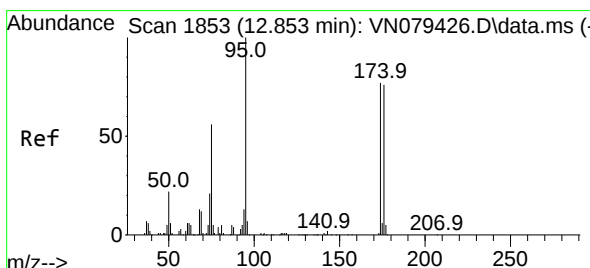
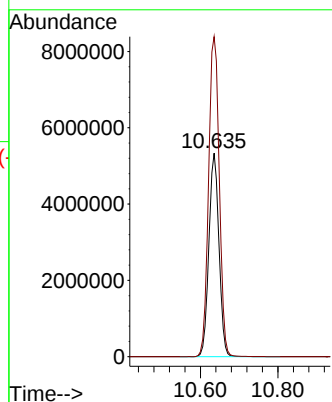
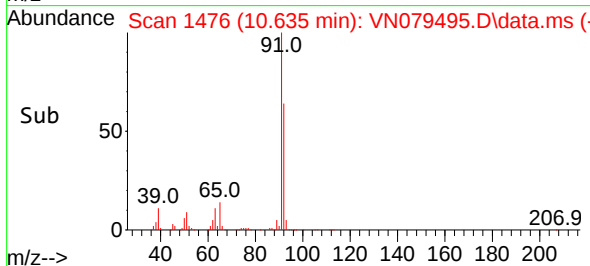
Instrument :
MSVOA_N
ClientSampleId :
1037



Tgt Ion: 92 Resp: 9605490
Ion Ratio Lower Upper
92 100
91 166.9 137.4 206.0

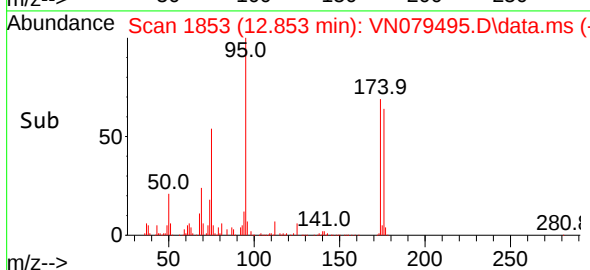
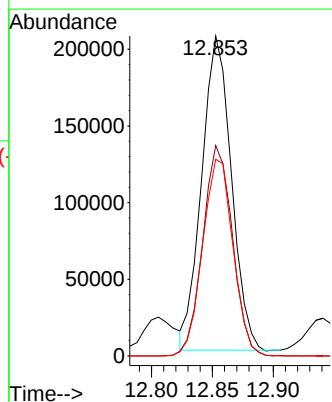
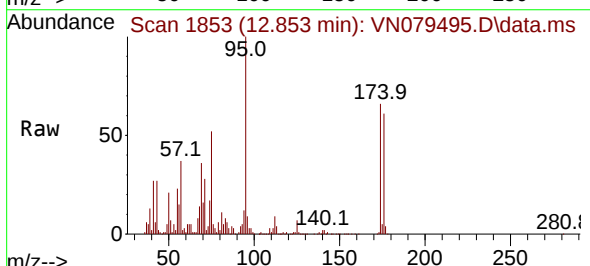
Manual Integrations
APPROVED

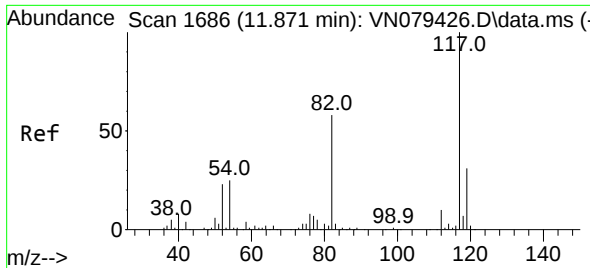
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/11/2023



#62
4-Bromofluorobenzene
Concen: 75.031 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079495.D
Acq: 10 Oct 2023 16:01

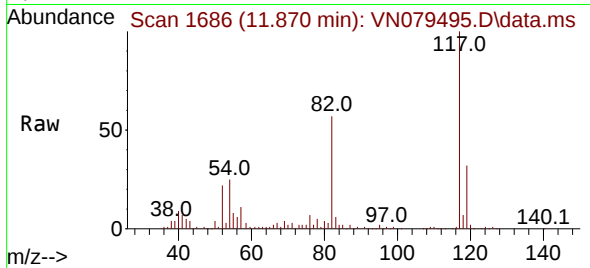
Tgt Ion: 95 Resp: 346923
Ion Ratio Lower Upper
95 100
174 66.9 0.0 143.8
176 64.4 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11037
Delta R.T. -0.000 min
Lab File: VN079495.D
Acq: 10 Oct 2023 16:01

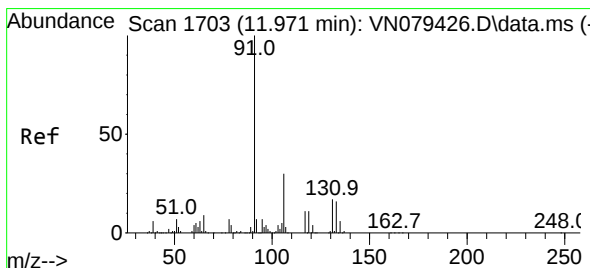
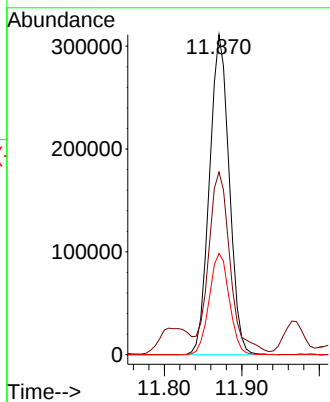
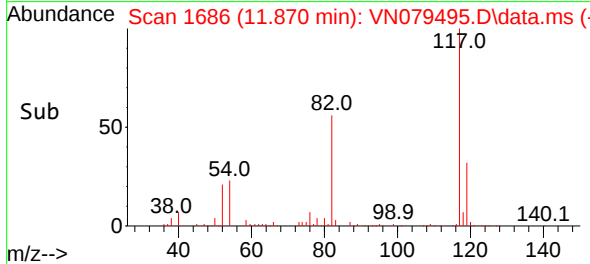
Instrument :
MSVOA_N
ClientSampleId :
1037



Tgt Ion:117 Resp: 550212
Ion Ratio Lower Upper
117 100
82 54.4 44.0 66.0
119 31.6 25.6 38.4

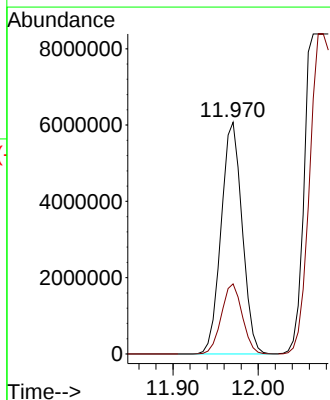
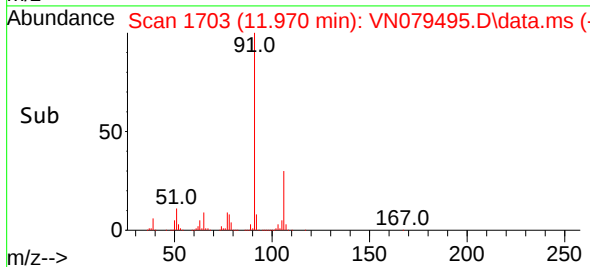
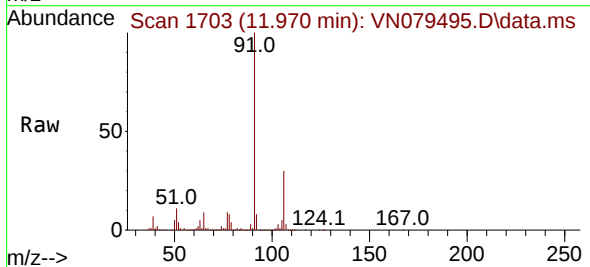
Manual Integrations
APPROVED

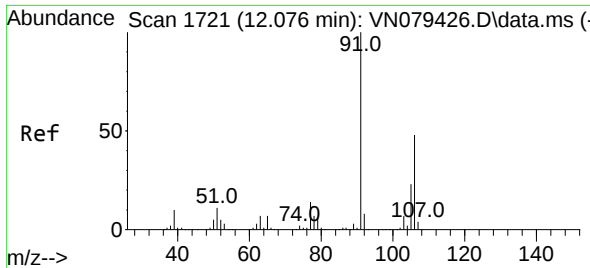
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/11/2023



#67
Ethyl Benzene
Concen: 489.370 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079495.D
Acq: 10 Oct 2023 16:01

Tgt Ion: 91 Resp:10422436
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4





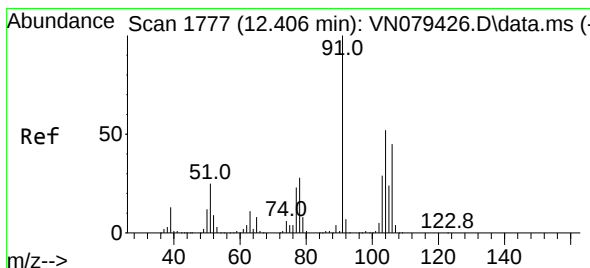
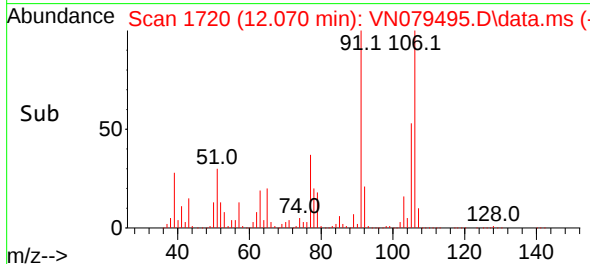
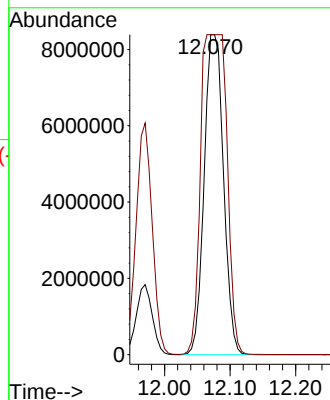
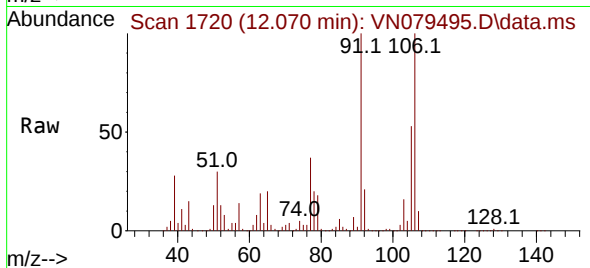
#68
m/p-Xylenes
Concen: 2214.173 ug/l
RT: 12.070 min Scan# 1721
Delta R.T. -0.006 min
Lab File: VN079495.D
Acq: 10 Oct 2023 16:01

Instrument :
MSVOA_N
ClientSampleId :
1037

Tgt Ion:106 Resp:17134138
Ion Ratio Lower Upper
106 100
91 0.0 159.6 239.4

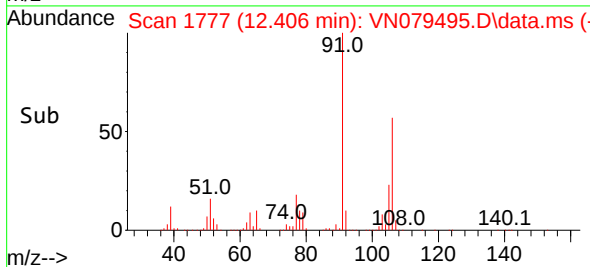
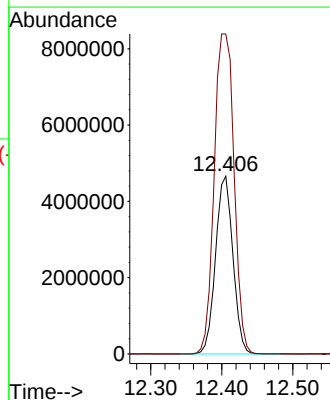
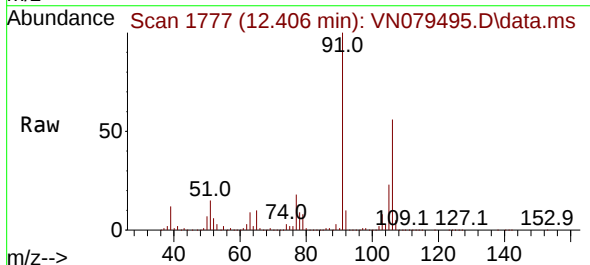
Manual Integrations
APPROVED

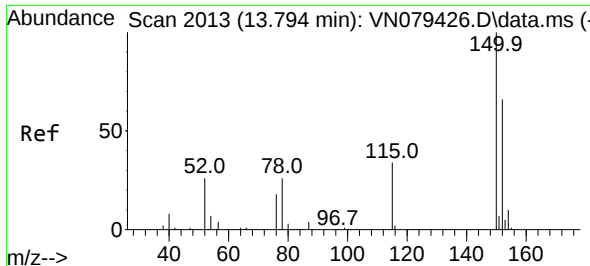
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/11/2023



#69
o-Xylene
Concen: 1034.360 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079495.D
Acq: 10 Oct 2023 16:01

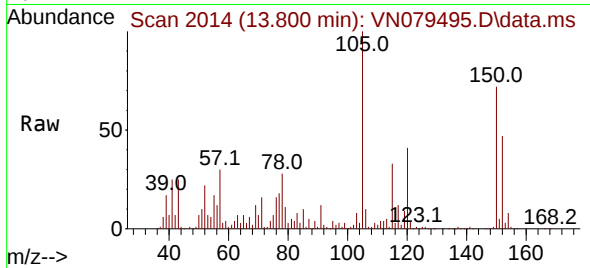
Tgt Ion:106 Resp: 7871795
Ion Ratio Lower Upper
106 100
91 206.0 105.2 315.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN079495.D
Acq: 10 Oct 2023 16:01

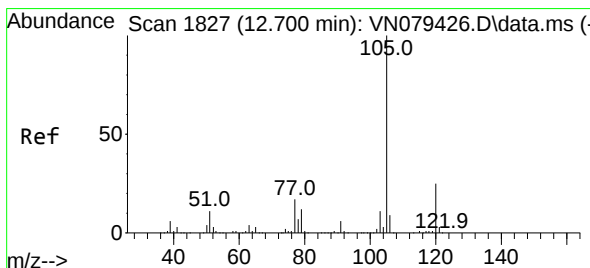
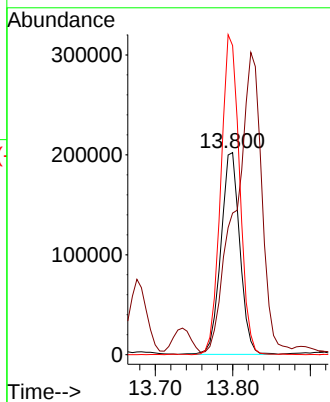
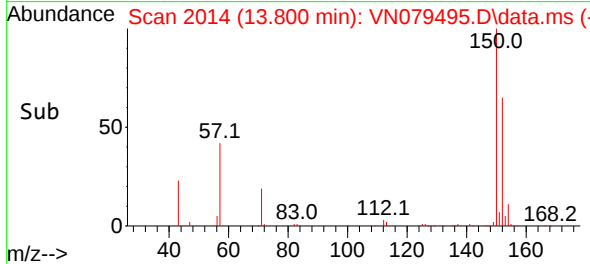
Instrument :
MSVOA_N
ClientSampleId :
1037



Tgt Ion:152 Resp: 343099
Ion Ratio Lower Upper
152 100
115 0.0 32.3 96.8
150 156.9 0.0 355.8

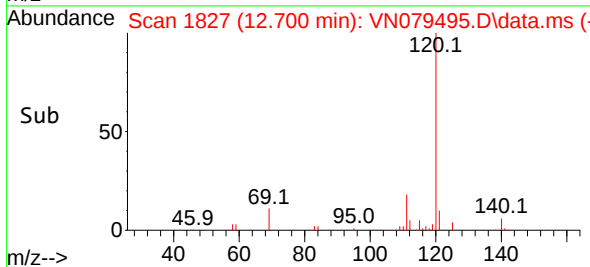
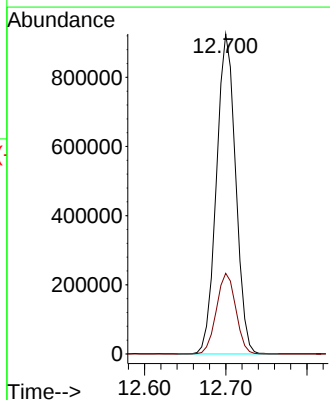
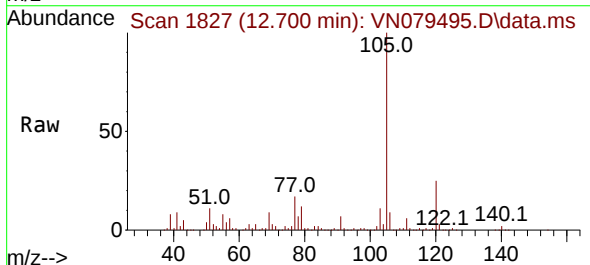
Manual Integrations
APPROVED

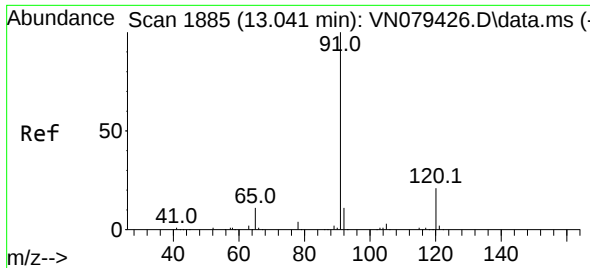
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/11/2023



#73
Isopropylbenzene
Concen: 47.625 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079495.D
Acq: 10 Oct 2023 16:01

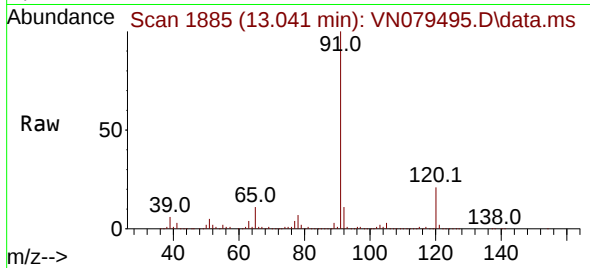
Tgt Ion:105 Resp: 1520156
Ion Ratio Lower Upper
105 100
120 25.4 13.1 39.1





#78
n-propylbenzene
Concen: 197.246 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079495.D
Acq: 10 Oct 2023 16:01

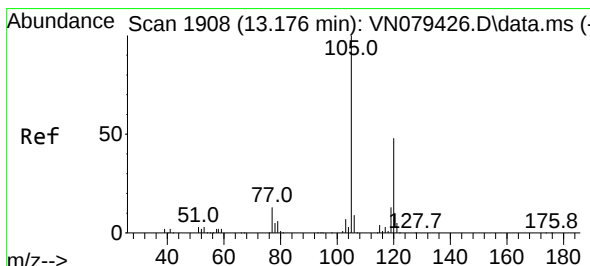
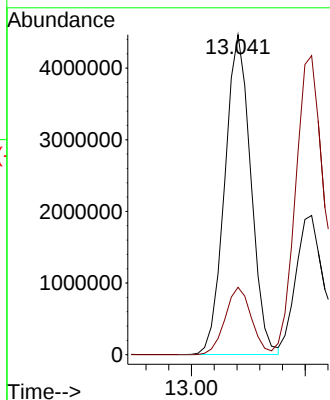
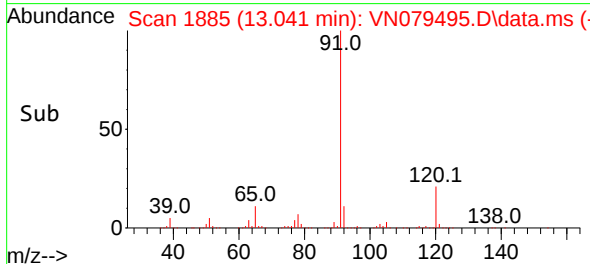
Instrument :
MSVOA_N
ClientSampleId :
1037



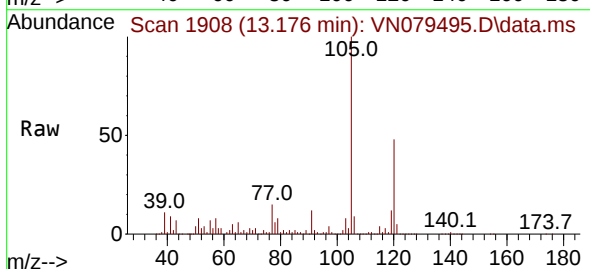
Tgt Ion: 91 Resp: 712333
Ion Ratio Lower Upper
91 100
120 21.2 11.5 34.4

Manual Integrations
APPROVED

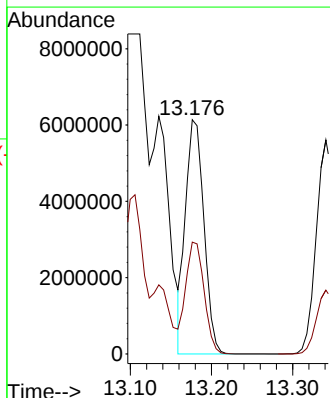
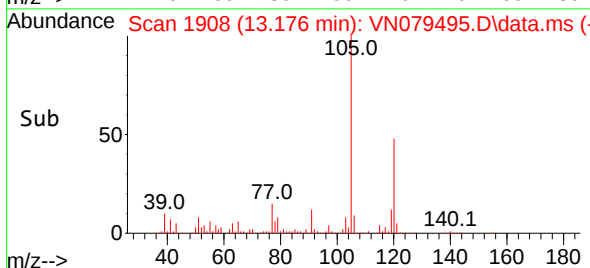
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/11/2023

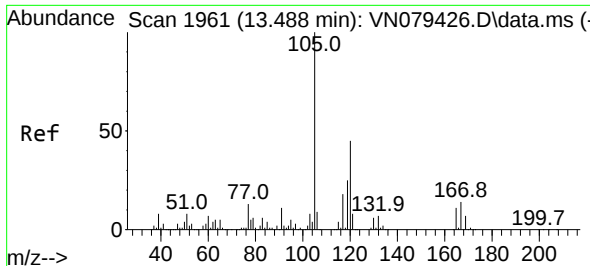


#80
1,3,5-Trimethylbenzene
Concen: 385.941 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079495.D
Acq: 10 Oct 2023 16:01



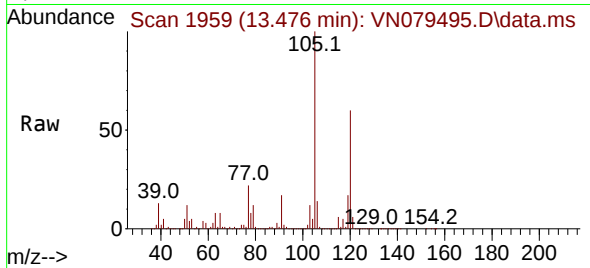
Tgt Ion:105 Resp: 9714126
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3





#84
1,2,4-Trimethylbenzene
Concen: 898.583 ug/l m
RT: 13.476 min Scan# 1961
Delta R.T. -0.012 min
Lab File: VN079495.D
Acq: 10 Oct 2023 16:01

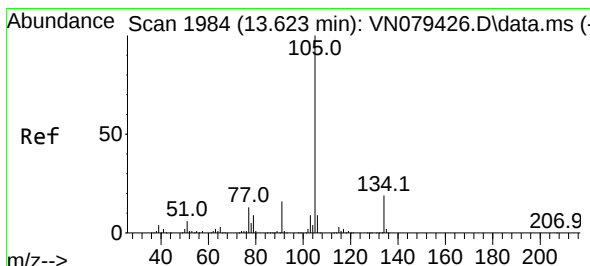
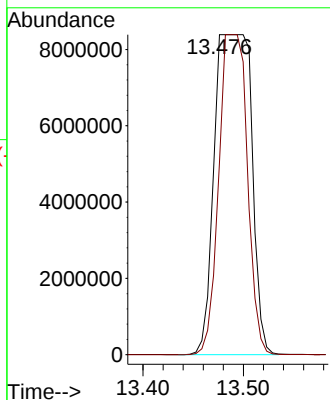
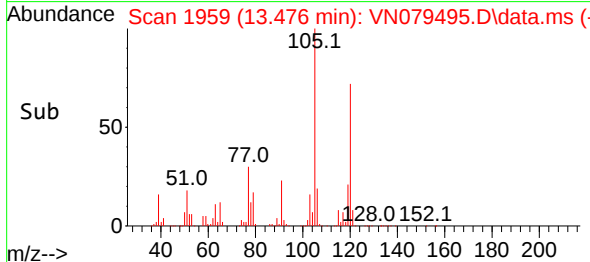
Instrument :
MSVOA_N
ClientSampleId :
1037



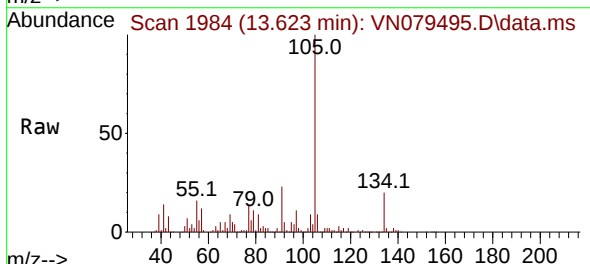
Tgt Ion:105 Resp:2158452
Ion Ratio Lower Upper
105 100
120 12.7 22.0 66.0

Manual Integrations
APPROVED

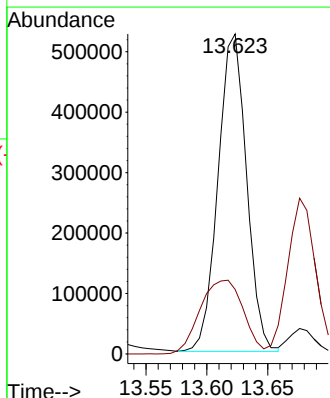
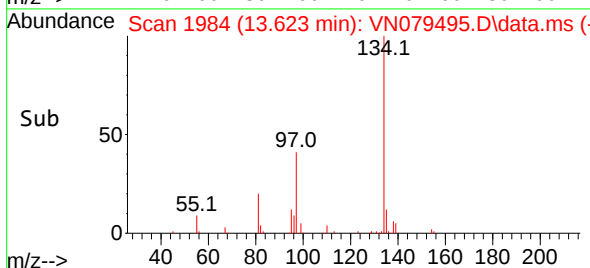
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/11/2023

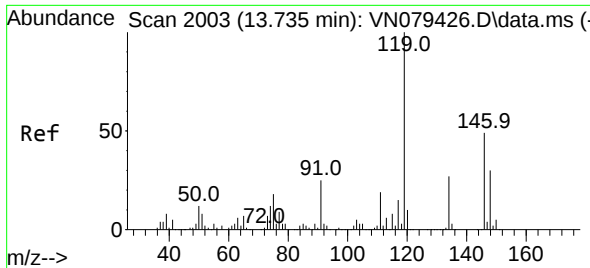


#85
sec-Butylbenzene
Concen: 29.794 ug/l
RT: 13.623 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN079495.D
Acq: 10 Oct 2023 16:01



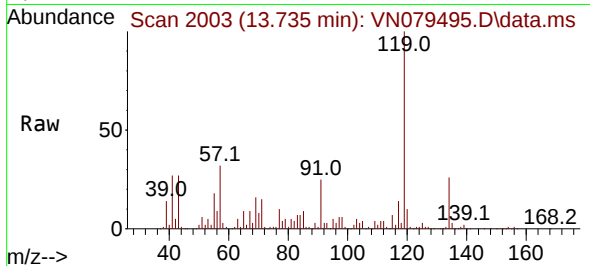
Tgt Ion:105 Resp: 856994
Ion Ratio Lower Upper
105 100
134 35.1 9.8 29.3





#86
p-Isopropyltoluene
Concen: 26.590 ug/l m
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN079495.D
Acq: 10 Oct 2023 16:01

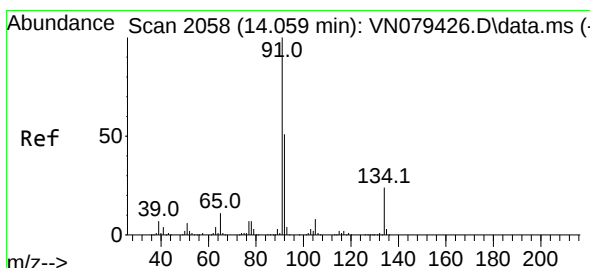
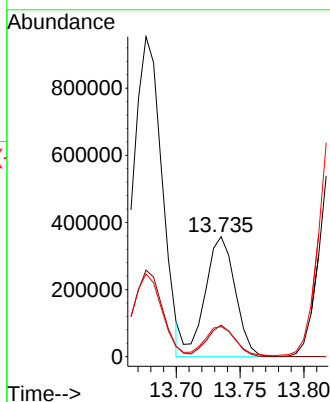
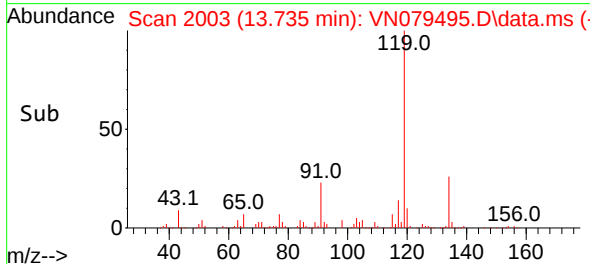
Instrument :
MSVOA_N
ClientSampleId :
1037



Tgt Ion:119 Resp: 586754
Ion Ratio Lower Upper
119 100
134 70.1 12.6 37.8
91 61.7 12.4 37.2

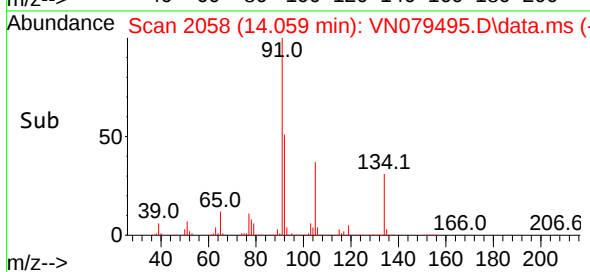
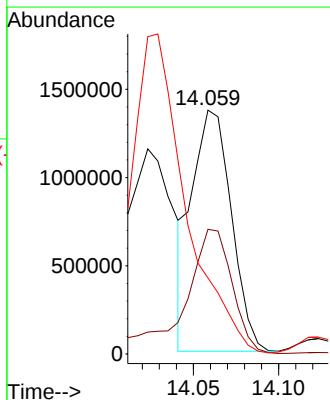
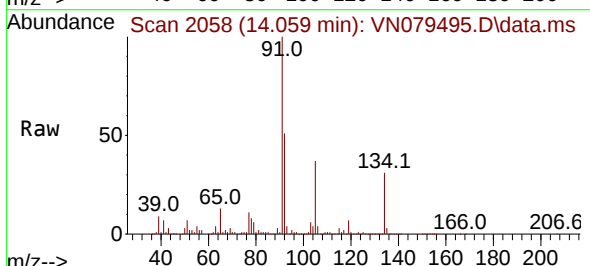
Manual Integrations
APPROVED

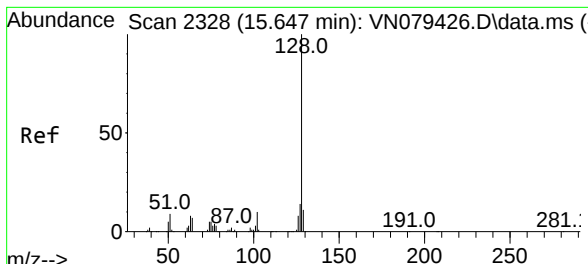
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/11/2023



#89
n-Butylbenzene
Concen: 124.960 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079495.D
Acq: 10 Oct 2023 16:01

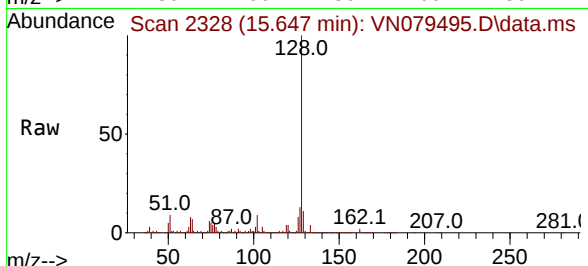
Tgt Ion: 91 Resp: 2201939
Ion Ratio Lower Upper
91 100
92 58.8 26.4 79.0
134 0.0 12.6 37.6





#95
 Naphthalene
 Concen: 654.313 ug/l
 RT: 15.647 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN079495.D
 Acq: 10 Oct 2023 16:01

Instrument :
 MSVOA_N
 ClientSampleId :
 1037



Tgt Ion:128 Resp: 749307
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.0 15.0
 129 11.5 8.7 13.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/10/2023
 Supervised By :Mahesh Dadoda 10/11/2023

