

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
 Data File : VX041198.D
 Acq On : 22 Apr 2024 18:29
 Operator : JC/MD
 Sample : P2189-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SILICA

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/23/2024
 Supervised By : Mahesh Dadoda 04/23/2024

Quant Time: Apr 23 05:40:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	209994	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	300923	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	277539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.030	152	168533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101523	50.787	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.580%			
35) Dibromofluoromethane	5.391	113	85285	46.592	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.180%			
50) Toluene-d8	8.647	98	349625	56.612	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 113.220%#			
62) 4-Bromofluorobenzene	11.079	95	141511	62.080	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 124.160%#			
Target Compounds						Qvalue
16) Acetone	2.398	43	2400419	3298.984	ug/l	90
18) Methyl Acetate	2.709	43	94025m	43.683	ug/l	
19) Methyl tert-butyl Ether	3.123	73	562348	102.788	ug/l #	79
20) Methylene Chloride	2.788	84	7317	4.117	ug/l #	84
25) 2-Butanone	4.574	43	84182	67.745	ug/l	97
40) Benzene	6.038	78	116989	16.173	ug/l	99
43) Isopropyl Acetate	6.348	43	112320	27.134	ug/l	99
52) Toluene	8.720	92	2111110	463.179	ug/l	98
67) Ethyl Benzene	10.195	91	353181	38.746	ug/l	97
68) m/p-Xylenes	10.299	106	416442	113.172	ug/l	91
69) o-Xylene	10.640	106	172688	48.252	ug/l	92
73) Isopropylbenzene	10.964	105	14901	1.421	ug/l	96
78) n-propylbenzene	11.305	91	36902	3.259	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	52681	6.039	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	194099	22.417	ug/l	94
85) sec-Butylbenzene	11.896	105	16636	1.542	ug/l	81
95) Naphthalene	13.774	128	10997	1.005	ug/l #	94

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

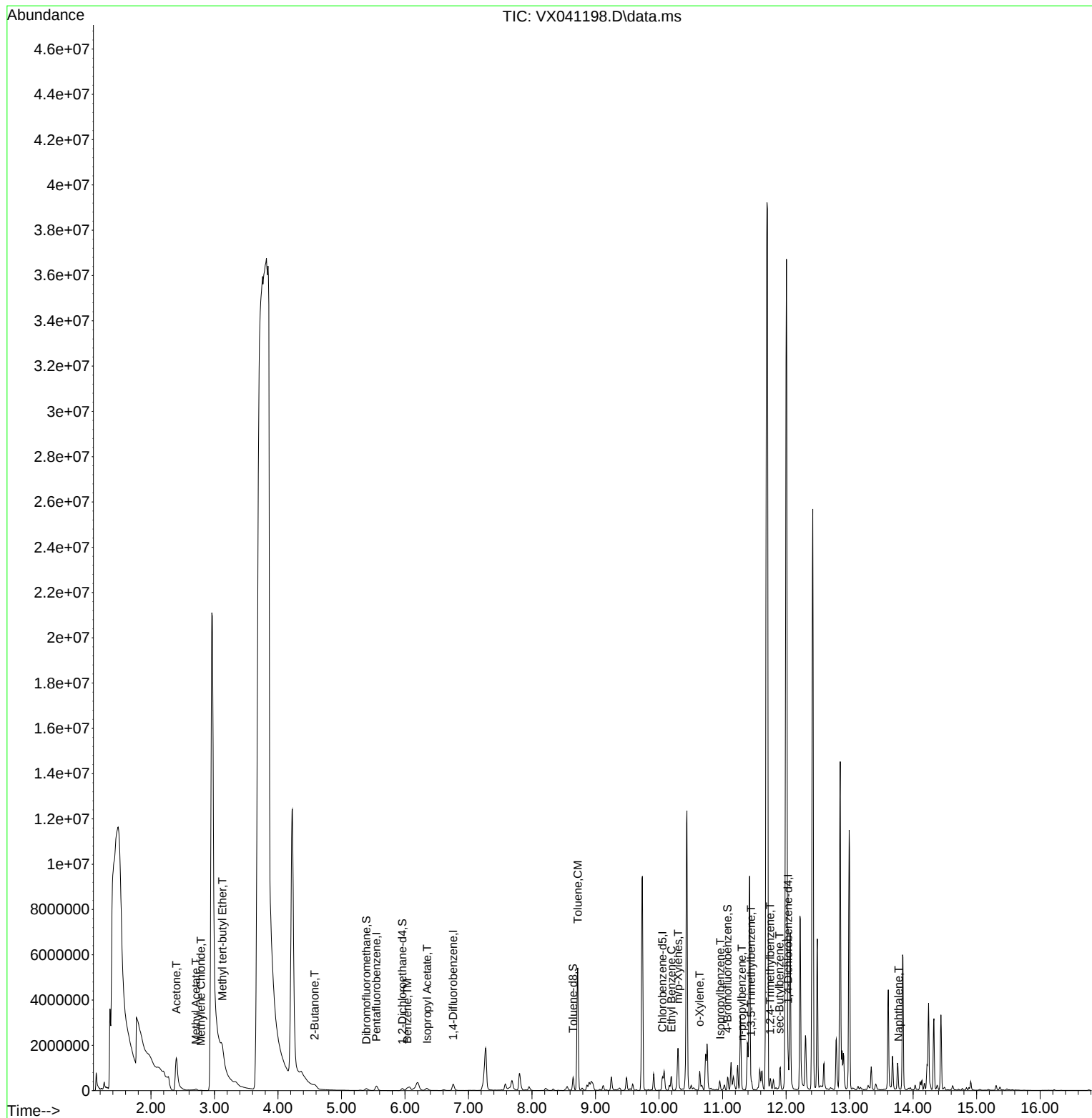
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
Data File : VX041198.D
Acq On : 22 Apr 2024 18:29
Operator : JC/MD
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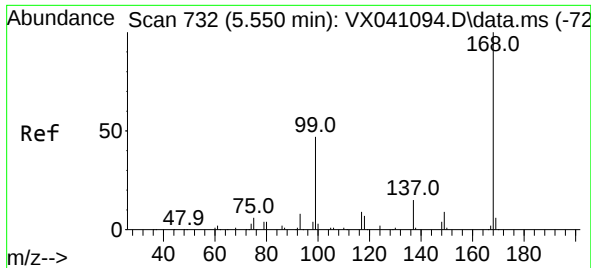
Instrument :
MSVOA_X
ClientSampleId :
SILICA

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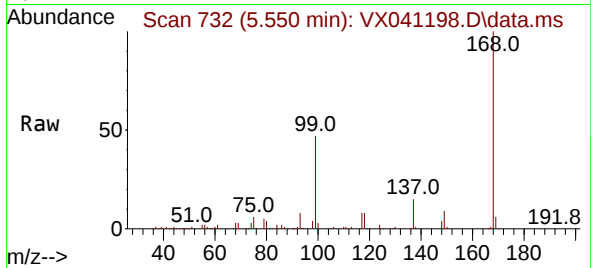
Quant Time: Apr 23 05:40:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

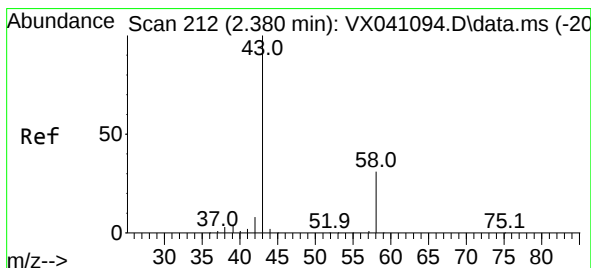
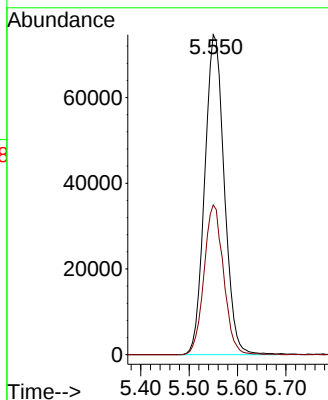
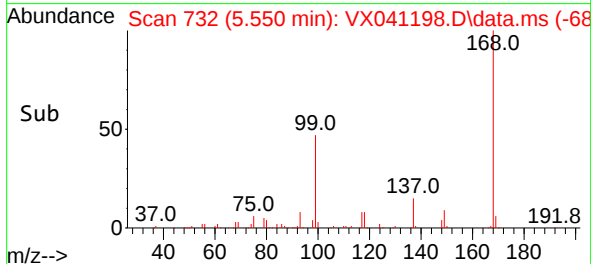
Instrument :
MSVOA_X
ClientSampleId :
SILICA



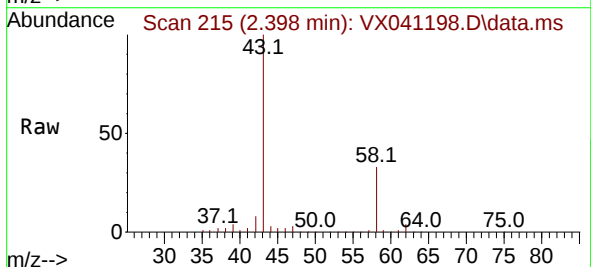
Tgt Ion:168 Resp: 209994
Ion Ratio Lower Upper
168 100
99 46.8 56.6 85.0

Manual Integrations
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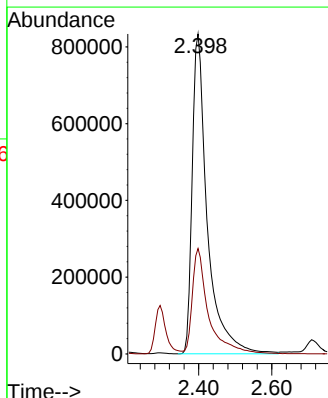
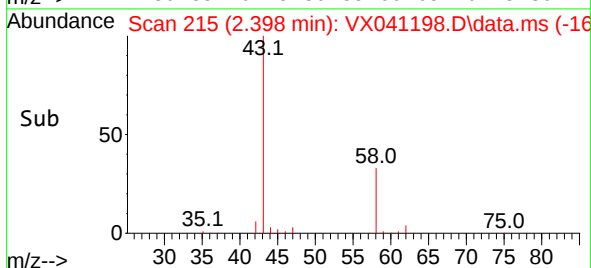
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

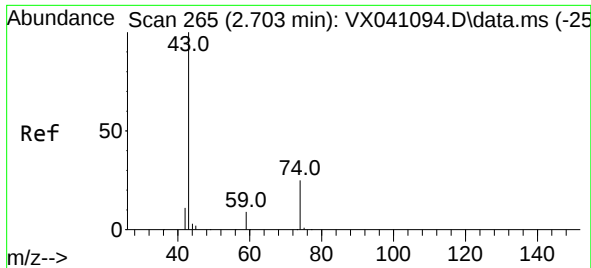


#16
Acetone
Concen: 3298.984 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29



Tgt Ion: 43 Resp: 2400419
Ion Ratio Lower Upper
43 100
58 32.8 21.9 32.9





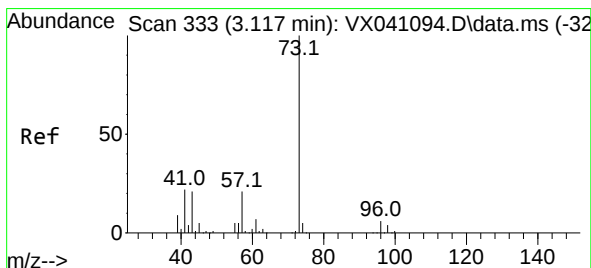
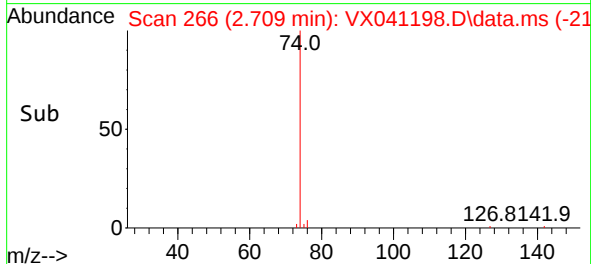
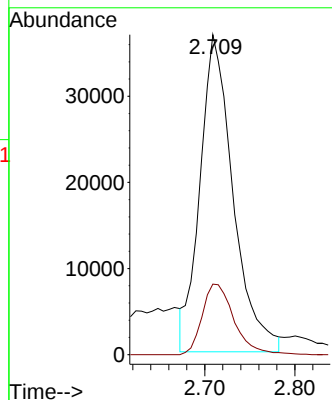
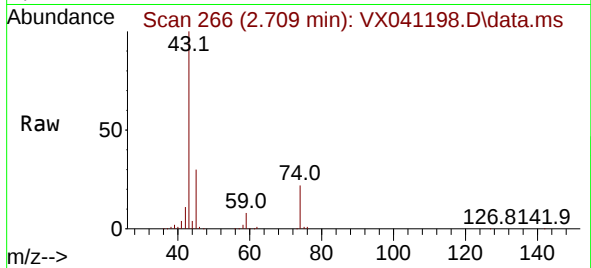
#18
Methyl Acetate
Concen: 43.683 ug/l m
RT: 2.709 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 43 Resp: 94025
Ion Ratio Lower Upper
43 100
74 29.0 17.8 26.8

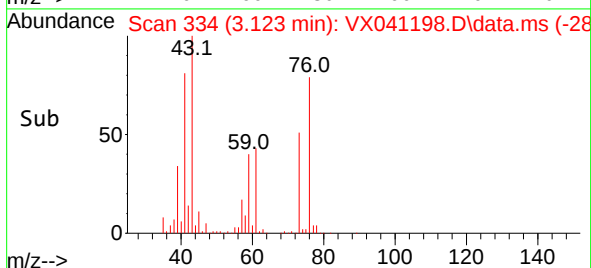
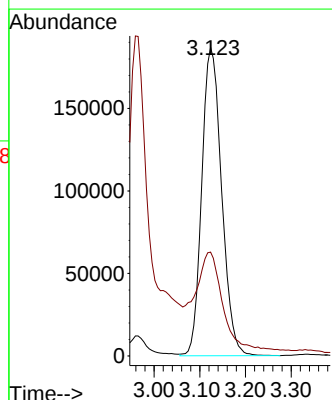
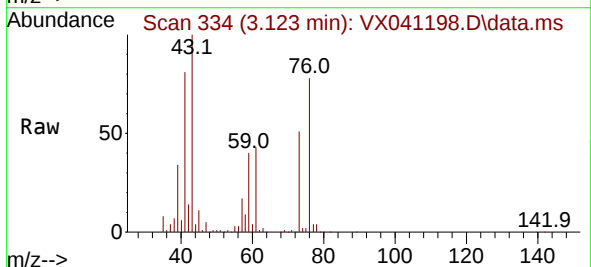
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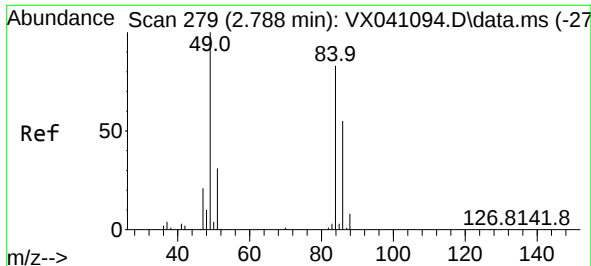
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#19
Methyl tert-butyl Ether
Concen: 102.788 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

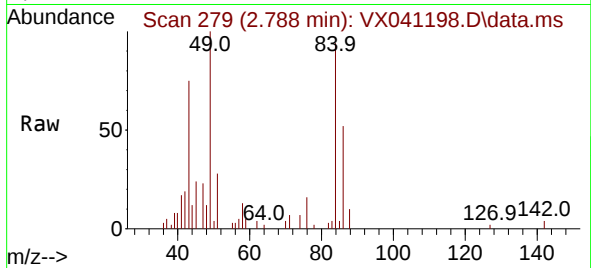
Tgt Ion: 73 Resp: 562348
Ion Ratio Lower Upper
73 100
57 31.7 17.3 25.9





#20
Methylene Chloride
Concen: 4.117 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

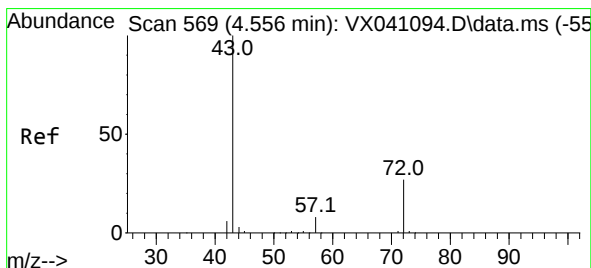
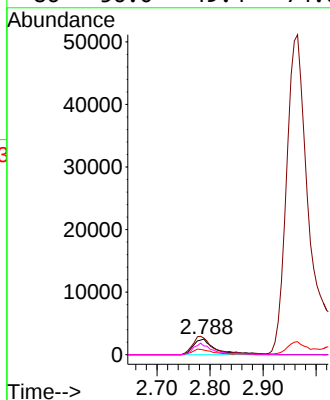
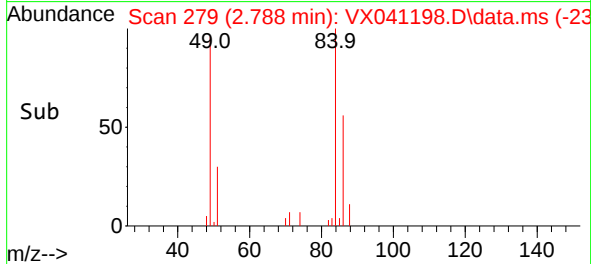
Instrument :
MSVOA_X
ClientSampleId :
SILICA



Tgt Ion: 84	Resp: 731
Ion Ratio	Lower Upper
84	100
49	106.9 103.6 155.4
51	29.5 33.8 50.6
86	56.0 49.4 74.0

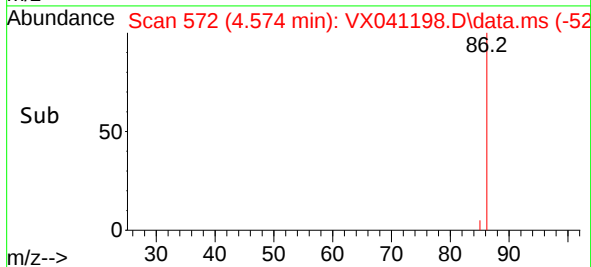
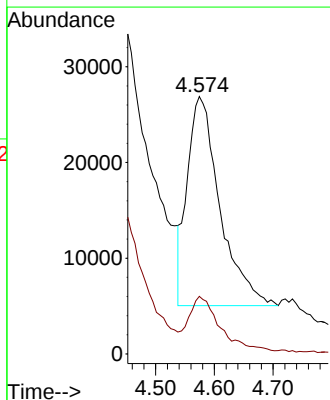
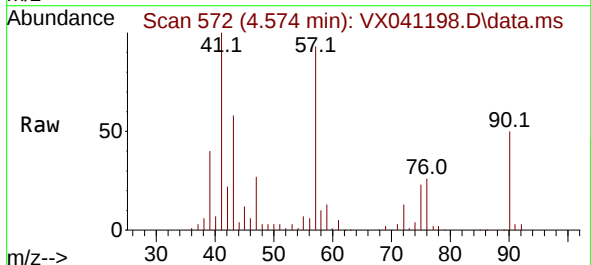
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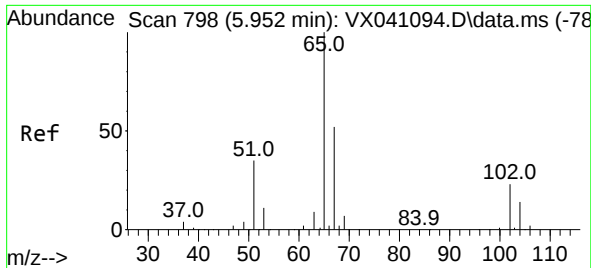
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#25
2-Butanone
Concen: 67.745 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

Tgt Ion: 43	Resp: 84182
Ion Ratio	Lower Upper
43	100
72	26.0 19.4 29.2





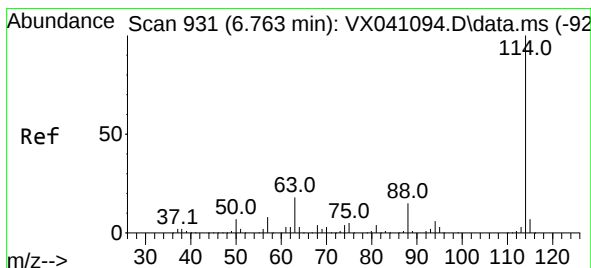
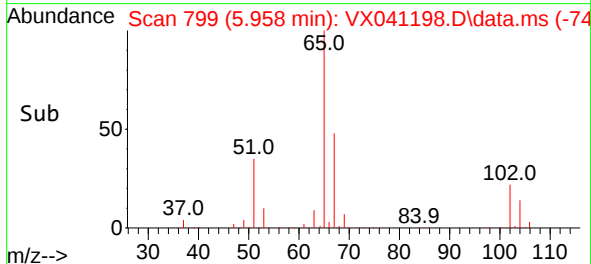
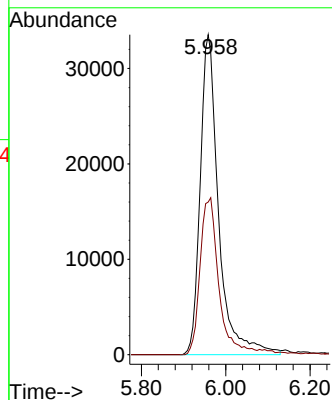
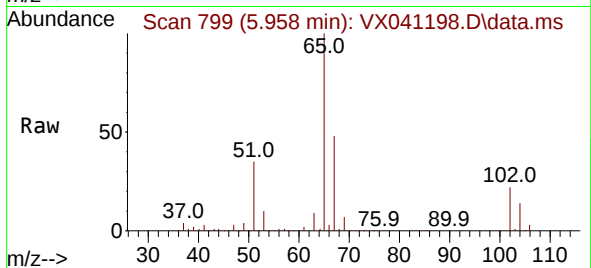
#33
1,2-Dichloroethane-d4
Concen: 50.787 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

Instrument :
MSVOA_X
ClientSampleId :
SILICA

Tgt Ion: 65 Resp: 10152
Ion Ratio Lower Upper
65 100
67 49.9 0.0 100.2

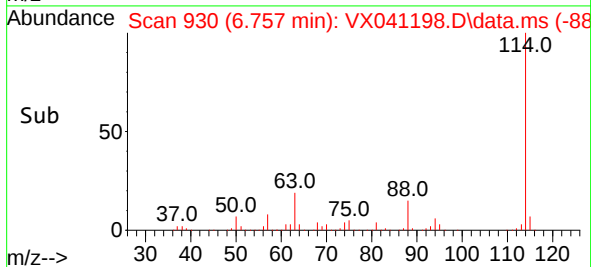
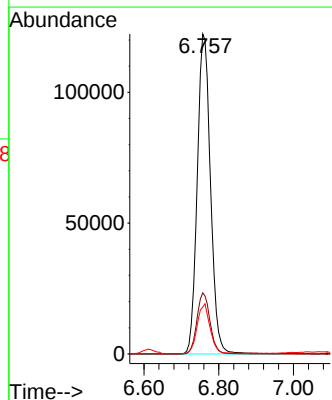
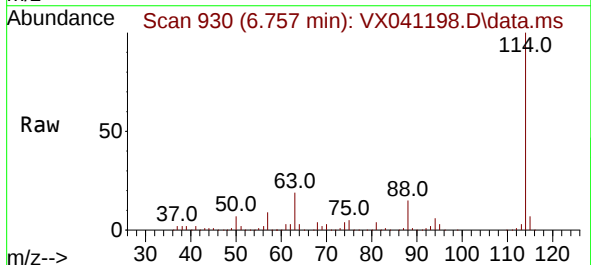
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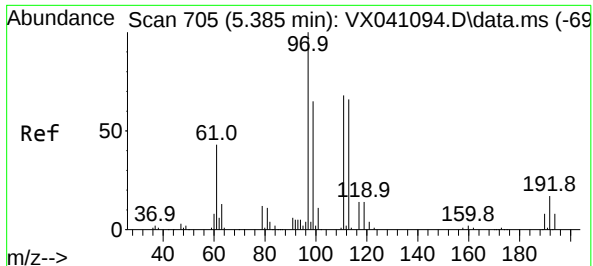
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

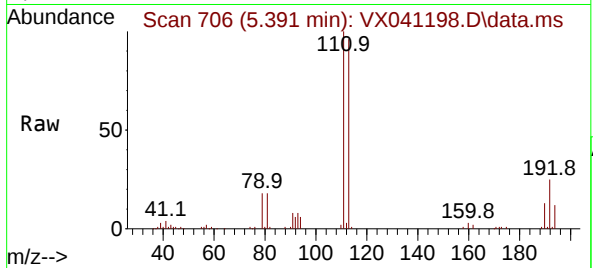
Tgt Ion:114 Resp: 300923
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 14.5 0.0 36.6





#35
Dibromofluoromethane
Concen: 46.592 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

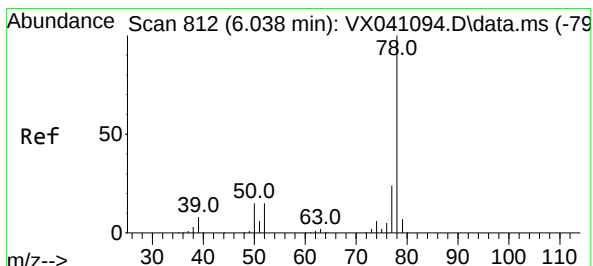
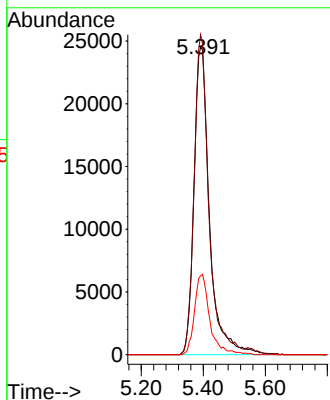
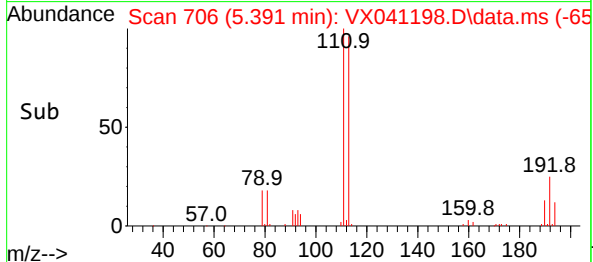
Instrument :
MSVOA_X
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SILICA



Tgt Ion:113 Resp: 85285
Ion Ratio Lower Upper
113 100
111 99.3 82.9 124.3
192 25.8 13.3 19.9

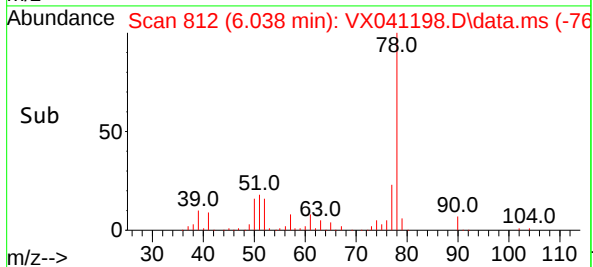
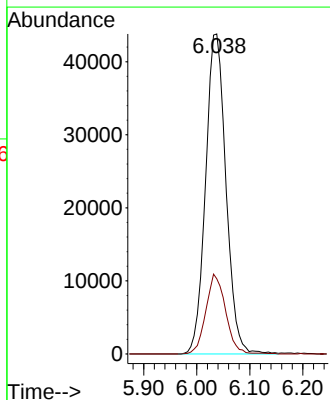
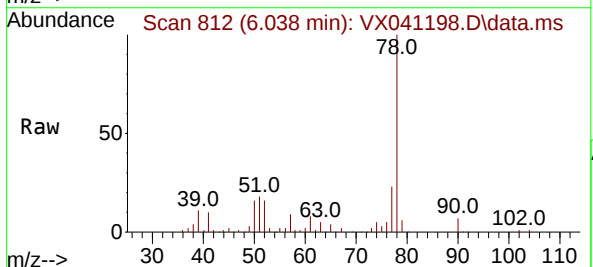
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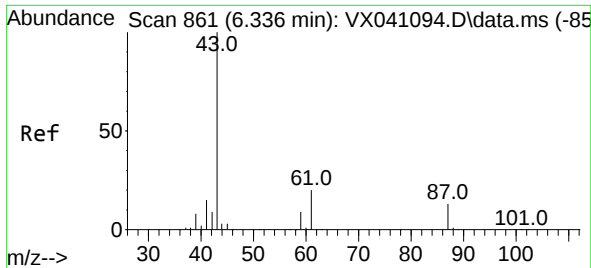
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#40
Benzene
Concen: 16.173 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

Tgt Ion: 78 Resp: 116989
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9





#43

Isopropyl Acetate

Concen: 27.134 ug/l

RT: 6.348 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX041198.D

Acq: 22 Apr 2024 18:29

Instrument :

MSVOA_X

ClientSampleId :

SILICA

Tgt Ion: 43 Resp: 112320

Ion Ratio Lower Upper

43 100

61 18.2 15.2 22.8

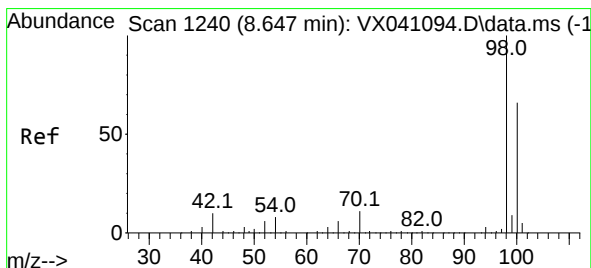
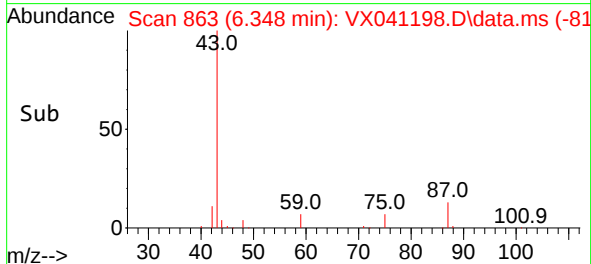
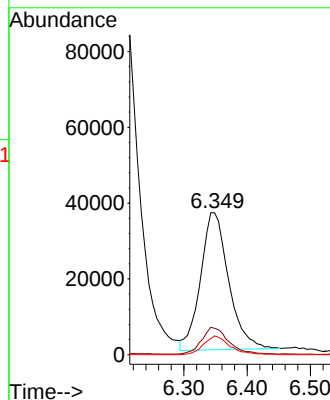
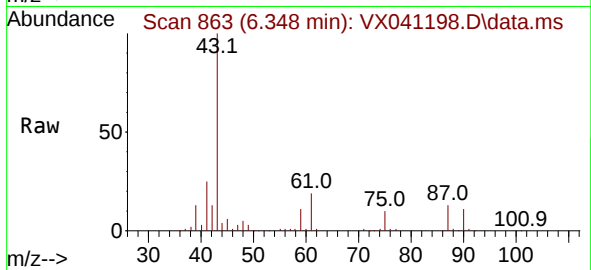
87 12.6 9.8 14.6

Manual Integrations

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Supervised By :Mahesh Dadoda 04/23/2024



#50

Toluene-d8

Concen: 56.612 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041198.D

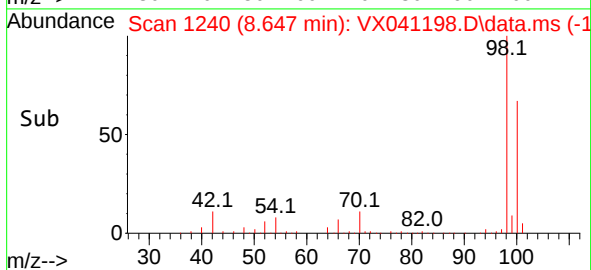
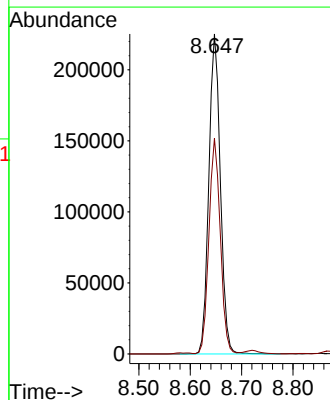
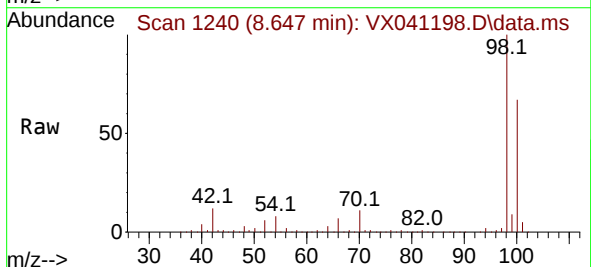
Acq: 22 Apr 2024 18:29

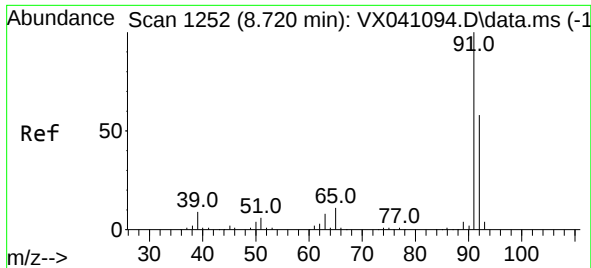
Tgt Ion: 98 Resp: 349625

Ion Ratio Lower Upper

98 100

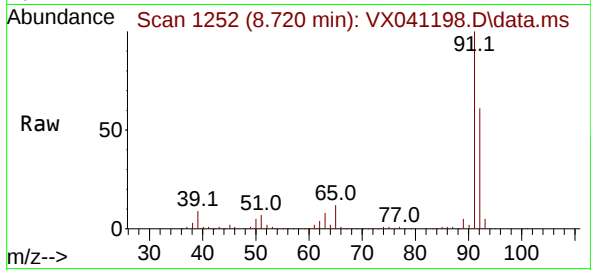
100 66.3 53.1 79.7





#52
Toluene
Concen: 463.179 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

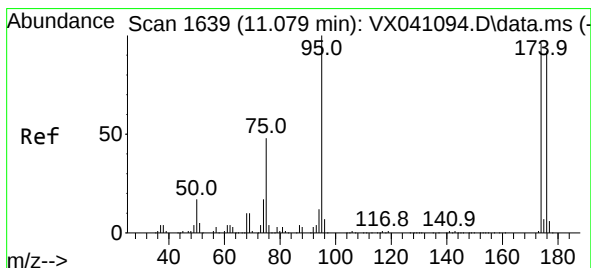
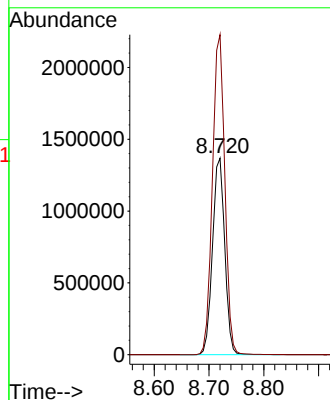
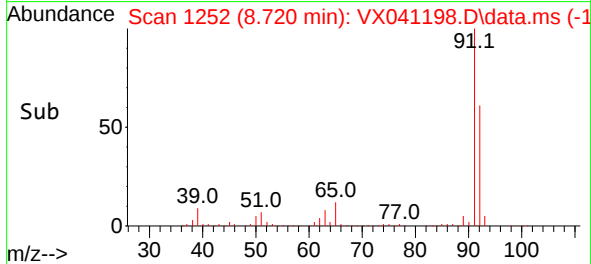
Instrument :
MSVOA_X
ClientSampleId :
SILICA



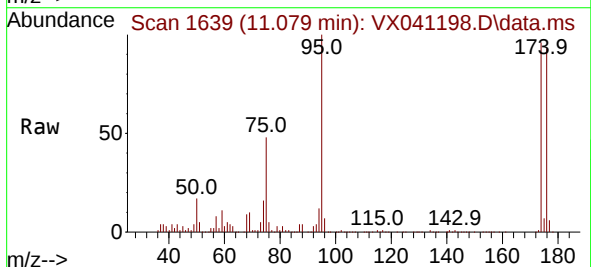
Tgt Ion: 92 Resp: 2111110
Ion Ratio Lower Upper
92 100
91 164.8 134.2 201.2

Manual Integrations
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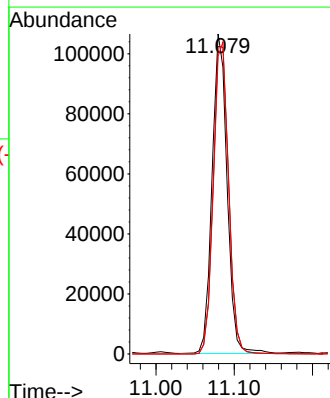
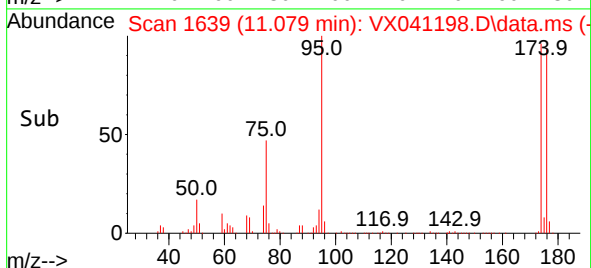
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

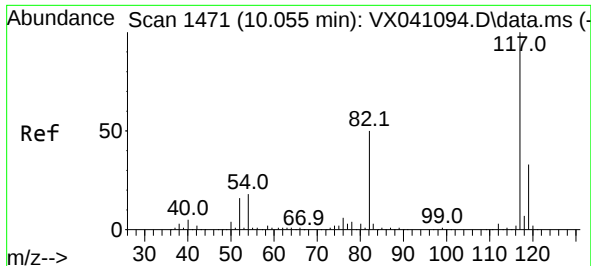


#62
4-Bromofluorobenzene
Concen: 62.080 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29



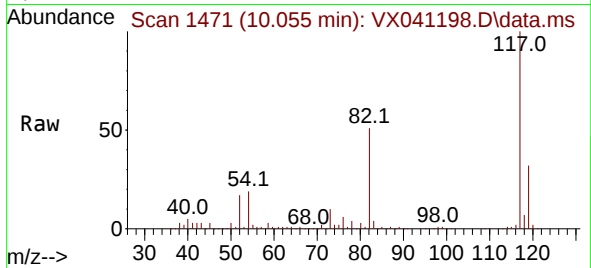
Tgt Ion: 95 Resp: 141511
Ion Ratio Lower Upper
95 100
174 100.1 0.0 135.6
176 98.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

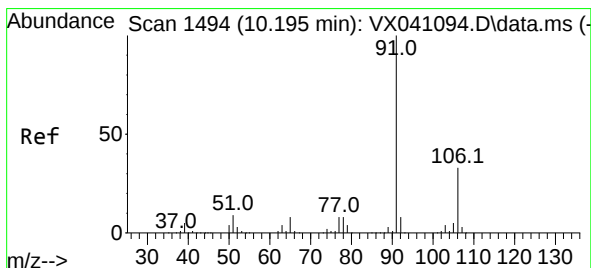
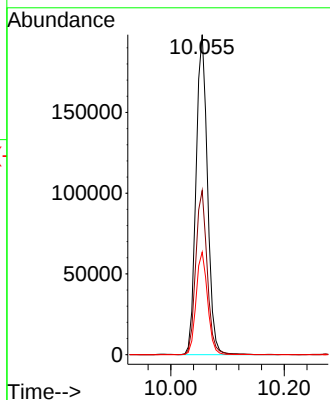
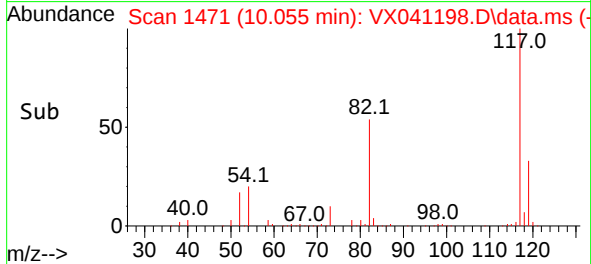
Instrument :
MSVOA_X
ClientSampleId :
SILICA



Tgt Ion:117 Resp: 277539
Ion Ratio Lower Upper
117 100
82 51.2 46.2 69.4
119 32.1 25.5 38.3

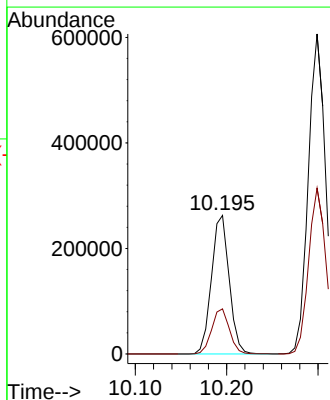
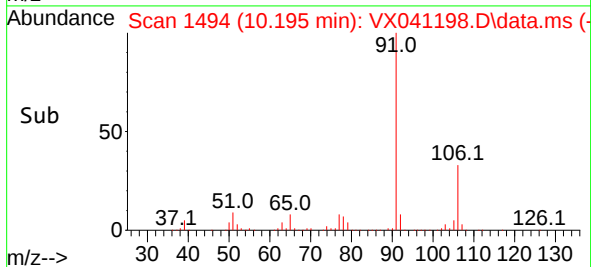
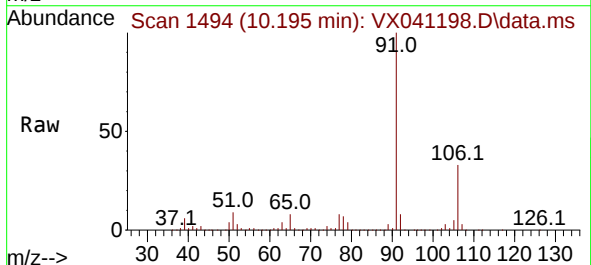
Manual Integrations
APPROVED

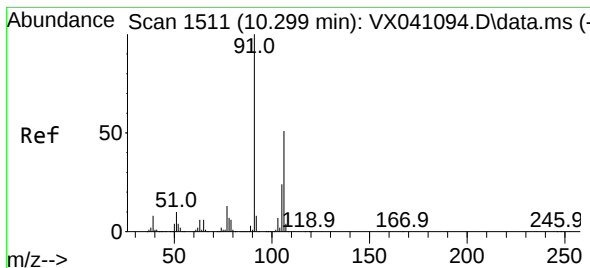
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#67
Ethyl Benzene
Concen: 38.746 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

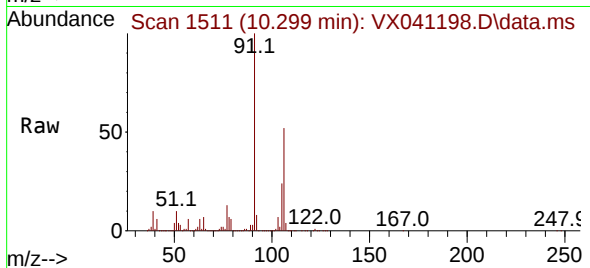
Tgt Ion: 91 Resp: 353181
Ion Ratio Lower Upper
91 100
106 32.6 24.9 37.3





#68
m/p-Xylenes
Concen: 113.172 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

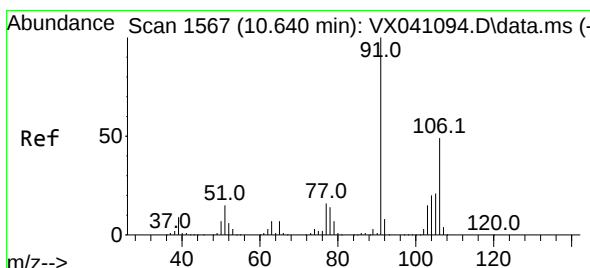
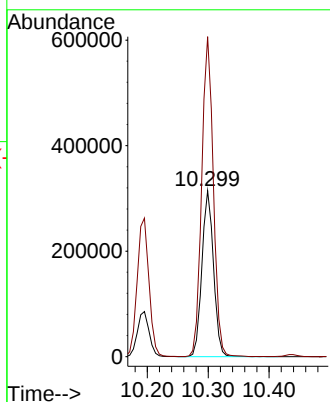
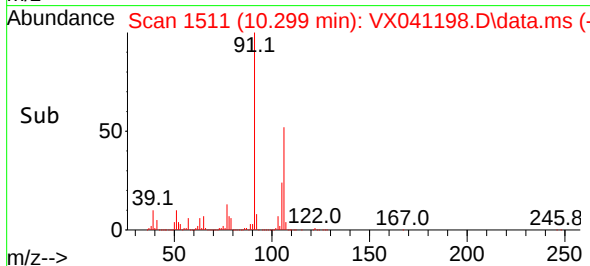
Instrument :
MSVOA_X
ClientSampleId :
SILICA



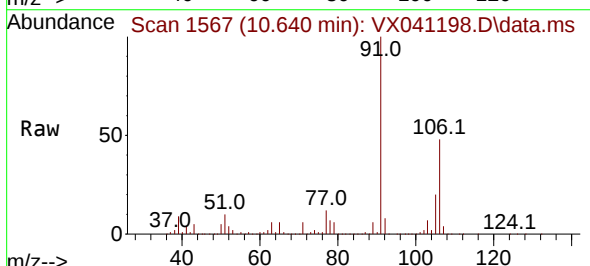
Tgt Ion:106 Resp: 41644
Ion Ratio Lower Upper
106 100
91 193.6 165.5 248.3

Manual Integrations
APPROVED

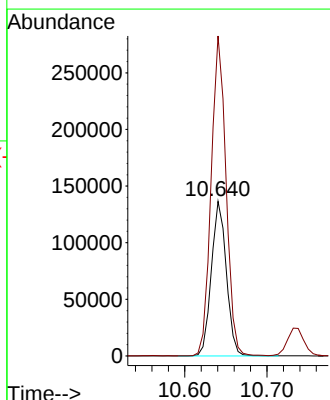
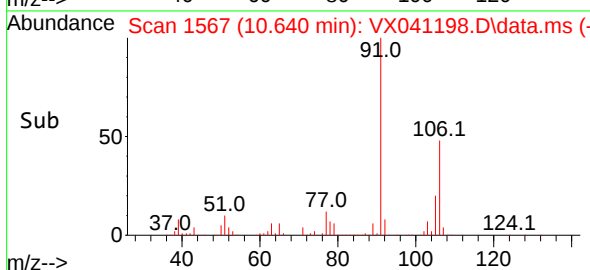
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

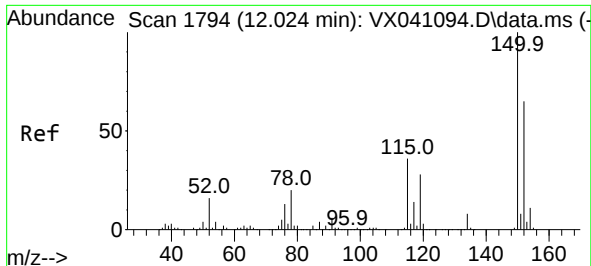


#69
o-Xylene
Concen: 48.252 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29



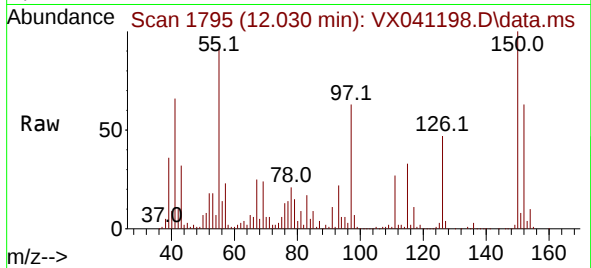
Tgt Ion:106 Resp: 172688
Ion Ratio Lower Upper
106 100
91 205.7 108.9 326.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.030 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

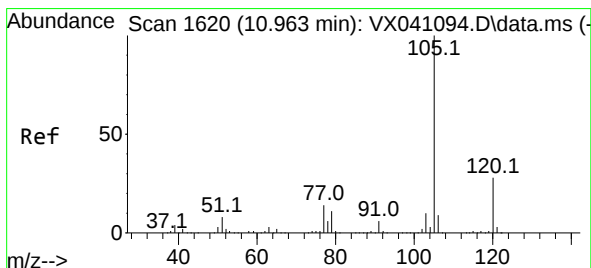
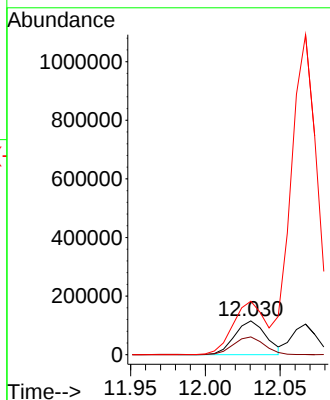
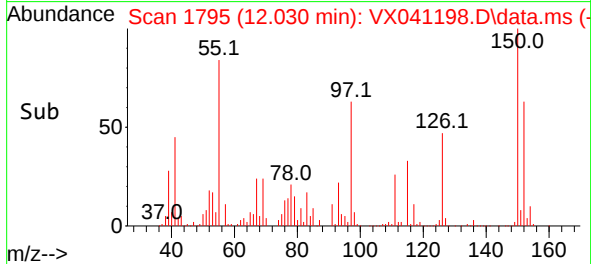
Instrument :
MSVOA_X
ClientSampleId :
SILICA



Tgt Ion:152 Resp: 16853
Ion Ratio Lower Upper
152 100
115 51.5 43.3 129.9
150 160.0 0.0 345.0

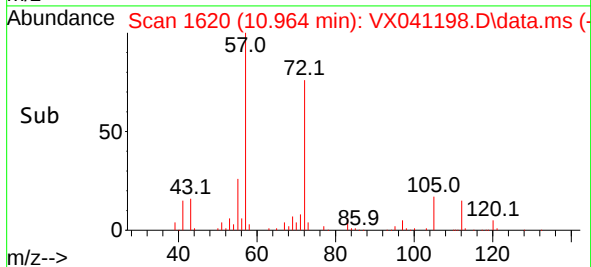
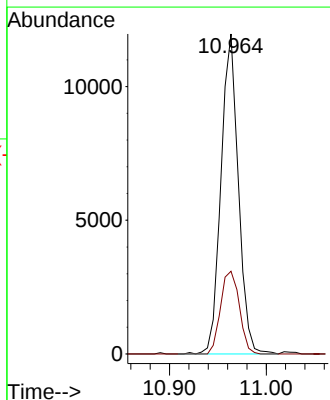
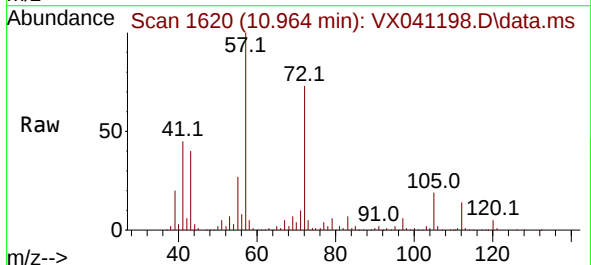
Manual Integrations
APPROVED

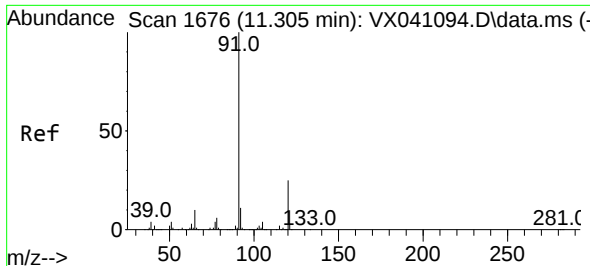
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#73
Isopropylbenzene
Concen: 1.421 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

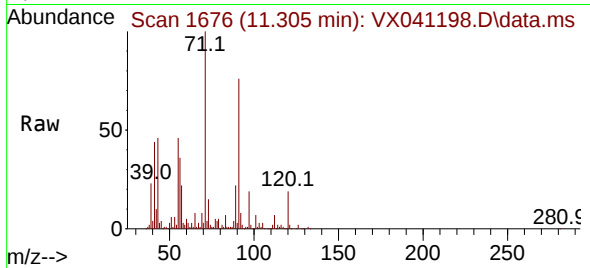
Tgt Ion:105 Resp: 14901
Ion Ratio Lower Upper
105 100
120 27.9 12.9 38.6





#78
n-propylbenzene
Concen: 3.259 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

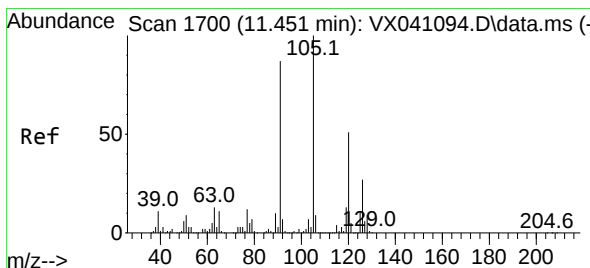
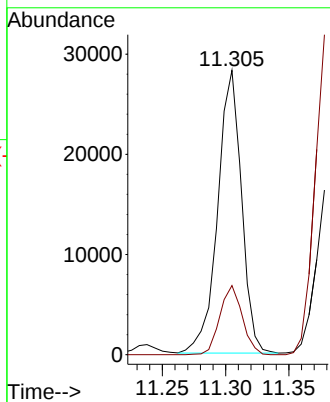
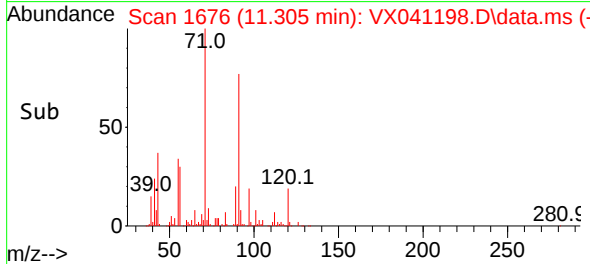
Instrument :
MSVOA_X
ClientSampleId :
SILICA



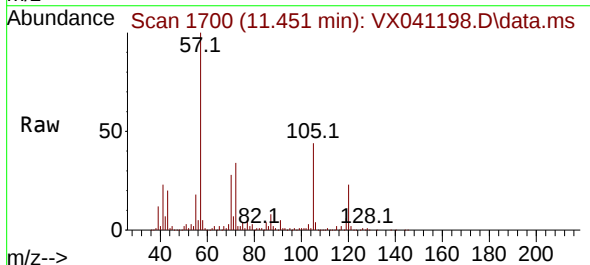
Tgt Ion: 91 Resp: 3690
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4

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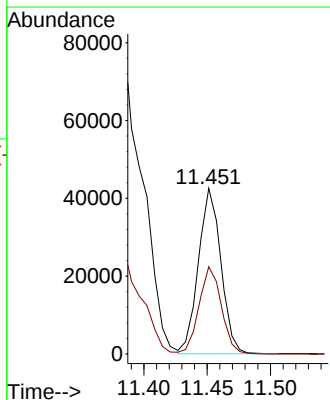
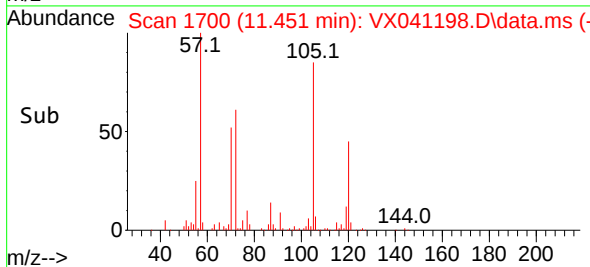
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

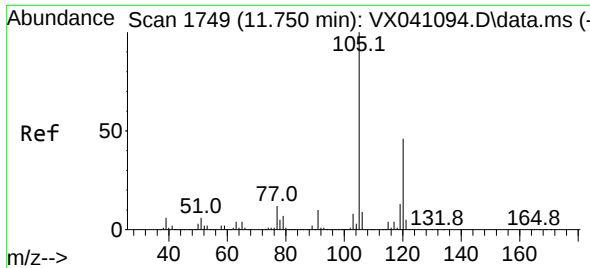


#80
1,3,5-Trimethylbenzene
Concen: 6.039 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29



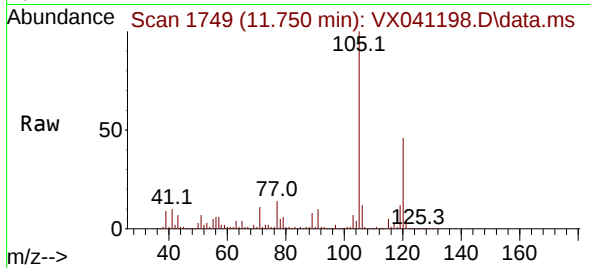
Tgt Ion:105 Resp: 52681
Ion Ratio Lower Upper
105 100
120 52.4 24.1 72.3





#84
1,2,4-Trimethylbenzene
Concen: 22.417 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

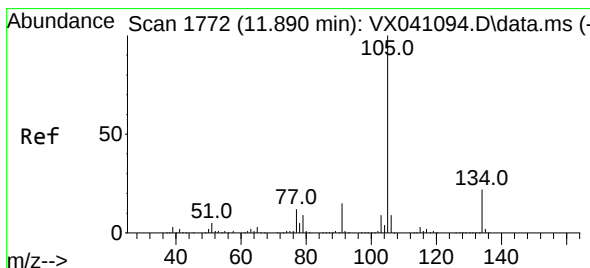
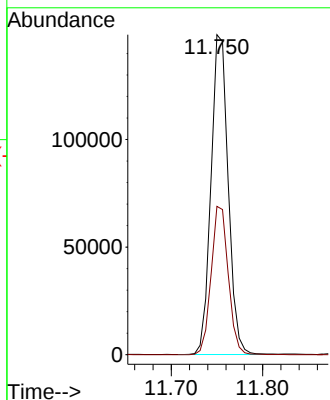
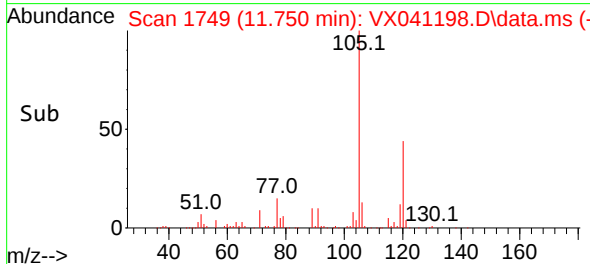
Instrument :
MSVOA_X
ClientSampleId :
SILICA



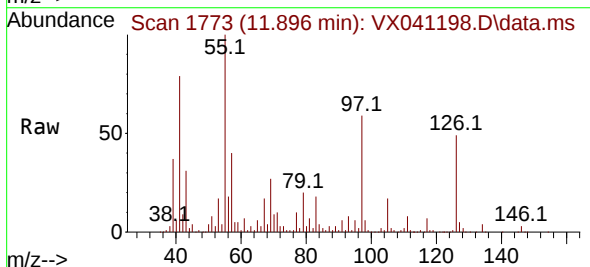
Tgt Ion:105 Resp: 194099
Ion Ratio Lower Upper
105 100
120 46.2 21.2 63.6

Manual Integrations
APPROVED

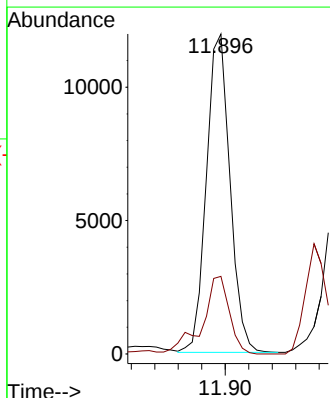
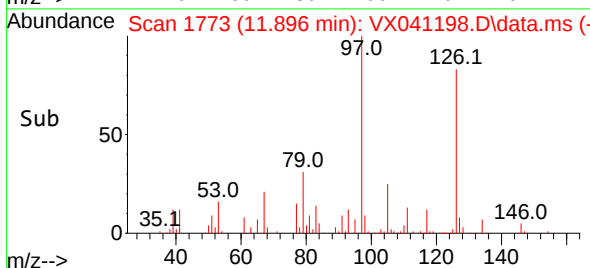
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

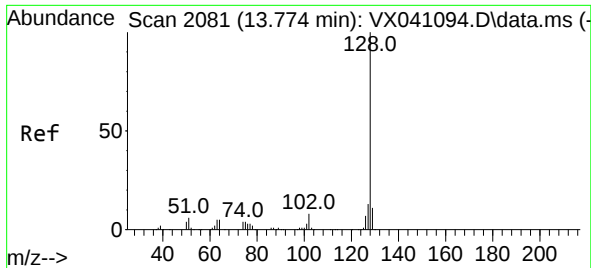


#85
sec-Butylbenzene
Concen: 1.542 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29



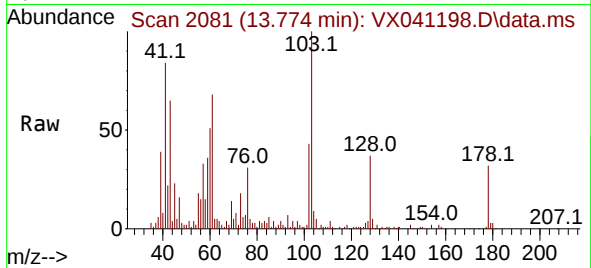
Tgt Ion:105 Resp: 16636
Ion Ratio Lower Upper
105 100
134 28.1 9.8 29.4





#95
Naphthalene
Concen: 1.005 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

Instrument :
MSVOA_X
ClientSampleId :
SILICA



Tgt Ion:	128	Resp:	1099
Ion Ratio	Lower	Upper	
128	100		
127	14.5	10.3	15.5
129	14.3	8.8	13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

