

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
 Data File : VW027110.D
 Acq On : 14 Sep 2023 18:16
 Operator : SY/MD
 Sample : 04417-18
 Misc : 5.36g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZYN4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023

Quant Time: Sep 15 00:17:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 09 02:59:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	874598	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.635	117	589614	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	170181	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	149229	9.551	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery =	38.200%		
7) Chloroethane-d5	2.893	69	145804	11.562	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	46.240%		
11) 1,1-Dichloroethene-d2	4.015	65	66880	11.614	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	46.440%		
21) 2-Butanone-d5	7.087	46	45871m	15.236	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	30.480%		
24) Chloroform-d	7.673	84	27241	1.047	ug/L	0.02
Spiked Amount 25.000	Range 40 - 150		Recovery =	4.200%#		
26) 1,2-Dichloroethane-d4	8.307	65	197083m	14.407	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	57.640%#		
32) Benzene-d6	8.270	84	853934	22.080	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.320%		
36) 1,2-Dichloropropane-d6	9.276	67	287787	25.347	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	101.400%		
41) Toluene-d8	10.318	98	660870	18.874	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	75.480%		
43) trans-1,3-Dichloroprop...	10.575	79	53409	12.122	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	48.480%		
47) 2-Hexanone-d5	10.928	63	13056m	12.317	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	24.640%		
56) 1,1,2,2-Tetrachloroeth...	0.000	84	0d	0.000	ug/L	
Spiked Amount 25.000	Range 45 - 120		Recovery =	0.000%#		
66) 1,2-Dichlorobenzene-d4	13.848	152	149931	25.473	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	101.880%		
Target Compounds						Qvalue
13) Acetone	4.118	43	43435	16.477	ug/L	97
14) Carbon disulfide	4.381	76	55563	1.402	ug/L	99
22) 2-Butanone	7.154	43	22196m	5.233	ug/L	
25) Chloroform	7.679	83	411256	16.447	ug/L	96
29) Cyclohexane	7.953	56	83971	5.462	ug/L	97
33) Benzene	8.325	78	131801	3.269	ug/L	100
34) Trichloroethene	9.093	95	197887	19.100	ug/L	94
35) Methylcyclohexane	9.337	83	337587	19.178	ug/L	98
42) Toluene	10.386	91	133049	3.206	ug/L	100
52) Ethylbenzene	11.727	91	79235	1.722	ug/L	98
53) m,p-Xylene	11.836	106	112134	6.444	ug/L	98
54) o-Xylene	12.166	106	72097	4.428	ug/L	86
60) Isopropylbenzene	12.464	105	17720	0.760	ug/L #	96
62) 1,3,5-Trimethylbenzene	12.940	105	99364	5.341	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	271406	14.923	ug/L	99

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

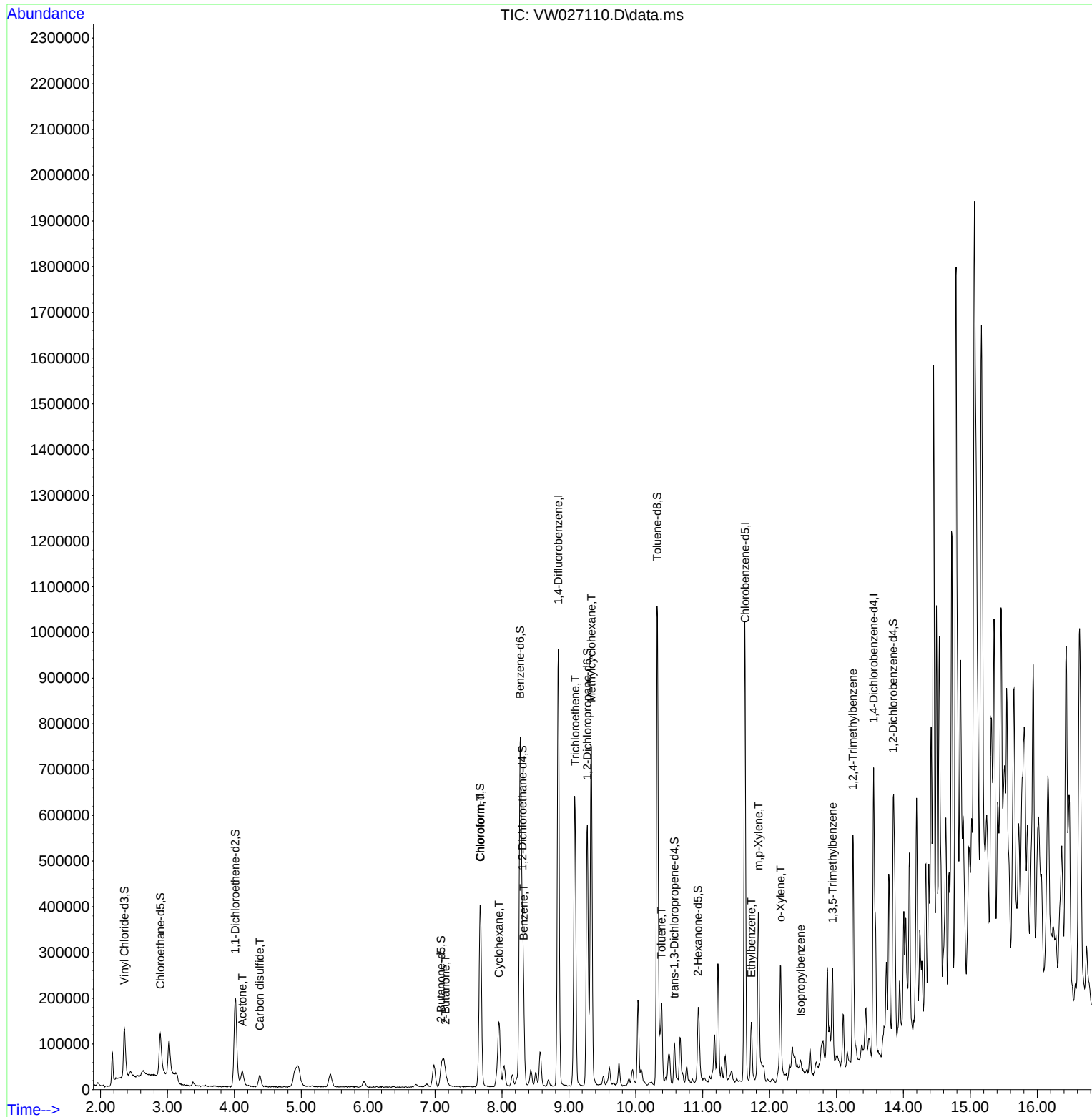
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
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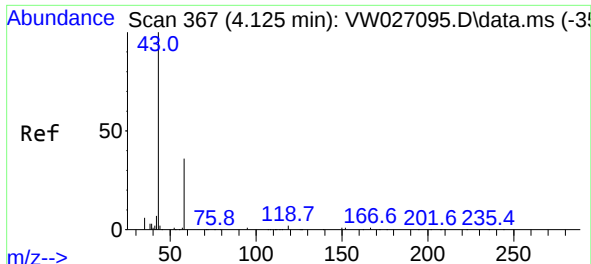
Instrument :
MSVOA_W
ClientSampleId :
EZYN4

Quant Time: Sep 15 00:17:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Sep 09 02:59:49 2023
Response via : Initial Calibration

Manual Integrations
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Supervised By :Mahesh Dadoda 09/15/2023





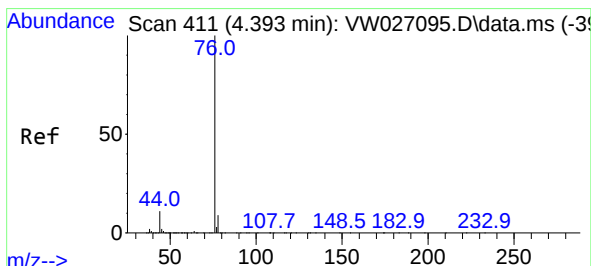
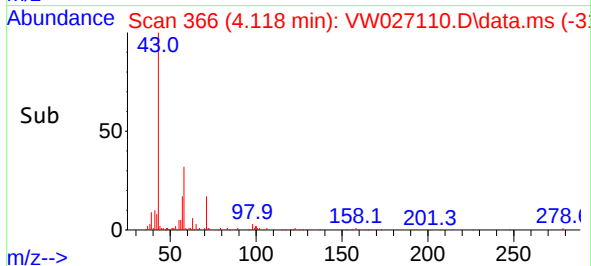
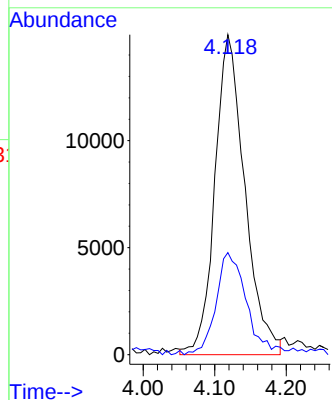
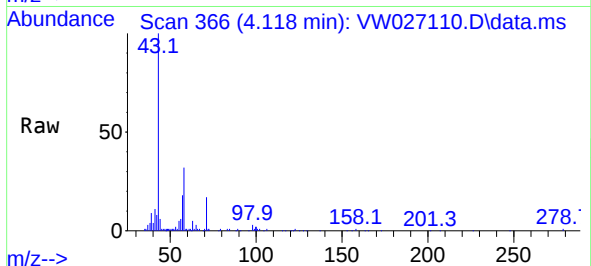
#13
Acetone
Concen: 16.477 ug/L
RT: 4.118 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW027110.D
Acq: 14 Sep 2023 18:16

Instrument :
MSVOA_W
ClientSampleId :
EZYN4

Tgt Ion: 43 Resp: 4343
Ion Ratio Lower Upper
43 100
58 31.6 0.0 66.4

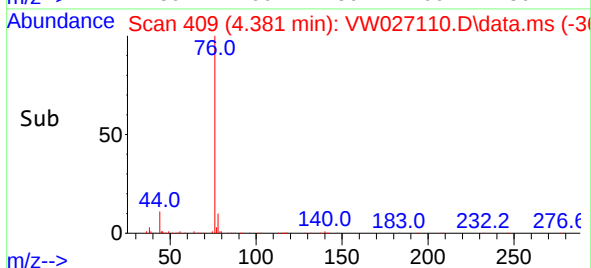
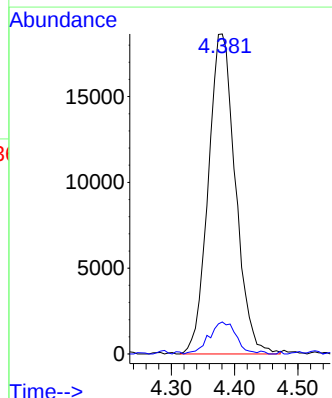
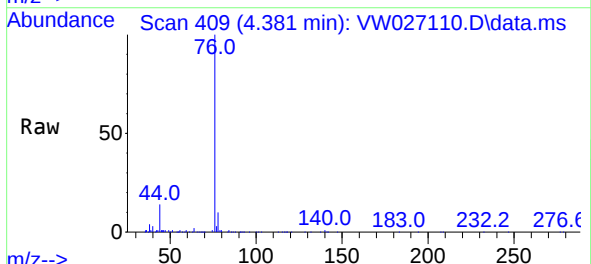
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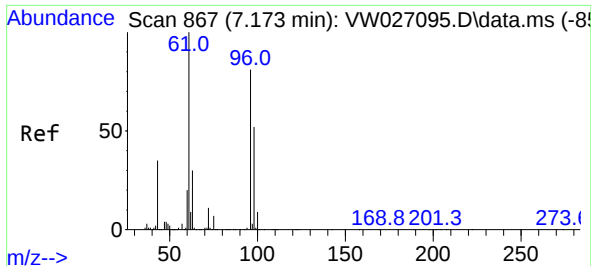
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#14
Carbon disulfide
Concen: 1.402 ug/L
RT: 4.381 min Scan# 409
Delta R.T. -0.012 min
Lab File: VW027110.D
Acq: 14 Sep 2023 18:16

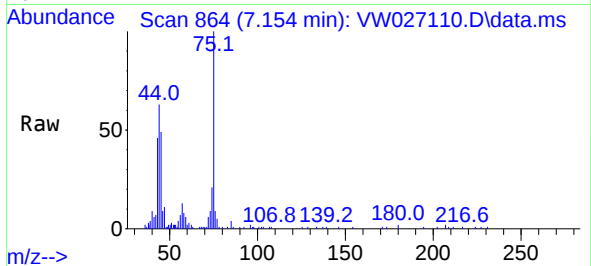
Tgt Ion: 76 Resp: 55563
Ion Ratio Lower Upper
76 100
78 10.0 7.8 11.8





#22
2-Butanone
Concen: 5.233 ug/L m
RT: 7.154 min Scan# 864
Delta R.T. -0.018 min
Lab File: VW027110.D
Acq: 14 Sep 2023 18:16

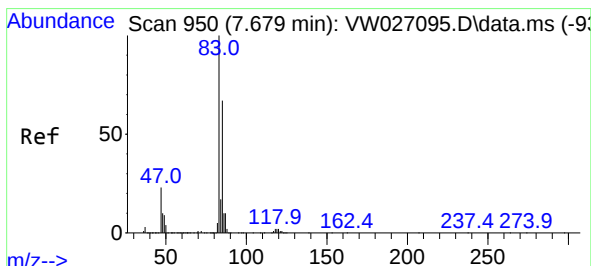
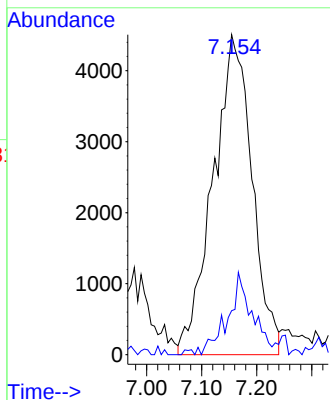
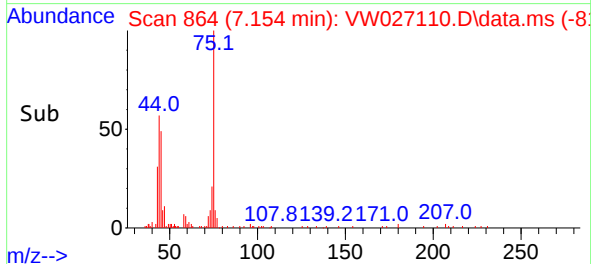
Instrument :
MSVOA_W
ClientSampleId :
EZYN4



Tgt Ion: 43 Resp: 22190
Ion Ratio Lower Upper
43 100
72 12.8 14.4 43.0

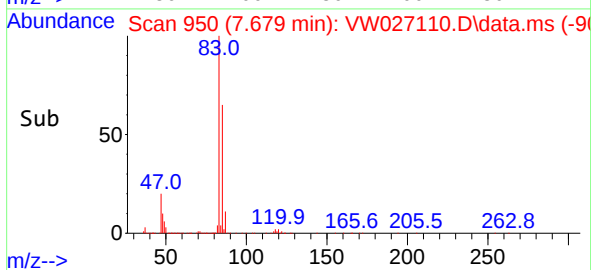
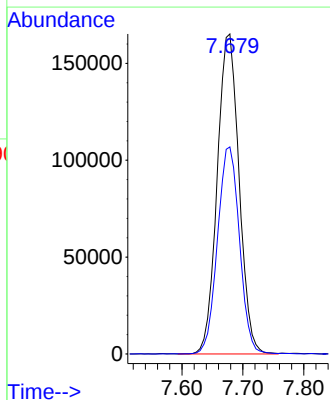
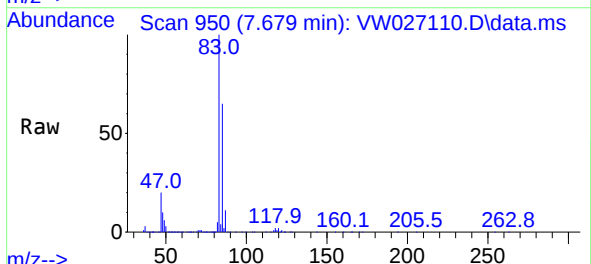
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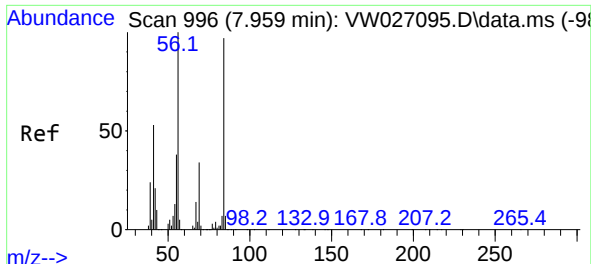
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#25
Chloroform
Concen: 16.447 ug/L
RT: 7.679 min Scan# 950
Delta R.T. -0.000 min
Lab File: VW027110.D
Acq: 14 Sep 2023 18:16

Tgt Ion: 83 Resp: 411256
Ion Ratio Lower Upper
83 100
85 64.7 47.3 87.9





#29

Cyclohexane

Concen: 5.462 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW027110.D

Acq: 14 Sep 2023 18:16

Instrument :

MSVOA_W

ClientSampleId :

EZYN4

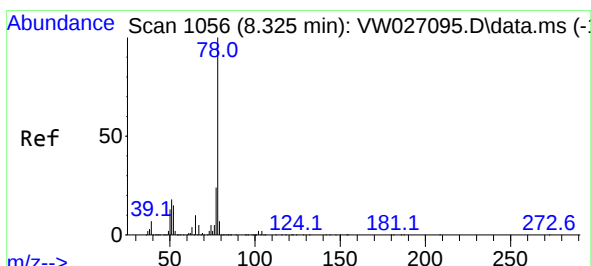
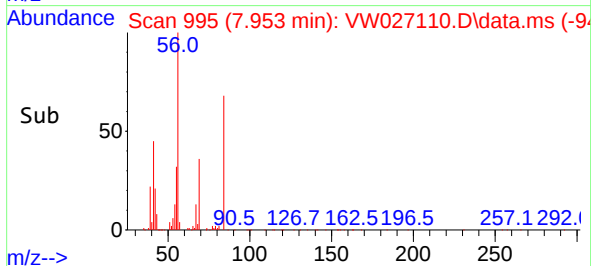
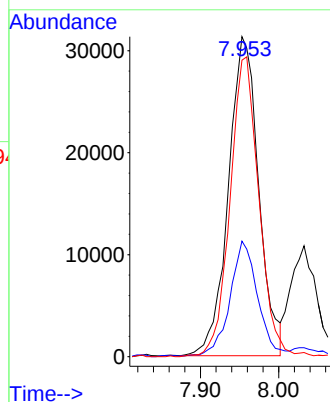
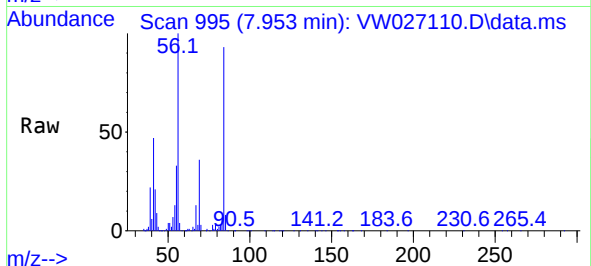
Tgt Ion: 56 Resp: 8397

Ion	Ratio	Lower	Upper
56	100		
69	31.8	24.8	37.2
84	88.6	68.2	102.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#33

Benzene

Concen: 3.269 ug/L

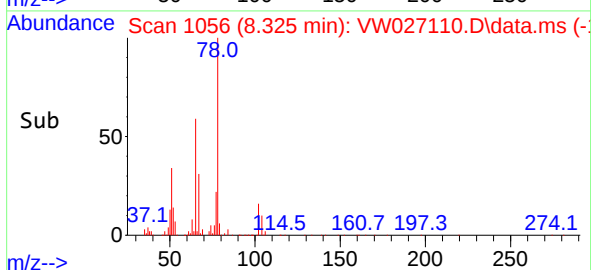
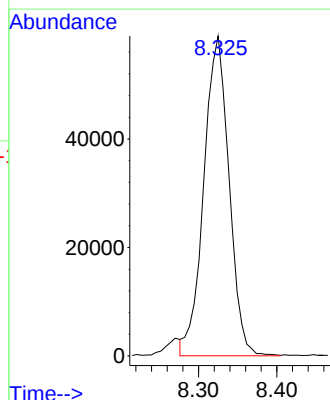
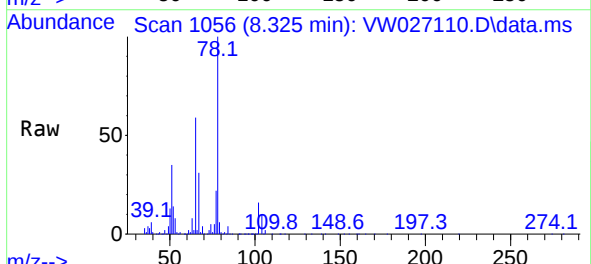
RT: 8.325 min Scan# 1056

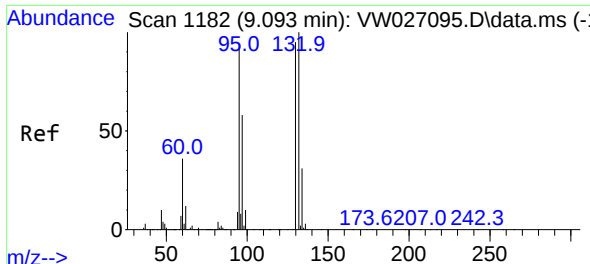
Delta R.T. -0.000 min

Lab File: VW027110.D

Acq: 14 Sep 2023 18:16

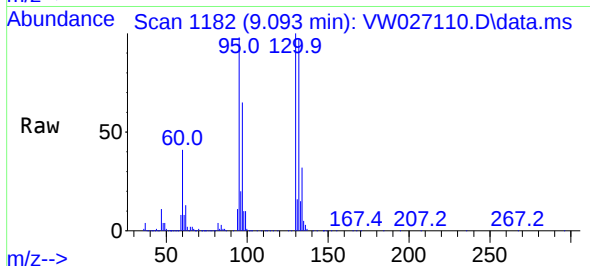
Tgt Ion: 78 Resp: 131801





#34
Trichloroethene
Concen: 19.100 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW027110.D
Acq: 14 Sep 2023 18:16

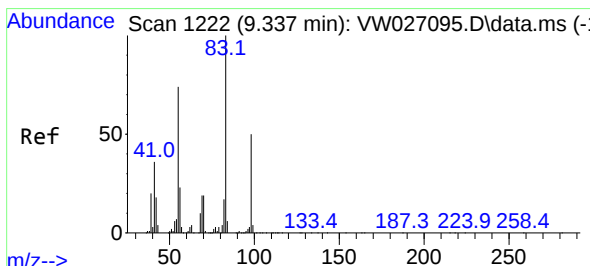
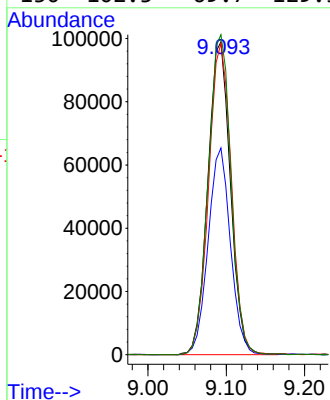
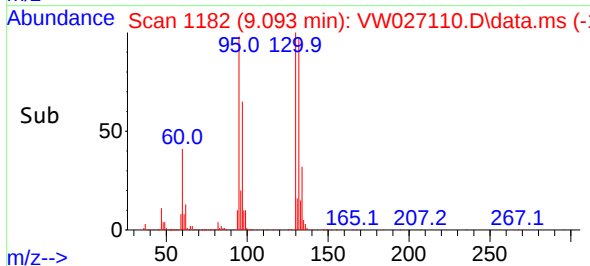
Instrument :
MSVOA_W
ClientSampleId :
EZYN4



Tgt Ion: 95 Resp: 197887
Ion Ratio Lower Upper
95 100
97 66.1 42.4 78.8
132 99.6 63.1 117.3
130 102.3 69.7 129.5

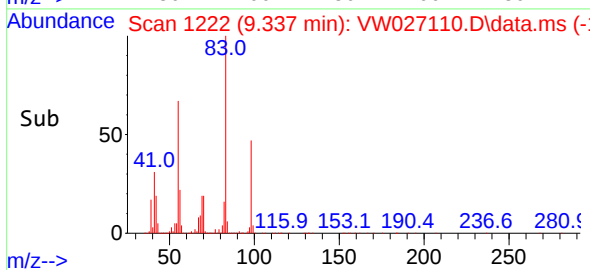
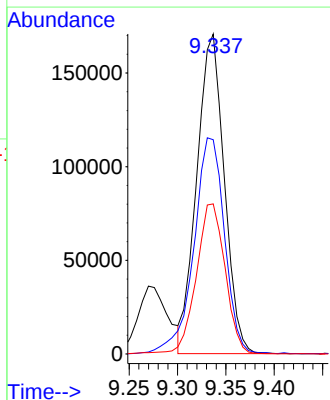
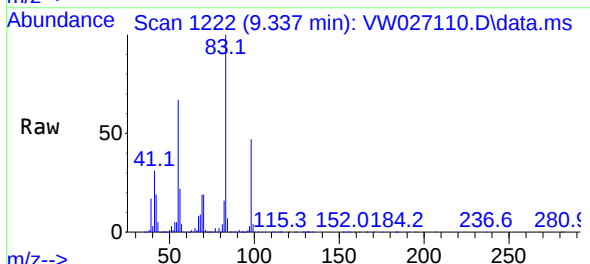
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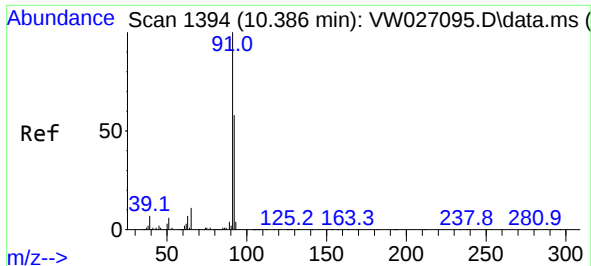
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#35
Methylcyclohexane
Concen: 19.178 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW027110.D
Acq: 14 Sep 2023 18:16

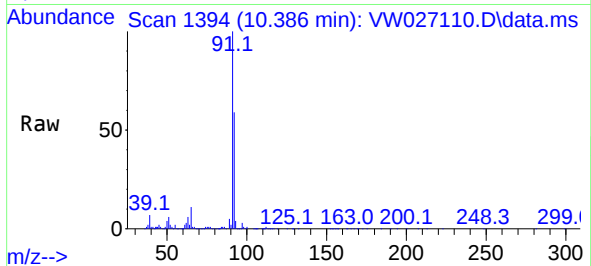
Tgt Ion: 83 Resp: 337587
Ion Ratio Lower Upper
83 100
55 75.5 61.7 92.5
98 49.5 38.3 57.5





#42
Toluene
Concen: 3.206 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027110.D
Acq: 14 Sep 2023 18:16

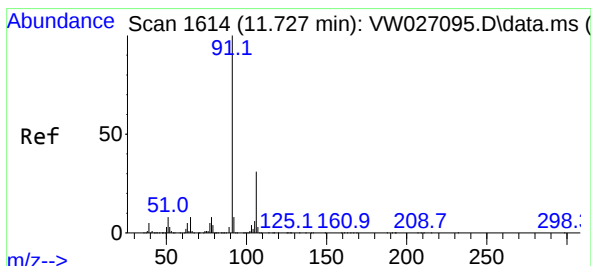
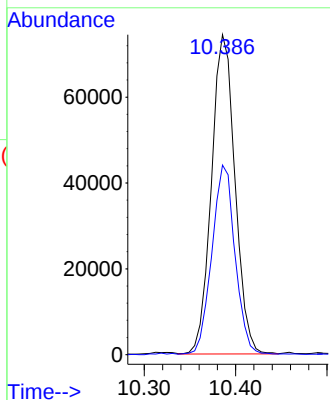
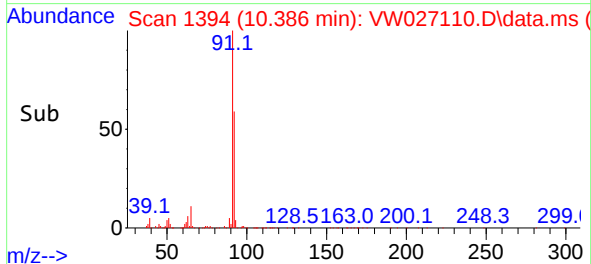
Instrument :
MSVOA_W
ClientSampleId :
EZYN4



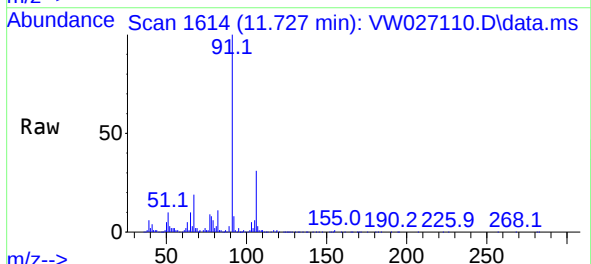
Tgt Ion: 91 Resp: 133049
Ion Ratio Lower Upper
91 100
92 59.2 41.6 77.2

Manual Integrations
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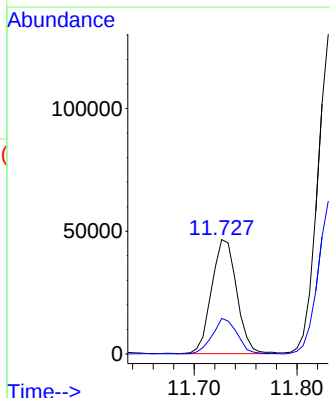
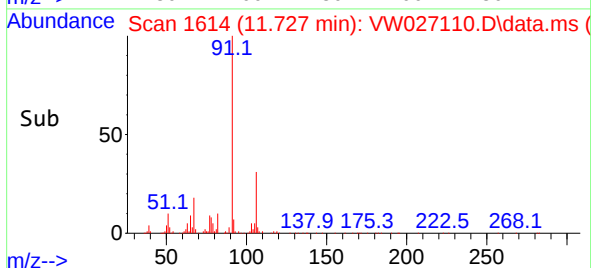
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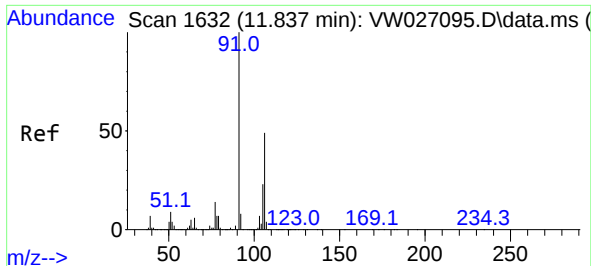


#52
Ethylbenzene
Concen: 1.722 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027110.D
Acq: 14 Sep 2023 18:16



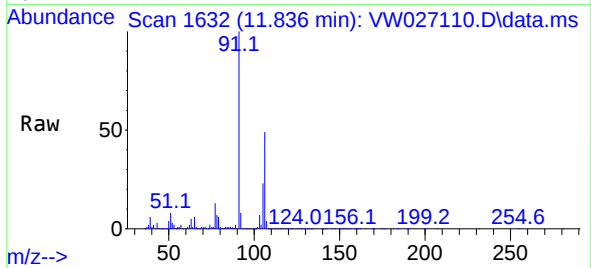
Tgt Ion: 91 Resp: 79235
Ion Ratio Lower Upper
91 100
106 31.1 21.1 39.3





#53
m,p-Xylene
Concen: 6.444 ug/L
RT: 11.836 min Scan# 11836
Delta R.T. -0.000 min
Lab File: VW027110.D
Acq: 14 Sep 2023 18:16

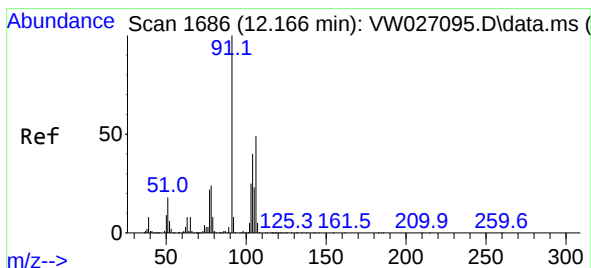
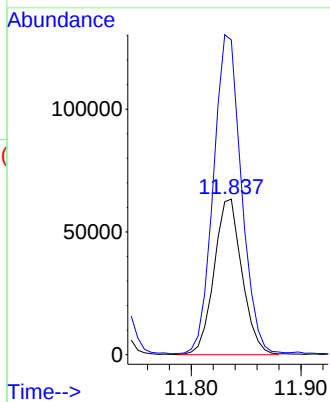
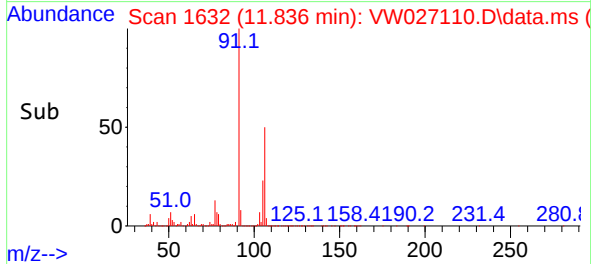
Instrument :
MSVOA_W
ClientSampleId :
EZYN4



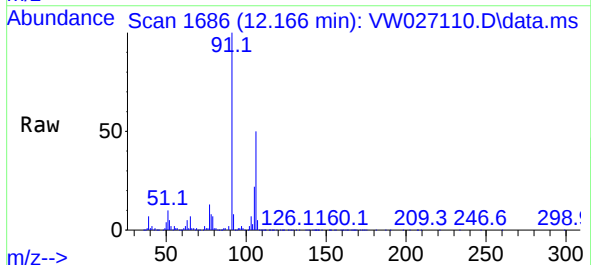
Tgt Ion:106 Resp: 112134
Ion Ratio Lower Upper
106 100
91 202.3 139.6 259.2

Manual Integrations
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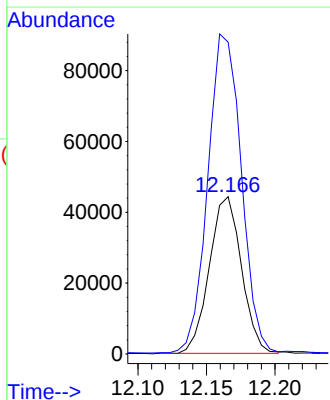
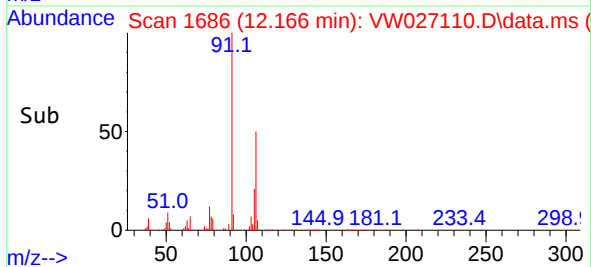
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

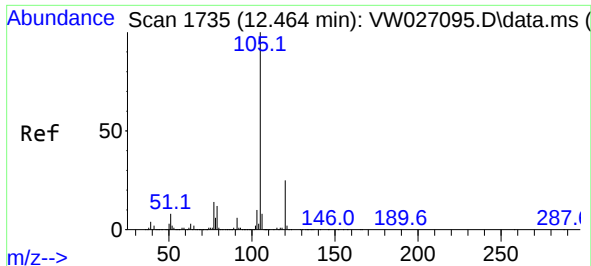


#54
o-Xylene
Concen: 4.428 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW027110.D
Acq: 14 Sep 2023 18:16



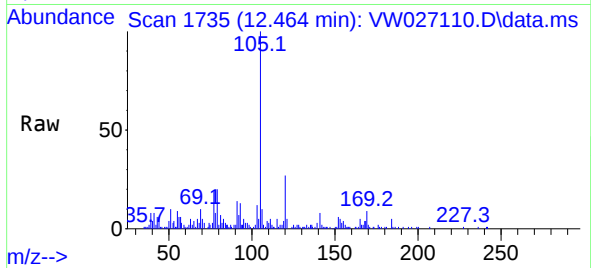
Tgt Ion:106 Resp: 72097
Ion Ratio Lower Upper
106 100
91 198.2 154.0 286.0





#60
Isopropylbenzene
Concen: 0.760 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW027110.D
Acq: 14 Sep 2023 18:16

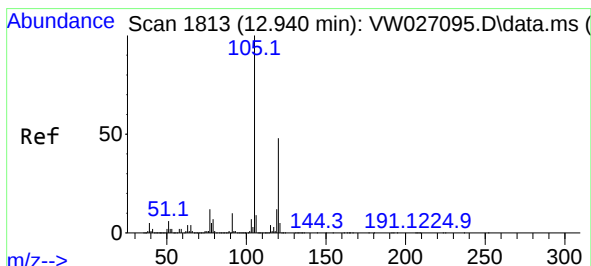
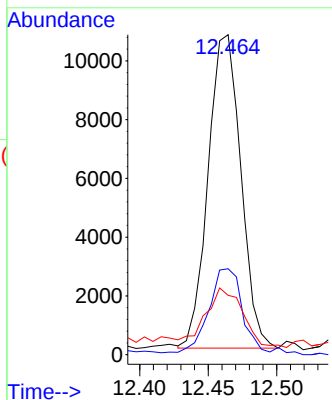
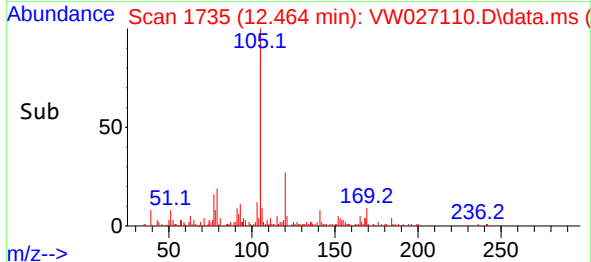
Instrument :
MSVOA_W
ClientSampleId :
EZYN4



Tgt Ion:105 Resp: 17720
Ion Ratio Lower Upper
105 100
120 26.6 21.4 32.0
77 19.9 12.8 19.2

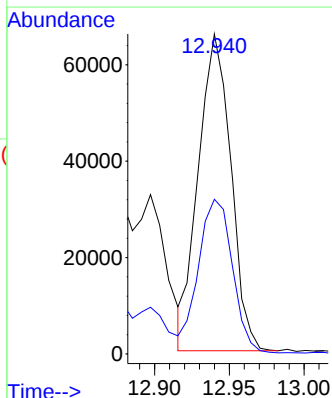
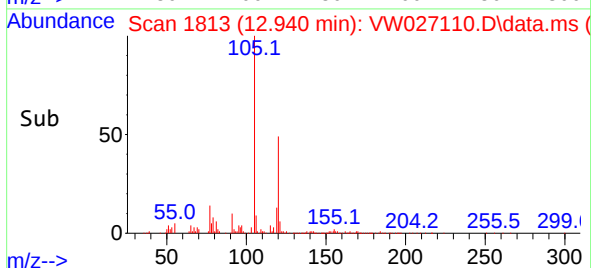
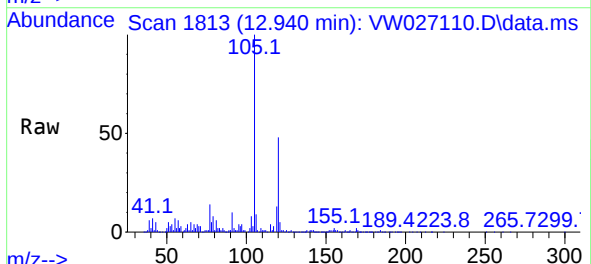
Manual Integrations
APPROVED

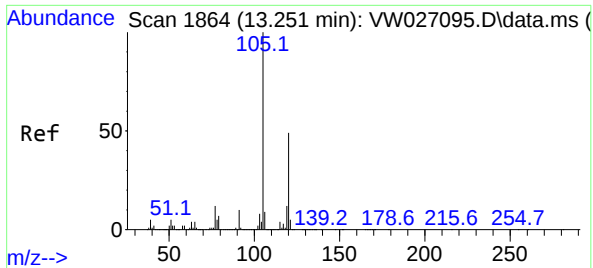
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#62
1,3,5-Trimethylbenzene
Concen: 5.341 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027110.D
Acq: 14 Sep 2023 18:16

Tgt Ion:105 Resp: 99364
Ion Ratio Lower Upper
105 100
120 51.2 39.0 58.6





#63
1,2,4-Trimethylbenzene
Concen: 14.923 ug/L
RT: 13.245 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027110.D
Acq: 14 Sep 2023 18:16

Instrument :
MSVOA_W
ClientSampleId :
EZYN4

Tgt Ion:105 Resp: 271400
Ion Ratio Lower Upper
105 100
120 44.8 36.3 54.5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

