

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
 Data File : VW030176.D
 Acq On : 20 Sep 2024 15:38
 Operator : SY/MD
 Sample : P4024-05
 Misc : 10.14g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DDC36

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/25/2024
 Supervised By :Semsettin Yesilyurt 09/25/2024

Quant Time: Sep 20 23:54:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 20 23:43:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	530503	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	307480	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	74408	25.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	109990	16.055	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.200%
7) Chloroethane-d5	2.899	69	95293	19.702	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	4.021	65	53118	15.518	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.080%
21) 2-Butanone-d5	7.075	46	81105	48.891	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.780%
24) Chloroform-d	7.648	84	239862	16.444	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	65.760%
26) 1,2-Dichloroethane-d4	8.306	65	131492	17.952	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.800%
32) Benzene-d6	8.276	84	493299	27.849	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.400%
36) 1,2-Dichloropropane-d6	9.270	67	148695	27.188	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.760%
41) Toluene-d8	10.318	98	369847	23.299	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	10.574	79	60737	27.720	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.880%
47) 2-Hexanone-d5	10.922	63	79569	95.078	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	190.160%#
56) 1,1,2,2-Tetrachloroeth...	12.702	84	125016	30.703	ug/L	0.01
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.800%#
66) 1,2-Dichlorobenzene-d4	13.854	152	44268	17.526	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.120%#
Target Compounds						
					Qvalue	
13) Acetone	4.124	43	411080	215.991	ug/L	96
14) Carbon disulfide	4.386	76	55217	3.069	ug/L	99
20) cis-1,2-Dichloroethene	7.166	96	89188	11.641	ug/L	95
29) Cyclohexane	7.959	56	82562	12.603	ug/L	94
33) Benzene	8.325	78	62678	3.334	ug/L	100
34) Trichloroethene	9.093	95	116641	22.984	ug/L	97
35) Methylcyclohexane	9.337	83	215778	27.580	ug/L	98
40) 4-Methyl-2-pentanone	10.208	43	20689	7.946	ug/L	# 86
42) Toluene	10.385	91	651744	32.672	ug/L	99
46) Tetrachloroethene	10.861	164	735428	196.398	ug/L	92
51) Chlorobenzene	11.653	112	237487	18.432	ug/L	90
52) Ethylbenzene	11.726	91	3114532	136.399	ug/L	98
53) m,p-Xylene	11.836	106	5211195	618.544	ug/L	83
54) o-Xylene	12.159	106	1469329	185.336	ug/L	90
60) Isopropylbenzene	12.464	105	5046190	460.610	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	16219674m	2019.986	ug/L	
63) 1,2,4-Trimethylbenzene	13.245	105	21210118m	2540.874	ug/L	

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

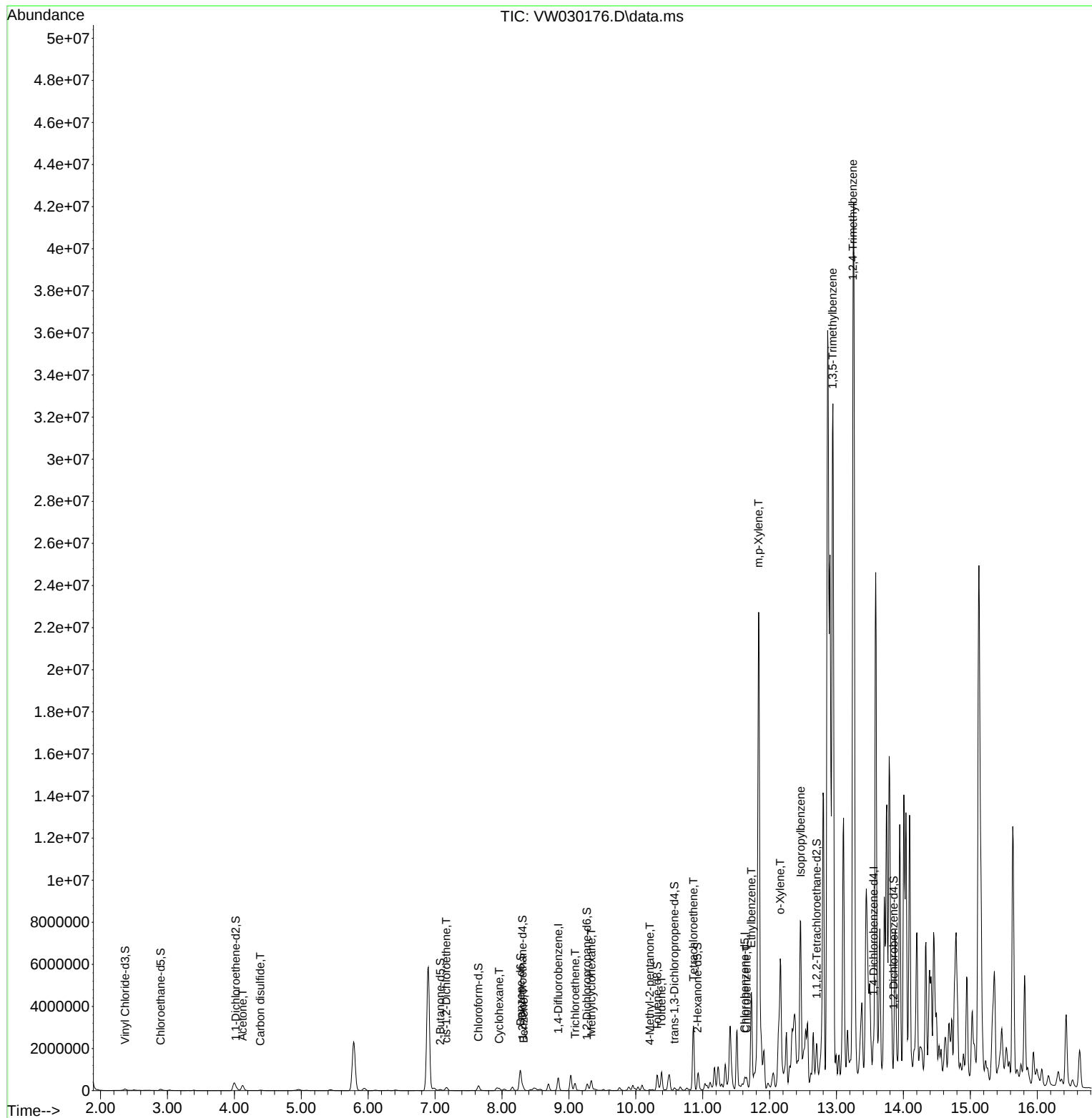
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
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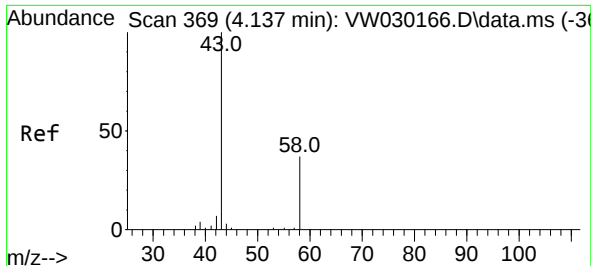
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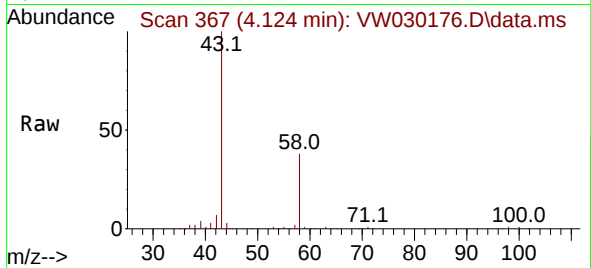
Quant Time: Sep 20 23:54:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
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#13
Acetone
Concen: 215.991 ug/L
RT: 4.124 min Scan# 30
Delta R.T. -0.012 min
Lab File: VW030176.D
Acq: 20 Sep 2024 15:38

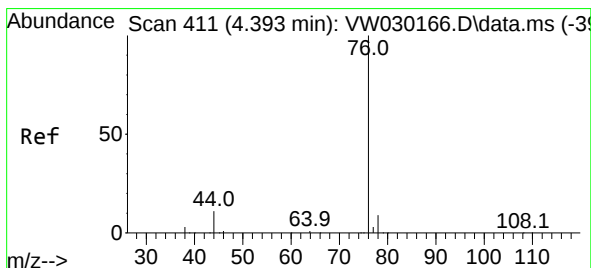
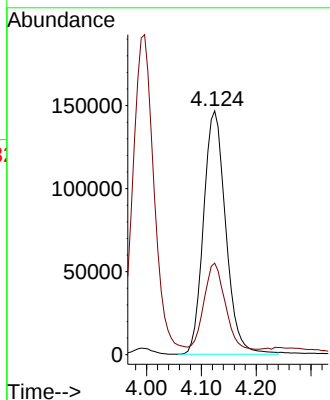
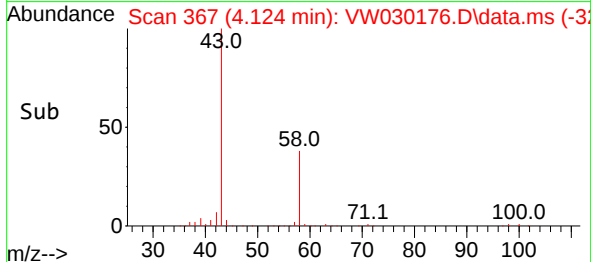
Instrument :
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Tgt Ion: 43 Resp: 411080
Ion Ratio Lower Upper
43 100
58 34.7 0.0 65.0

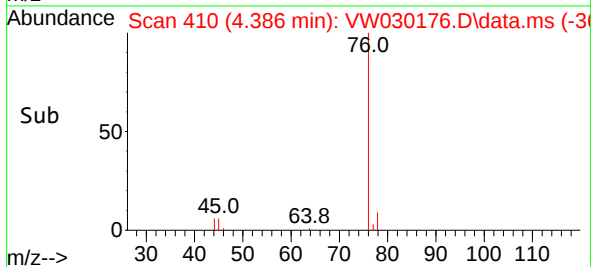
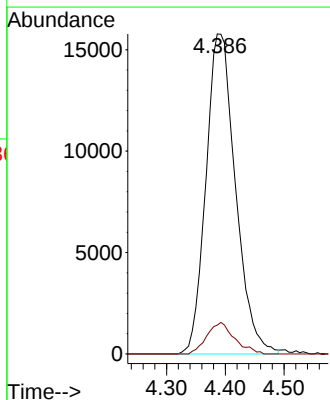
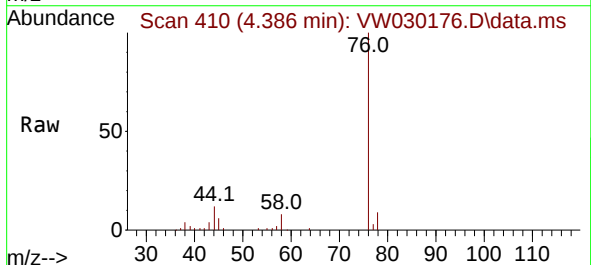
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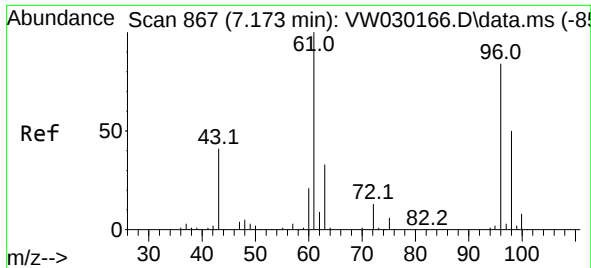
Reviewed By :Mahesh Dadoda 09/25/2024
Supervised By :Semsettin Yesilyurt 09/25/2024



#14
Carbon disulfide
Concen: 3.069 ug/L
RT: 4.386 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW030176.D
Acq: 20 Sep 2024 15:38

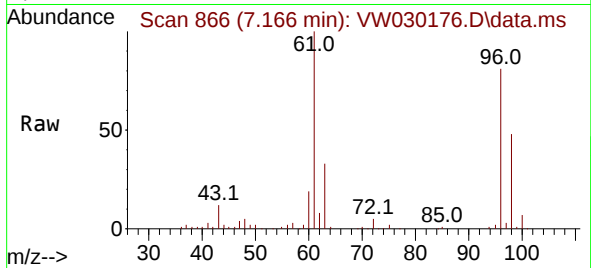
Tgt Ion: 76 Resp: 55217
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4





#20
cis-1,2-Dichloroethene
Concen: 11.641 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW030176.D
Acq: 20 Sep 2024 15:38

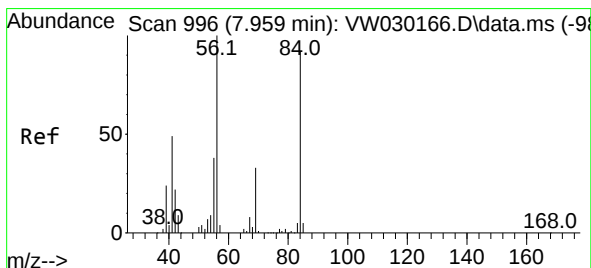
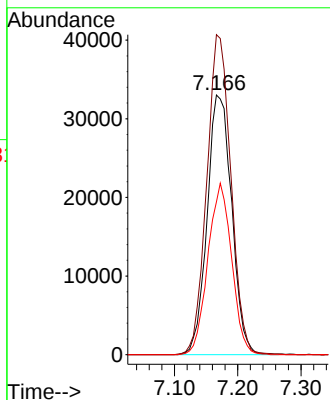
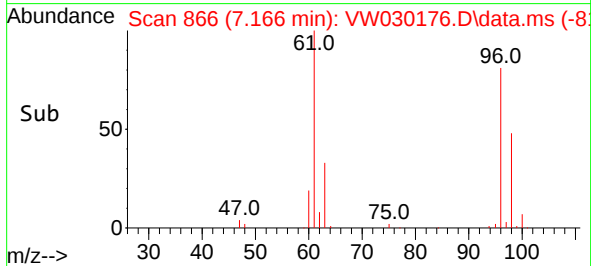
Instrument :
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DDC36



Tgt Ion: 96 Resp: 8918
Ion Ratio Lower Upper
96 100
61 123.3 89.5 166.3
98 58.8 44.3 82.3

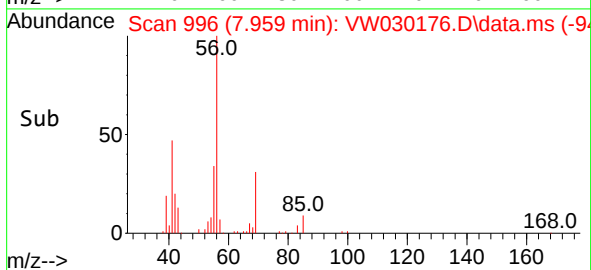
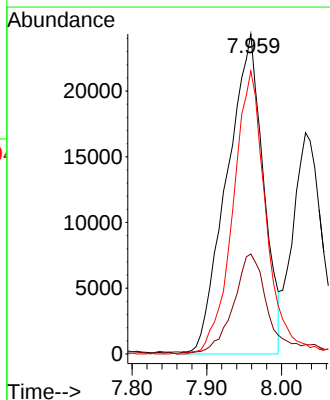
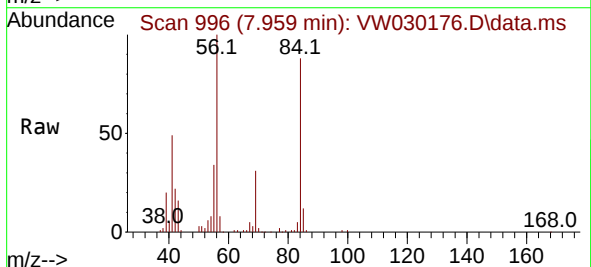
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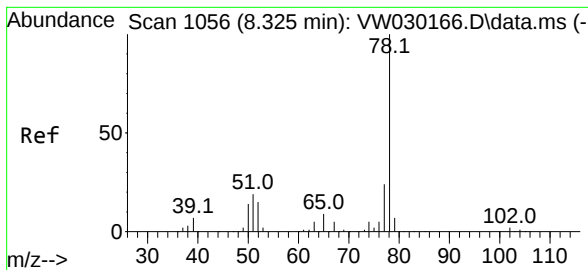
Reviewed By :Mahesh Dadoda 09/25/2024
Supervised By :Semsettin Yesilyurt 09/25/2024



#29
Cyclohexane
Concen: 12.603 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW030176.D
Acq: 20 Sep 2024 15:38

Tgt Ion: 56 Resp: 82562
Ion Ratio Lower Upper
56 100
69 28.0 24.6 37.0
84 80.2 68.9 103.3





#33

Benzene

Concen: 3.334 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VW030176.D

Acq: 20 Sep 2024 15:38

Instrument :

MSVOA_W

ClientSampleId :

DDC36

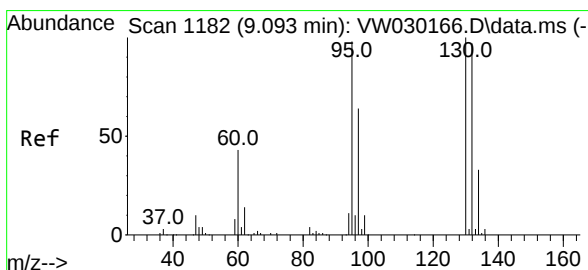
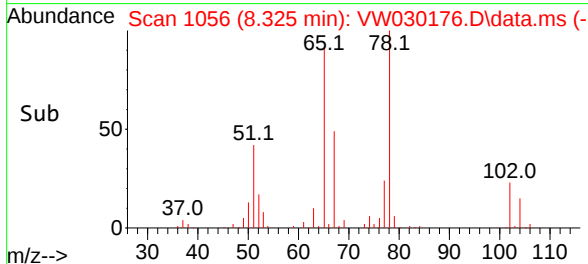
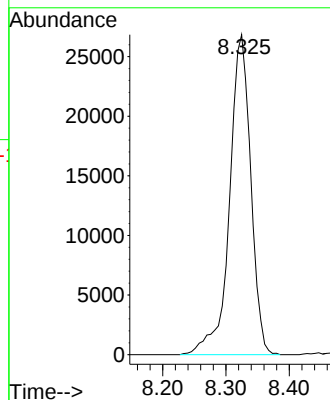
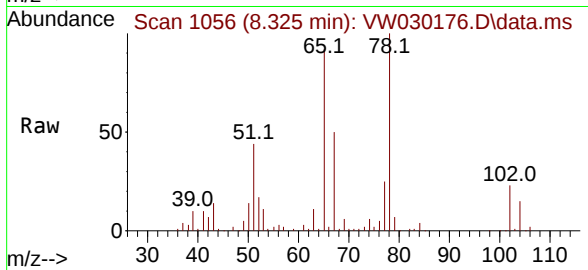
Tgt Ion: 78 Resp: 62678

Manual Integrations

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Reviewed By :Mahesh Dadoda 09/25/2024

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#34

Trichloroethene

Concen: 22.984 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW030176.D

Acq: 20 Sep 2024 15:38

Tgt Ion: 95 Resp: 116641

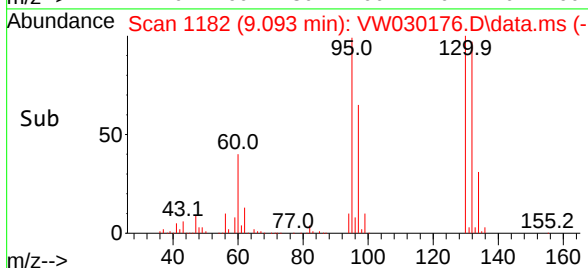
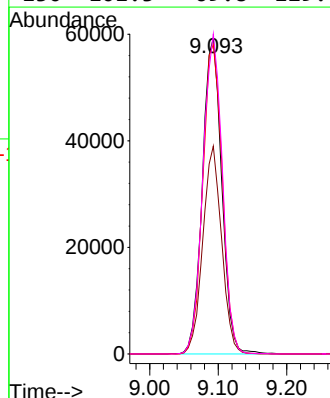
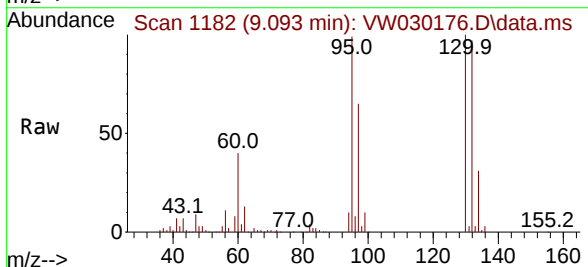
Ion Ratio Lower Upper

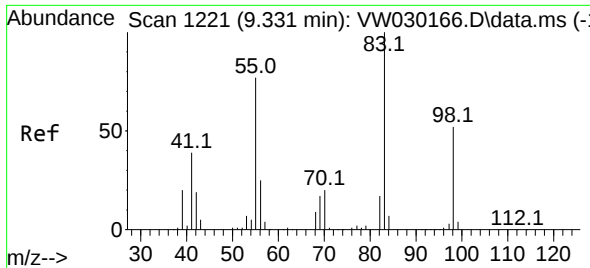
95 100

97 65.8 45.2 84.0

132 98.0 64.8 120.3

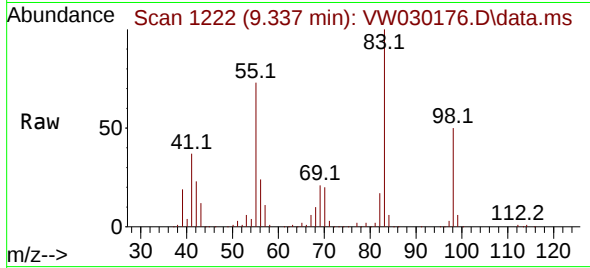
130 101.3 69.8 129.6





#35
Methylcyclohexane
Concen: 27.580 ug/L
RT: 9.337 min Scan# 1221
Delta R.T. 0.006 min
Lab File: VW030176.D
Acq: 20 Sep 2024 15:38

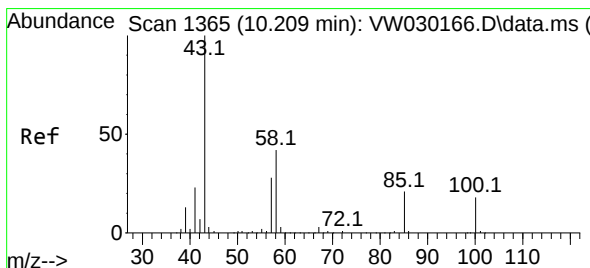
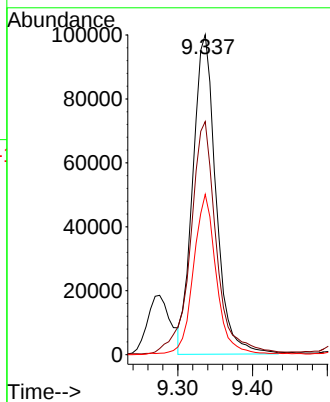
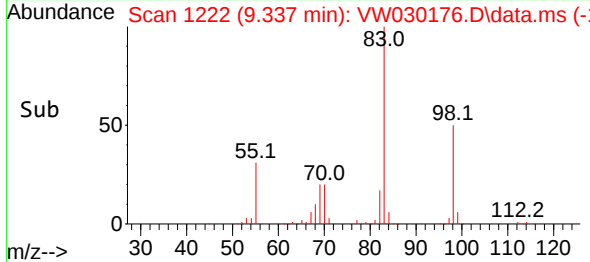
Instrument :
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Tgt Ion: 83 Resp: 215778
Ion Ratio Lower Upper
83 100
55 80.8 63.0 94.6
98 49.5 38.7 58.1

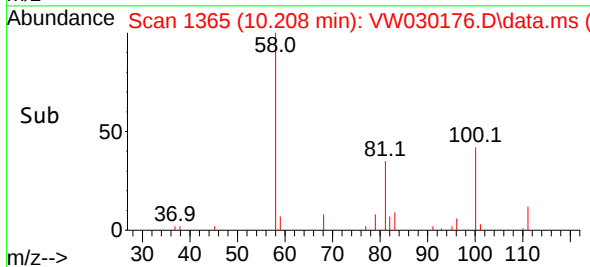
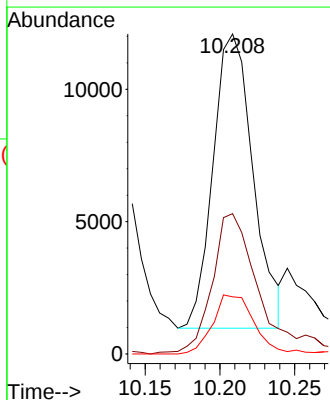
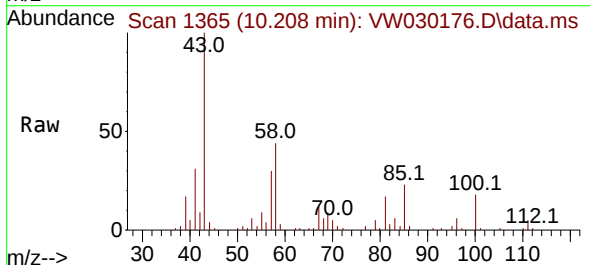
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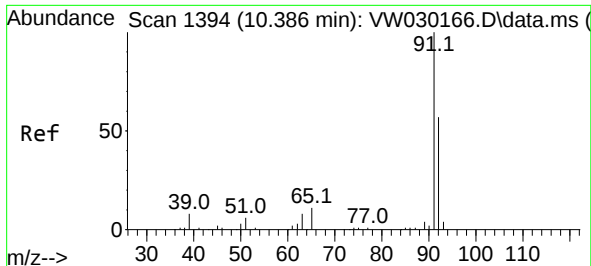
Reviewed By :Mahesh Dadoda 09/25/2024
Supervised By :Semsettin Yesilyurt 09/25/2024



#40
4-Methyl-2-pentanone
Concen: 7.946 ug/L
RT: 10.208 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW030176.D
Acq: 20 Sep 2024 15:38

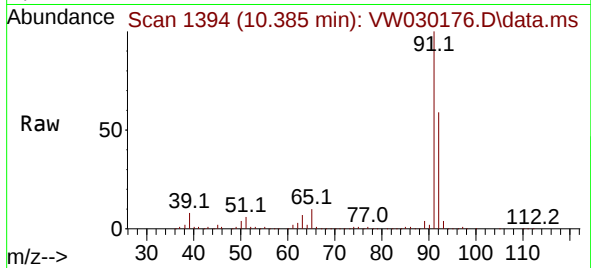
Tgt Ion: 43 Resp: 20689
Ion Ratio Lower Upper
43 100
58 50.7 32.7 49.1#
100 20.4 12.7 19.1#





#42
Toluene
Concen: 32.672 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW030176.D
Acq: 20 Sep 2024 15:38

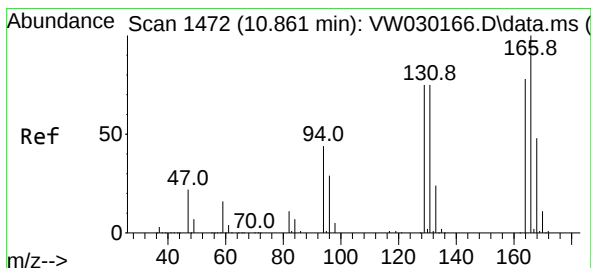
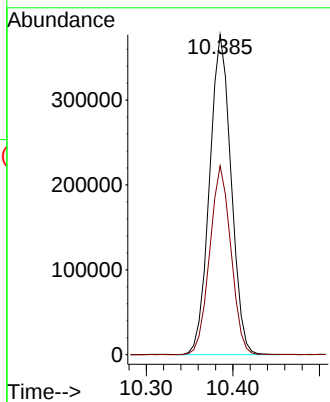
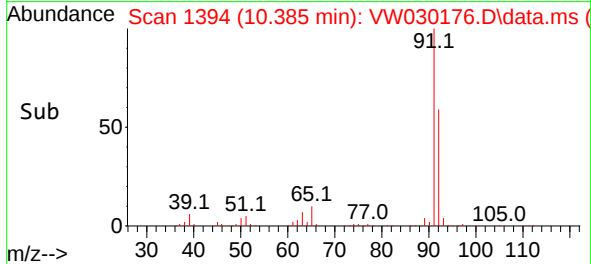
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Tgt Ion: 91 Resp: 651744
Ion Ratio Lower Upper
91 100
92 59.0 40.7 75.5

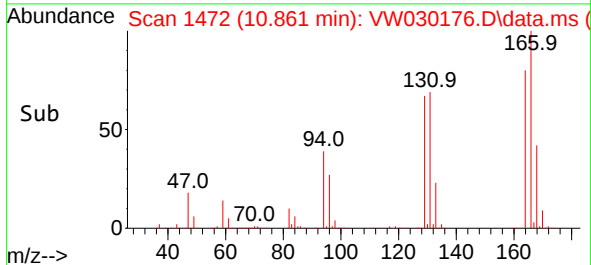
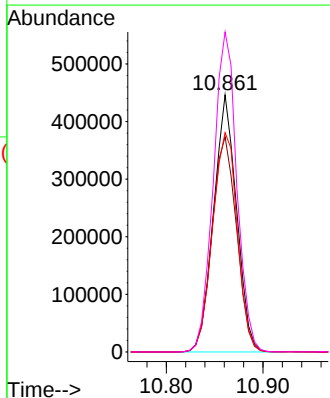
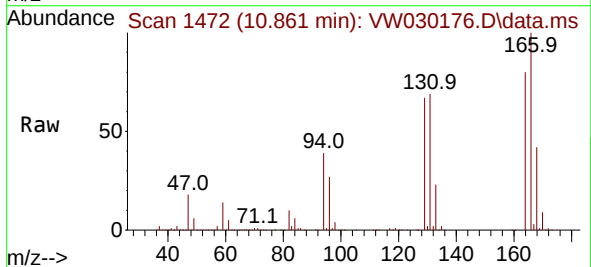
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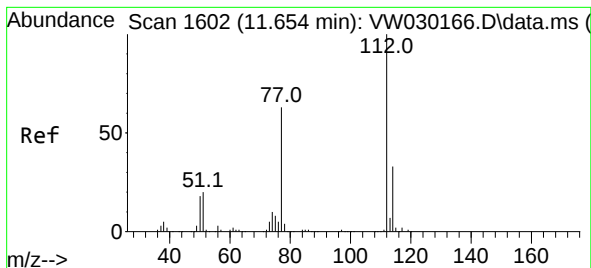
Reviewed By :Mahesh Dadoda 09/25/2024
Supervised By :Semsettin Yesilyurt 09/25/2024



#46
Tetrachloroethene
Concen: 196.398 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW030176.D
Acq: 20 Sep 2024 15:38

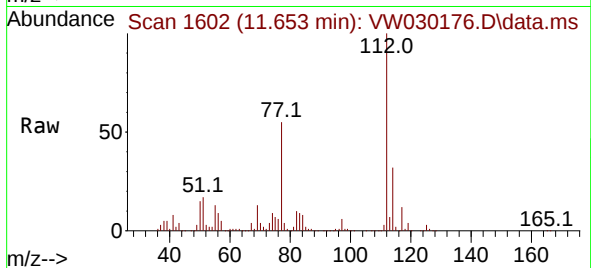
Tgt Ion:164 Resp: 735428
Ion Ratio Lower Upper
164 100
129 83.7 66.0 122.6
131 85.3 64.8 120.4
166 124.5 81.6 151.6





#51
Chlorobenzene
Concen: 18.432 ug/L
RT: 11.653 min Scan# 1160
Delta R.T. -0.000 min
Lab File: VW030176.D
Acq: 20 Sep 2024 15:38

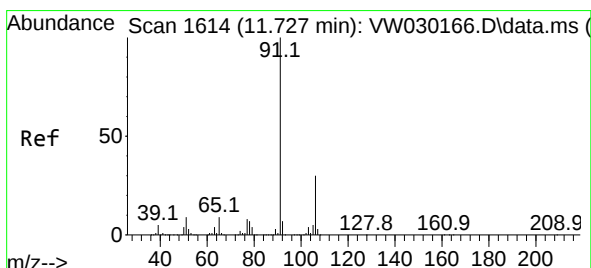
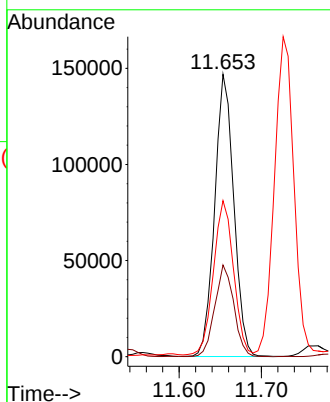
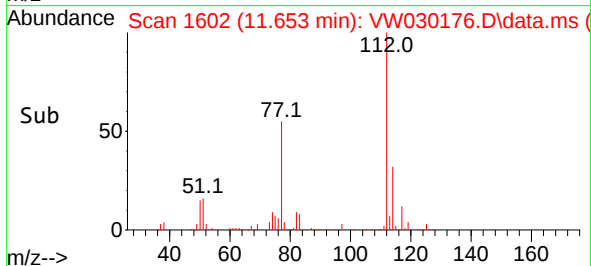
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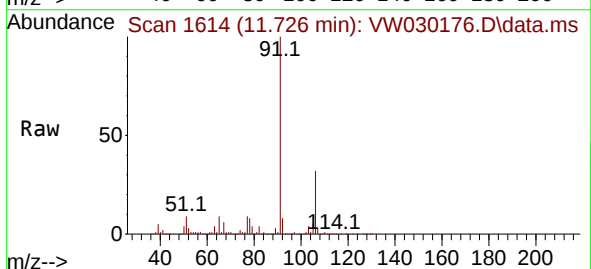
Tgt Ion:112 Resp: 23748
Ion Ratio Lower Upper
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114 32.5 23.8 44.2
77 55.2 52.9 79.3

Manual Integrations
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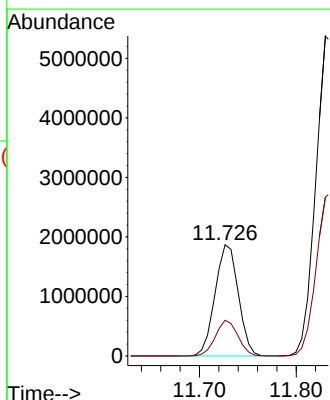
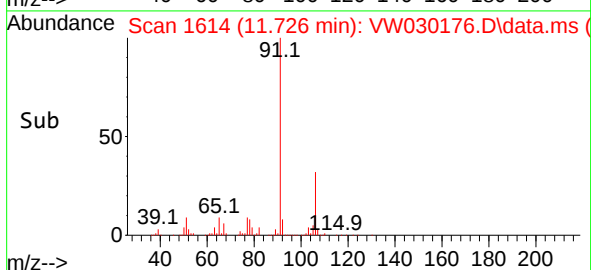
Reviewed By :Mahesh Dadoda 09/25/2024
Supervised By :Semsettin Yesilyurt 09/25/2024

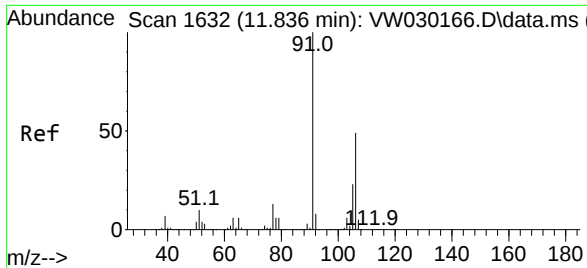


#52
Ethylbenzene
Concen: 136.399 ug/L
RT: 11.726 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW030176.D
Acq: 20 Sep 2024 15:38



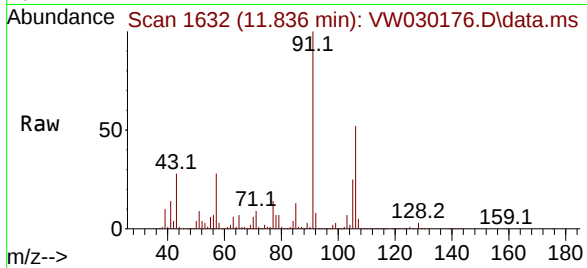
Tgt Ion: 91 Resp: 3114532
Ion Ratio Lower Upper
91 100
106 32.1 21.9 40.7





#53
m,p-Xylene
Concen: 618.544 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW030176.D
Acq: 20 Sep 2024 15:38

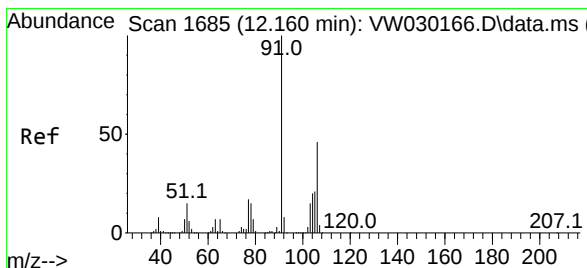
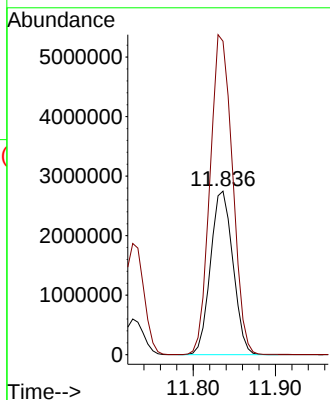
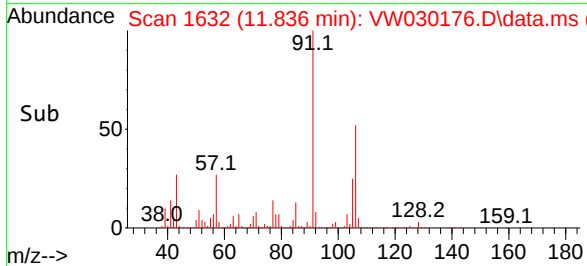
Instrument :
MSVOA_W
ClientSampleId :
DDC36



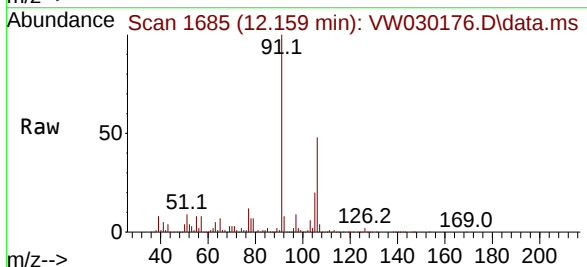
Tgt Ion:106 Resp: 521119
Ion Ratio Lower Upper
106 100
91 191.6 152.9 283.9

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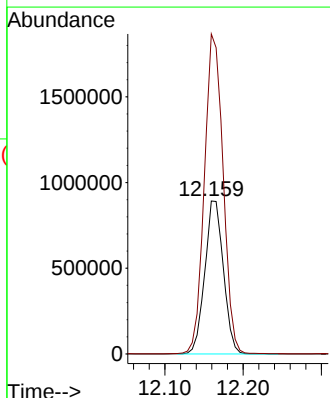
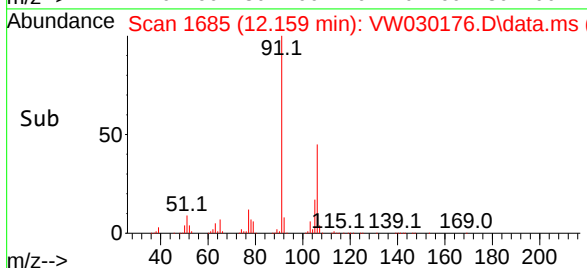
Reviewed By :Mahesh Dadoda 09/25/2024
Supervised By :Semsettin Yesilyurt 09/25/2024

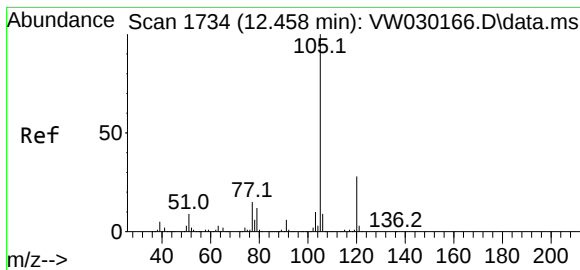


#54
o-Xylene
Concen: 185.336 ug/L
RT: 12.159 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW030176.D
Acq: 20 Sep 2024 15:38



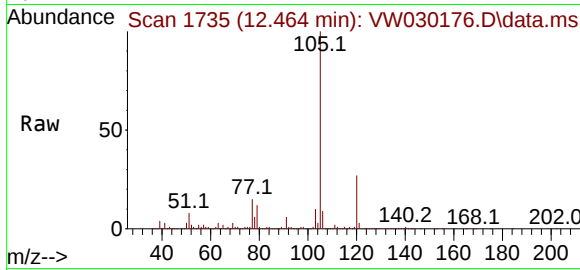
Tgt Ion:106 Resp: 1469329
Ion Ratio Lower Upper
106 100
91 209.1 158.1 293.7





#60
Isopropylbenzene
Concen: 460.610 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW030176.D
Acq: 20 Sep 2024 15:38

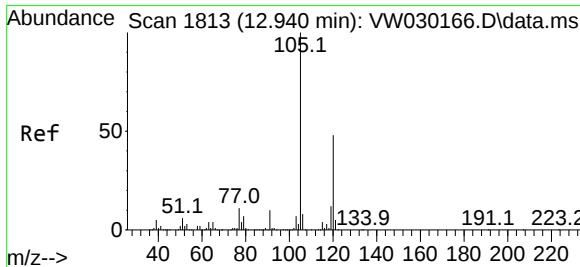
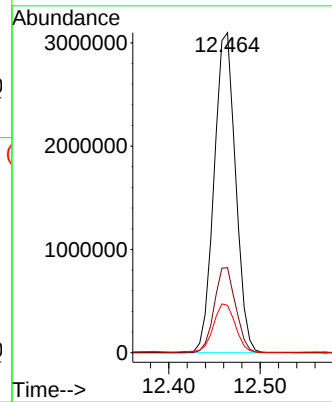
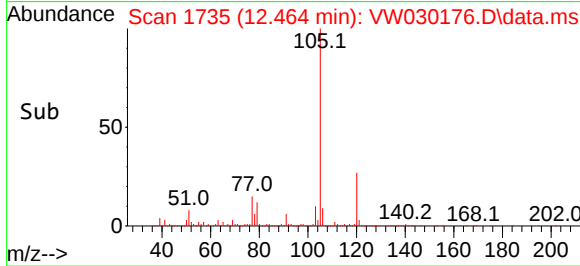
Instrument :
MSVOA_W
ClientSampleId :
DDC36



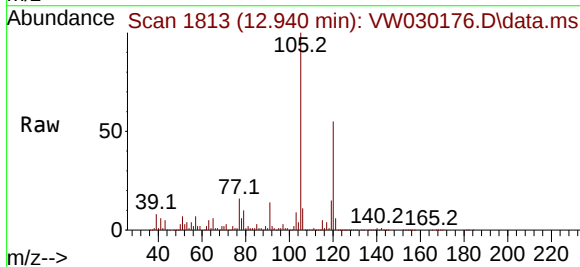
Tgt Ion:105 Resp: 5046190
Ion Ratio Lower Upper
105 100
120 26.5 20.2 30.2
77 15.5 13.0 19.4

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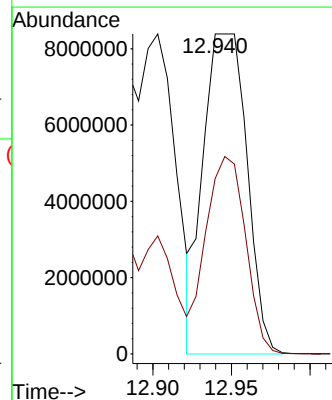
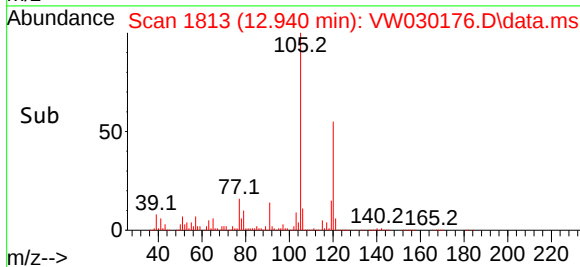
Reviewed By :Mahesh Dadoda 09/25/2024
Supervised By :Semsettin Yesilyurt 09/25/2024

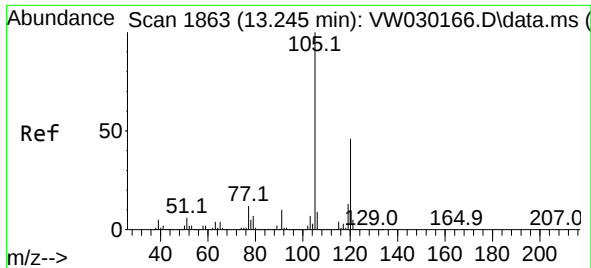


#62
1,3,5-Trimethylbenzene
Concen: 2019.986 ug/L m
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW030176.D
Acq: 20 Sep 2024 15:38



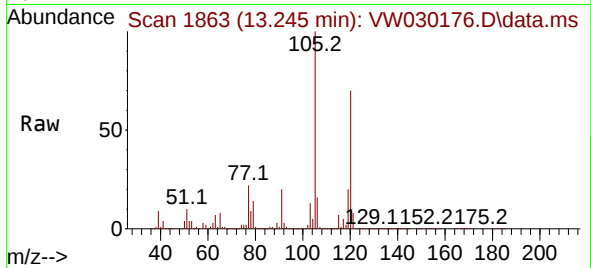
Tgt Ion:105 Resp:16219674
Ion Ratio Lower Upper
105 100
120 0.0 37.3 55.9#





#63
 1,2,4-Trimethylbenzene
 Concen: 2540.874 ug/L m
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW030176.D
 Acq: 20 Sep 2024 15:38

Instrument :
 MSVOA_W
 ClientSampleId :
 DDC36



Tgt Ion:105 Resp:21210118
 Ion Ratio Lower Upper
 105 100
 120 29.8 34.8 52.2

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/25/2024
 Supervised By :Semsettin Yesilyurt 09/25/2024

