

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
 Data File : VW027152.D
 Acq On : 19 Sep 2023 17:03
 Operator : SY/MD
 Sample : 04472-21
 Misc : 5.73g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZYM8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/20/2023
 Supervised By :Mahesh Dadoda 09/20/2023

Quant Time: Sep 20 01:38:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 20 01:34:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	20781	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.635	117	14941	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	5946	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.350	65	6698m	20.033	ug/L	-0.02
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.120%		
7) Chloroethane-d5	2.899	69	7736	29.961	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	119.840%		
11) 1,1-Dichloroethene-d2	4.027	65	4323	30.157	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	120.640%#		
21) 2-Butanone-d5	7.100	46	2616m	42.254	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.500%		
24) Chloroform-d	7.654	84	16502	26.432	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	105.720%		
26) 1,2-Dichloroethane-d4	8.307	65	7169	23.533	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	94.120%		
32) Benzene-d6	8.276	84	30094	31.189	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	124.760%		
36) 1,2-Dichloropropane-d6	9.270	67	9545	34.960	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	139.840%#		
41) Toluene-d8	10.325	98	20783	24.201	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.800%		
43) trans-1,3-Dichloroprop...	10.587	79	2551m	23.122	ug/L	0.01
Spiked Amount 25.000	Range 30 - 135		Recovery =	92.480%		
47) 2-Hexanone-d5	0.000	63	0d	0.000	ug/L	
Spiked Amount 50.000	Range 20 - 135		Recovery =	0.000%#		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	8226	37.602	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	150.400%#		
66) 1,2-Dichlorobenzene-d4	13.855	152	6077m	28.619	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	114.480%		
Target Compounds						
					Qvalue	
14) Carbon disulfide	4.393	76	14564	14.415	ug/L #	94
16) Methylene chloride	4.929	84	4230m	10.699	ug/L	
35) Methylcyclohexane	9.337	83	7002	15.740	ug/L #	77
42) Toluene	10.392	91	4775	4.579	ug/L	88
52) Ethylbenzene	11.733	91	20582	17.997	ug/L	92
53) m,p-Xylene	11.831	106	43691	99.616	ug/L	98
54) o-Xylene	12.166	106	36665	87.752	ug/L	100
60) Isopropylbenzene	12.458	105	19157m	24.048	ug/L	
62) 1,3,5-Trimethylbenzene	12.940	105	75303	118.120	ug/L	93
63) 1,2,4-Trimethylbenzene	13.245	105	77495	125.457	ug/L	99

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

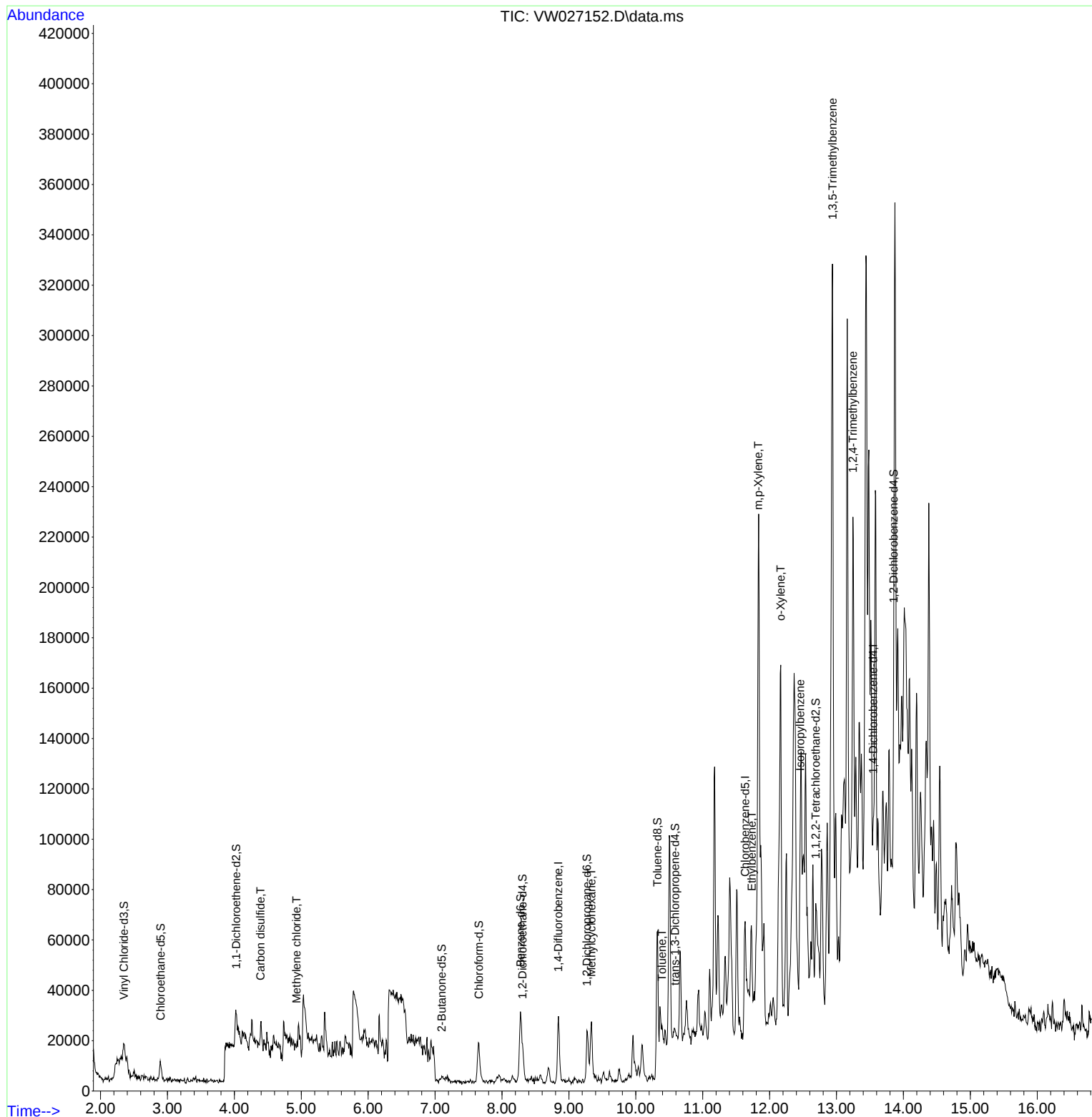
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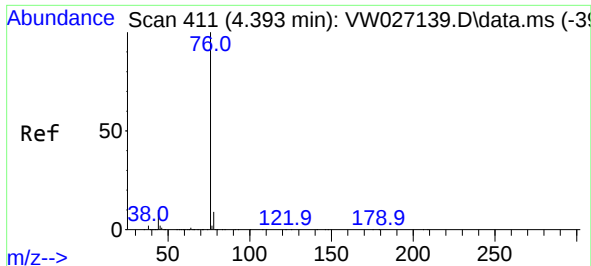
Instrument :
MSVOA_W
ClientSampleId :
EZYM8

Quant Time: Sep 20 01:38:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 20 01:34:37 2023
Response via : Initial Calibration

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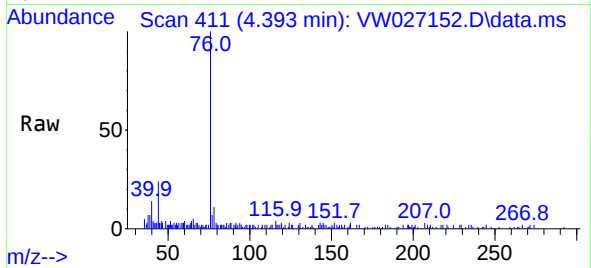
Reviewed By : Semsettin Yesilyurt 09/20/2023
Supervised By : Mahesh Dadoda 09/20/2023





#14
Carbon disulfide
Concen: 14.415 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW027152.D
Acq: 19 Sep 2023 17:03

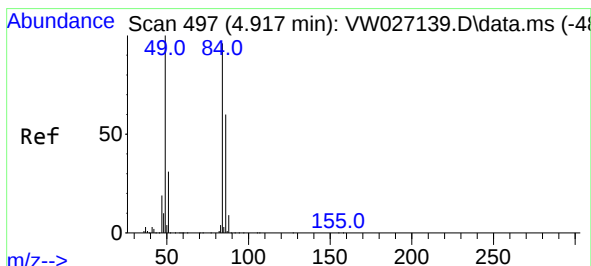
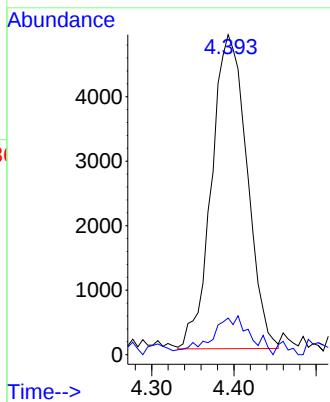
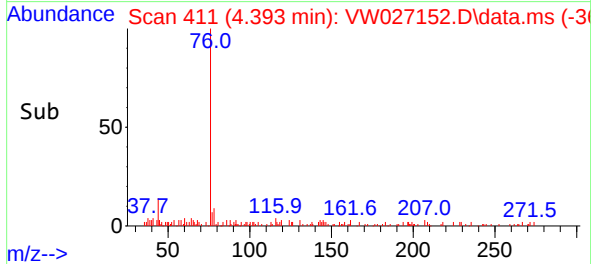
Instrument :
MSVOA_W
ClientSampleId :
EZY8



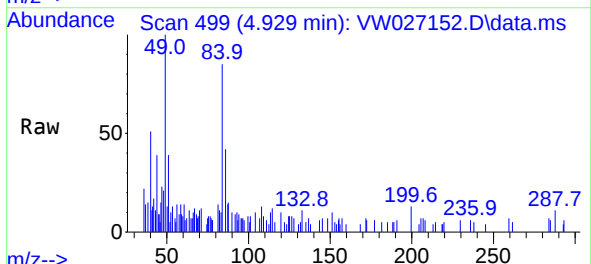
Tgt Ion: 76 Resp: 14564
Ion Ratio Lower Upper
76 100
78 11.5 7.5 11.3

Manual Integrations
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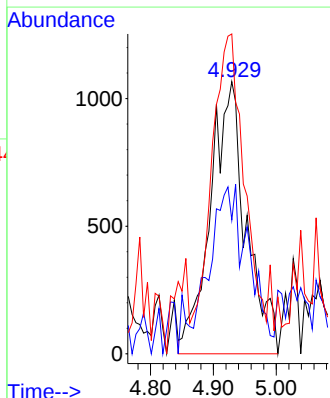
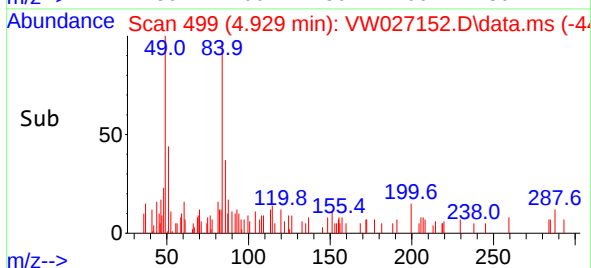
Reviewed By :Semsettin Yesilyurt 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023

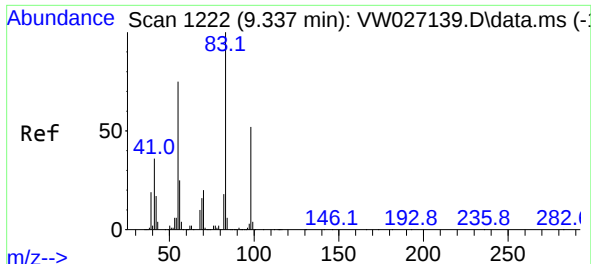


#16
Methylene chloride
Concen: 10.699 ug/L m
RT: 4.929 min Scan# 499
Delta R.T. 0.012 min
Lab File: VW027152.D
Acq: 19 Sep 2023 17:03



Tgt Ion: 84 Resp: 4230
Ion Ratio Lower Upper
84 100
86 49.2 46.7 86.7
49 117.5 77.1 143.1





#35

Methylcyclohexane

Concen: 15.740 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027152.D

Acq: 19 Sep 2023 17:03

Instrument :

MSVOA_W

ClientSampleId :

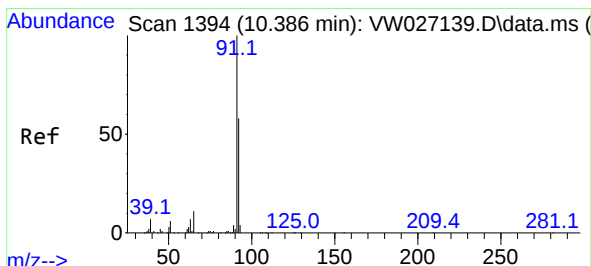
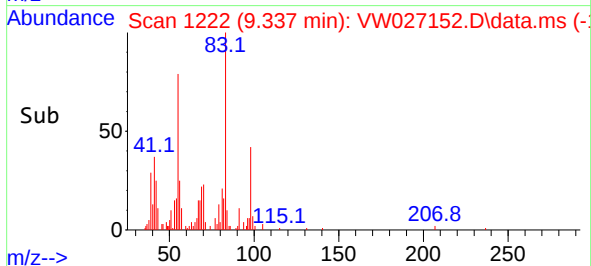
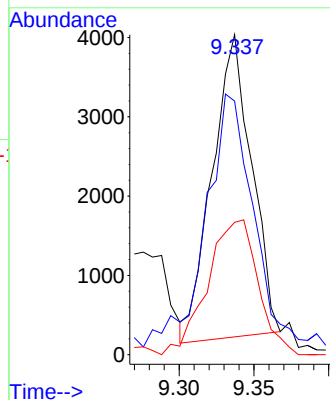
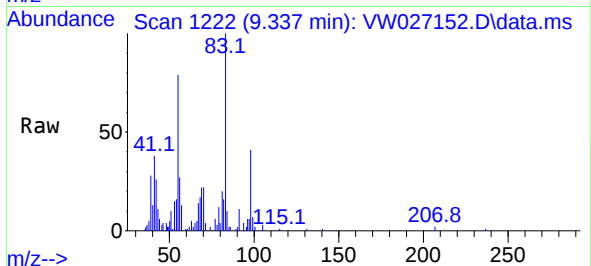
EZYM8

Tgt Ion: 83	Resp: 7002
Ion Ratio	Lower Upper
83 100	
55 96.5	58.0 87.0
98 57.1	38.5 57.7

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#42

Toluene

Concen: 4.579 ug/L

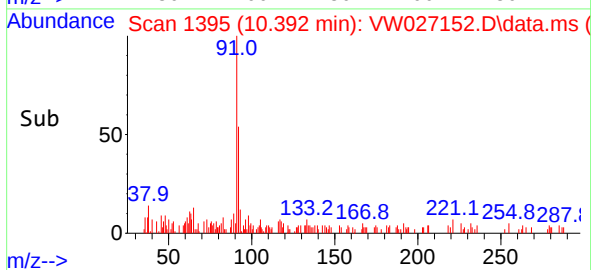
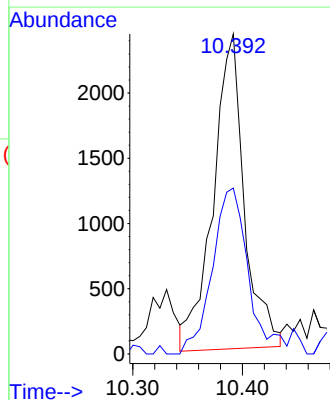
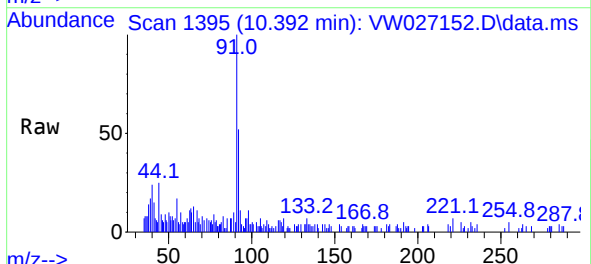
RT: 10.392 min Scan# 1395

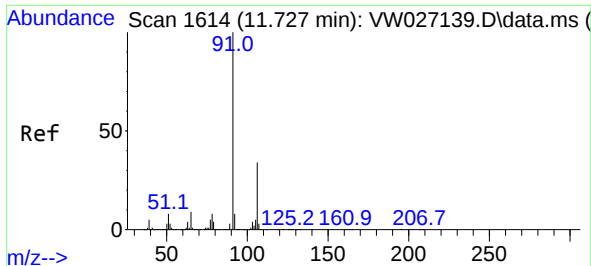
Delta R.T. 0.006 min

Lab File: VW027152.D

Acq: 19 Sep 2023 17:03

Tgt Ion: 91	Resp: 4775
Ion Ratio	Lower Upper
91 100	
92 51.9	42.7 79.3





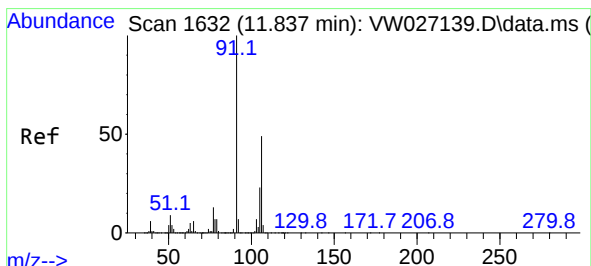
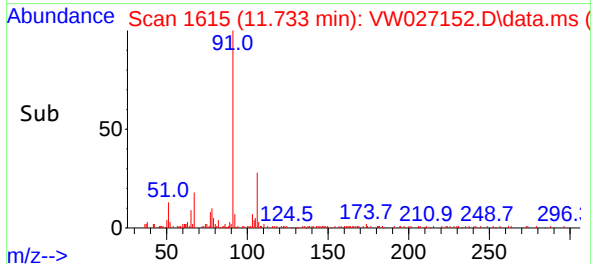
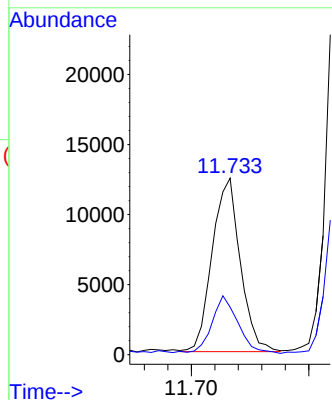
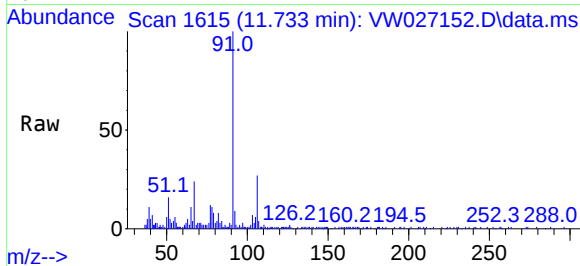
#52
Ethylbenzene
Concen: 17.997 ug/L
RT: 11.733 min Scan# 1614
Delta R.T. 0.006 min
Lab File: VW027152.D
Acq: 19 Sep 2023 17:03

Instrument :
MSVOA_W
ClientSampleId :
EZY8

Tgt Ion: 91 Resp: 2058
Ion Ratio Lower Upper
91 100
106 26.9 21.8 40.4

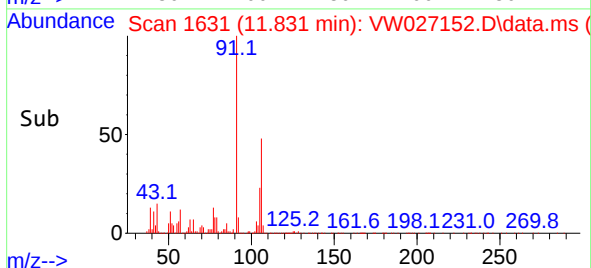
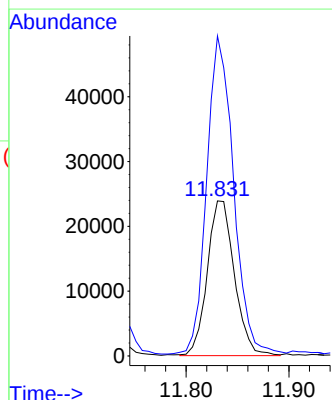
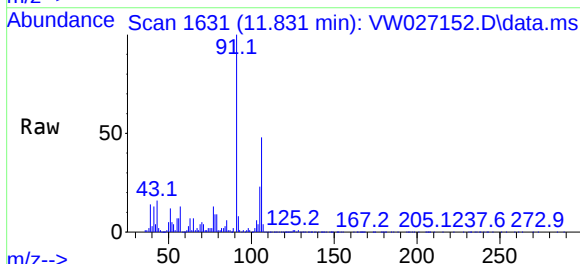
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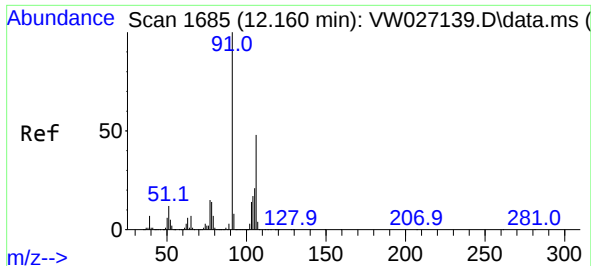
Reviewed By :Semsettin Yesilyurt 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#53
m,p-Xylene
Concen: 99.616 ug/L
RT: 11.831 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW027152.D
Acq: 19 Sep 2023 17:03

Tgt Ion:106 Resp: 43691
Ion Ratio Lower Upper
106 100
91 206.3 142.7 265.1





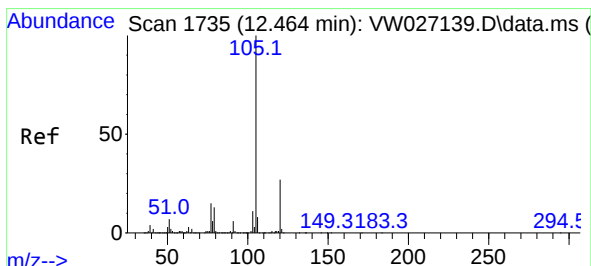
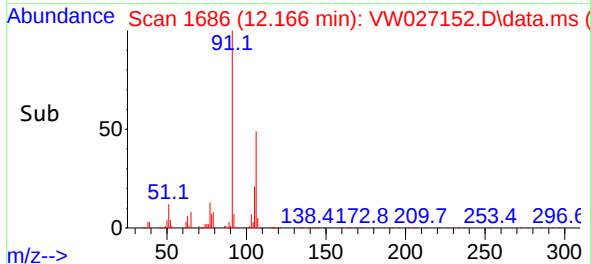
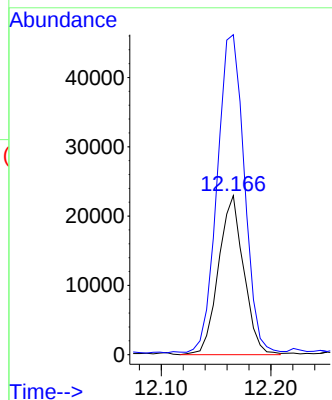
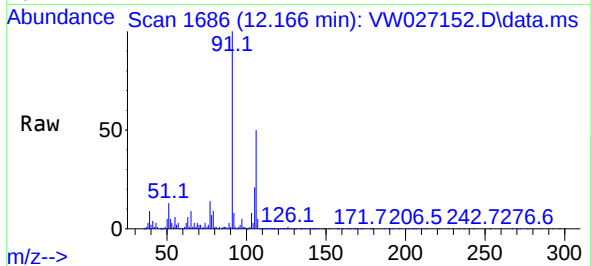
#54
o-Xylene
Concen: 87.752 ug/L
RT: 12.166 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW027152.D
Acq: 19 Sep 2023 17:03

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

Tgt Ion:106 Resp: 3666
Ion Ratio Lower Upper
106 100
91 201.1 140.6 261.0

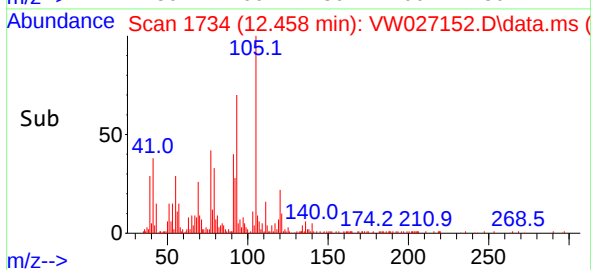
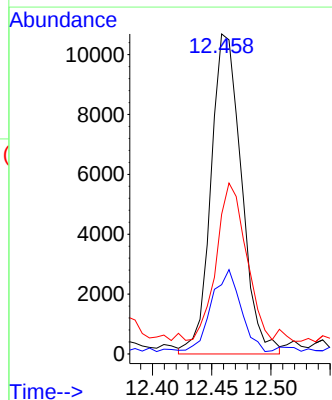
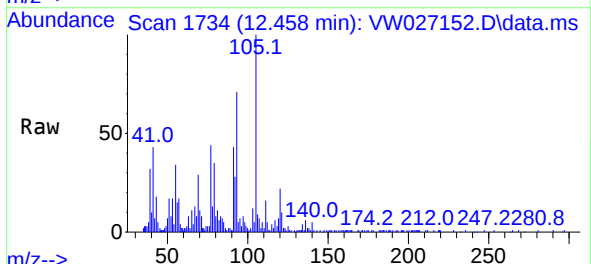
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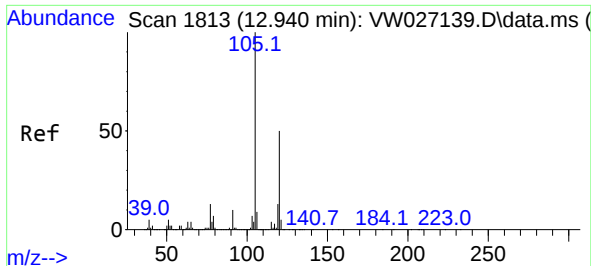
Reviewed By :Semsettin Yesilyurt 09/20/2023
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#60
Isopropylbenzene
Concen: 24.048 ug/L m
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW027152.D
Acq: 19 Sep 2023 17:03

Tgt Ion:105 Resp: 19157
Ion Ratio Lower Upper
105 100
120 39.5 21.0 31.4#
77 19.6 12.0 18.0#





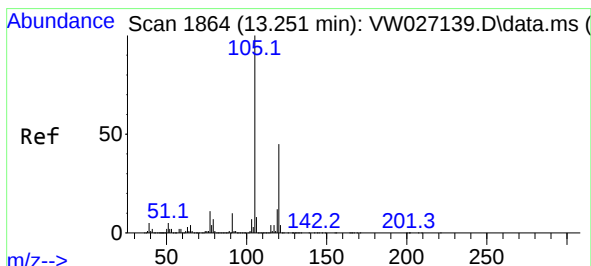
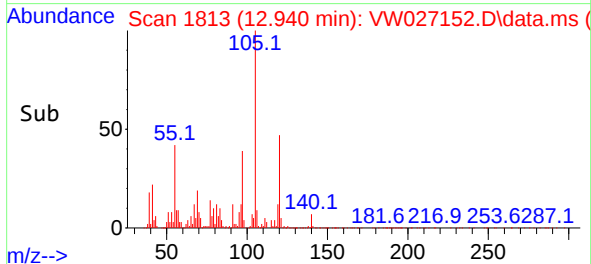
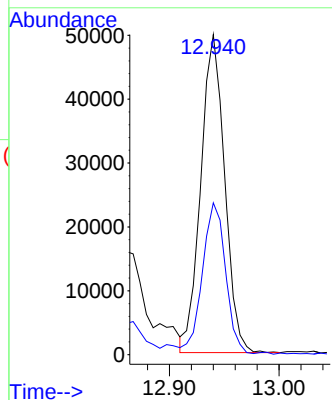
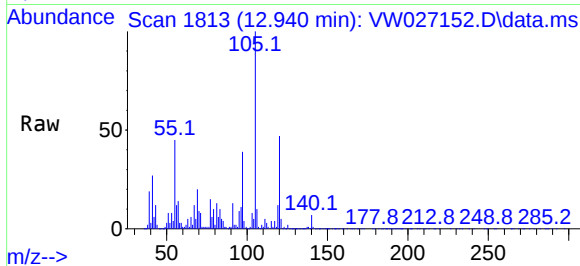
#62
1,3,5-Trimethylbenzene
Concen: 118.120 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027152.D
Acq: 19 Sep 2023 17:03

Instrument :
MSVOA_W
ClientSampleId :
EZY8

Tgt Ion:105 Resp: 7530
Ion Ratio Lower Upper
105 100
120 45.7 40.5 60.7

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#63
1,2,4-Trimethylbenzene
Concen: 125.457 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VW027152.D
Acq: 19 Sep 2023 17:03

Tgt Ion:105 Resp: 77495
Ion Ratio Lower Upper
105 100
120 44.4 36.2 54.2

