

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
 Data File : VW026044.D
 Acq On : 25 May 2023 16:38
 Operator : SY/MD
 Sample : 02950-09
 Misc : 3.47g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW986

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

Quant Time: May 26 00:35:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 26 00:33:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	722556	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	513023	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	166297	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	194388	18.985	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.920%		
7) Chloroethane-d5	2.893	69	186858m	24.616	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.480%		
11) 1,1-Dichloroethene-d2	4.021	65	98762	19.263	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	77.040%		
21) 2-Butanone-d5	7.075	46	227083	67.087	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	134.180%		
24) Chloroform-d	7.648	84	475569	22.825	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.320%		
26) 1,2-Dichloroethane-d4	8.307	65	293772	24.935	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.720%		
32) Benzene-d6	8.270	84	917207	27.361	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	109.440%		
36) 1,2-Dichloropropane-d6	9.276	67	321323	29.959	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	119.840%		
41) Toluene-d8	10.319	98	738390	24.702	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	98.800%		
43) trans-1,3-Dichloroprop...	10.575	79	103279	23.755	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	95.040%		
47) 2-Hexanone-d5	10.922	63	157771	86.265	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	172.540%#		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	234665	28.706	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	114.840%		
66) 1,2-Dichlorobenzene-d4	13.849	152	143836	23.727	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.920%		
Target Compounds					Qvalue	
13) Acetone	4.119	43	35277	11.753	ug/L	98
16) Methylene chloride	4.917	84	86899	5.832	ug/L	95
22) 2-Butanone	7.179	43	15297	3.691	ug/L	89
29) Cyclohexane	7.953	56	33896	2.132	ug/L #	95
35) Methylcyclohexane	9.337	83	248797	15.359	ug/L #	77
53) m,p-Xylene	11.837	106	13163	0.877	ug/L	83
60) Isopropylbenzene	12.465	105	75570m	2.990	ug/L	
63) 1,2,4-Trimethylbenzene	13.245	105	17170	0.929	ug/L	92

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

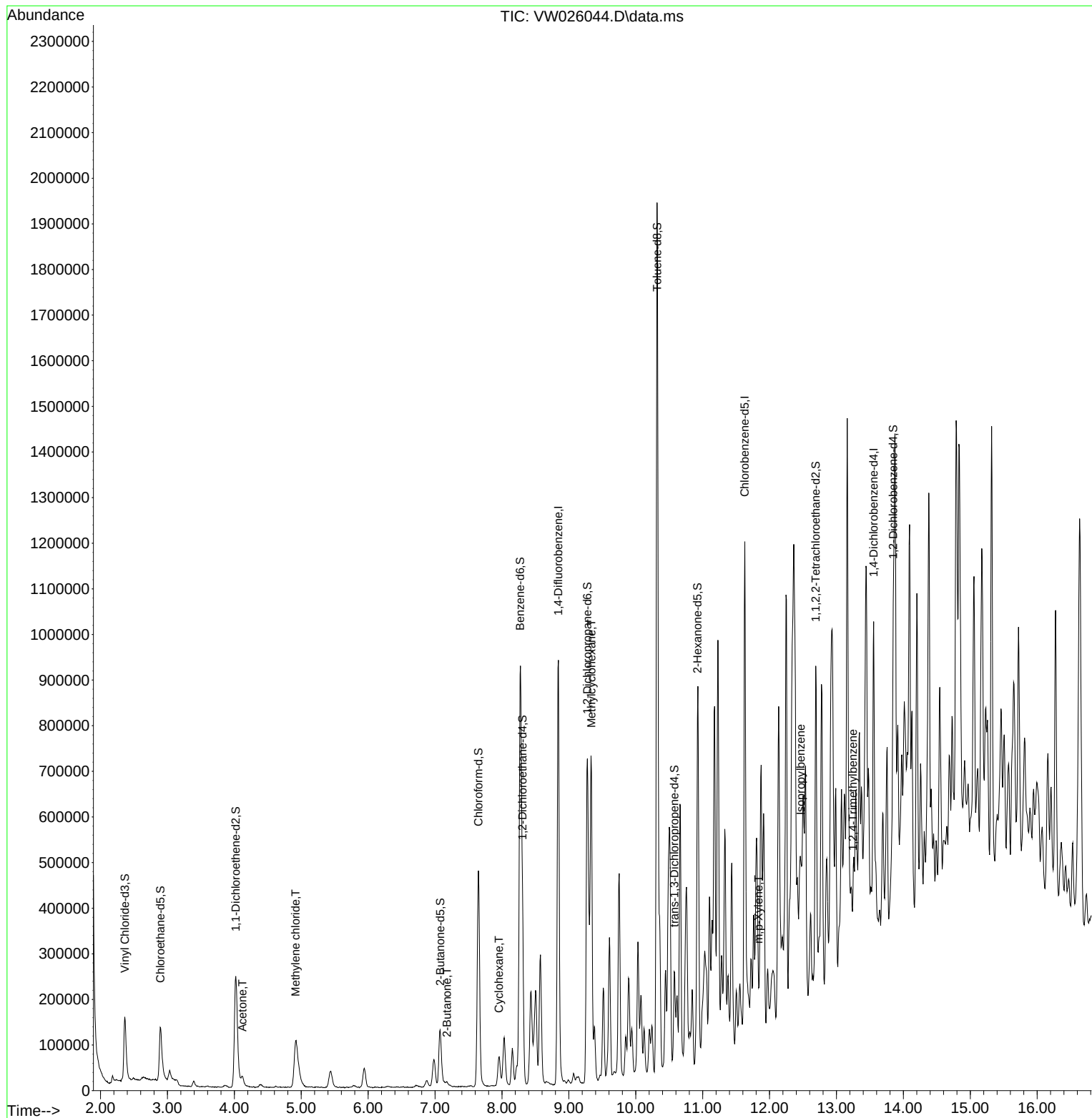
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026044.D
Acq On : 25 May 2023 16:38
Operator : SY/MD
Sample : 02950-09
Misc : 3.47g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

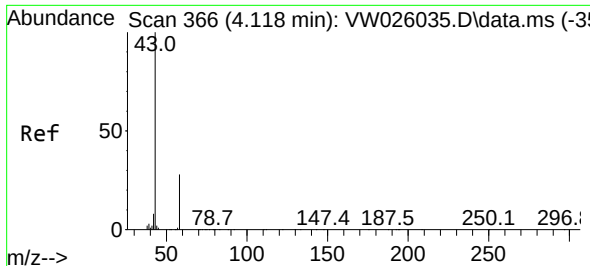
Instrument :
MSVOA_W
ClientSampleId :
EW986

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 05/26/2023
Supervised By : Mahesh Dadoda 05/26/2023

Quant Time: May 26 00:35:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 26 00:33:05 2023
Response via : Initial Calibration





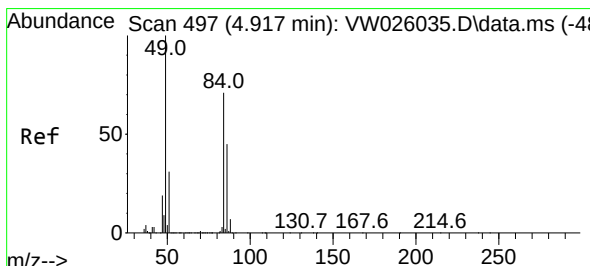
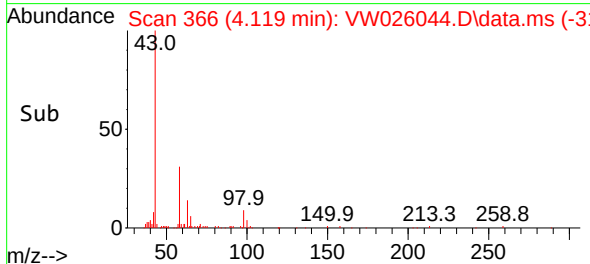
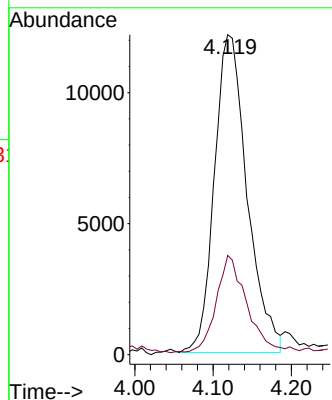
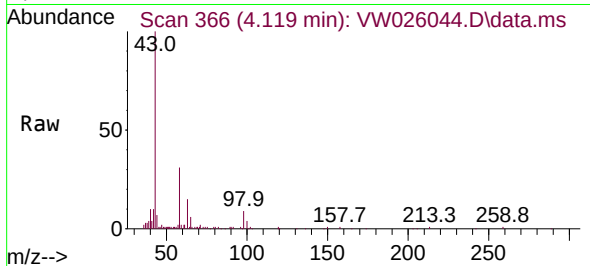
#13
Acetone
Concen: 11.753 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW026044.D
Acq: 25 May 2023 16:38

Instrument :
MSVOA_W
ClientSampleId :
EW986

Tgt Ion: 43 Resp: 3527
Ion Ratio Lower Upper
43 100
58 28.0 0.0 58.2

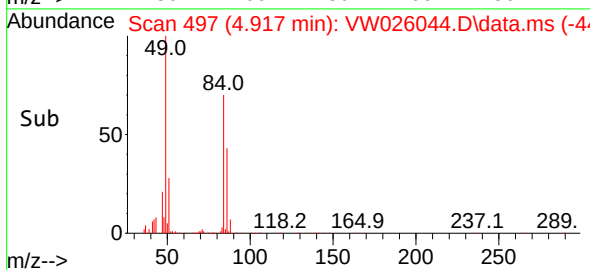
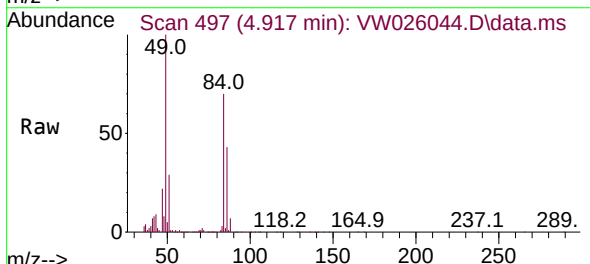
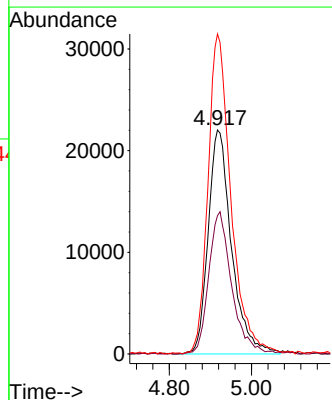
Manual Integrations
APPROVED

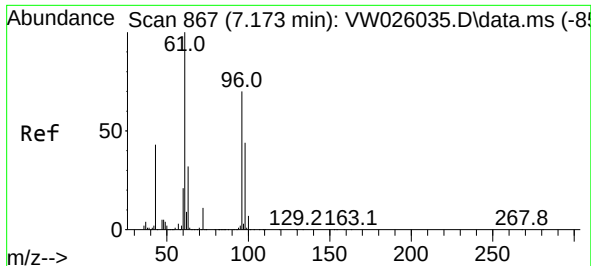
Reviewed By :Semsettin Yesilyurt 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#16
Methylene chloride
Concen: 5.832 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026044.D
Acq: 25 May 2023 16:38

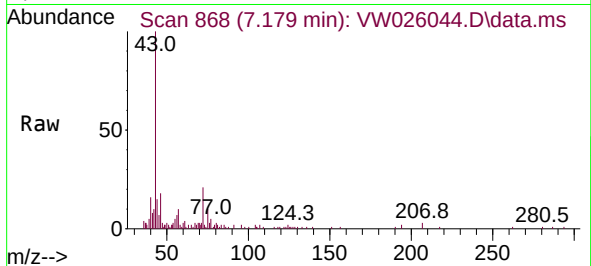
Tgt Ion: 84 Resp: 86899
Ion Ratio Lower Upper
84 100
86 61.7 41.7 77.5
49 142.8 95.3 177.1





#22
2-Butanone
Concen: 3.691 ug/L
RT: 7.179 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026044.D
Acq: 25 May 2023 16:38

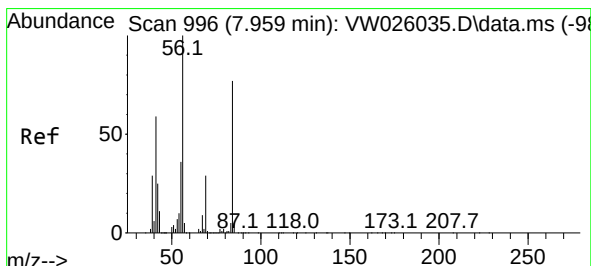
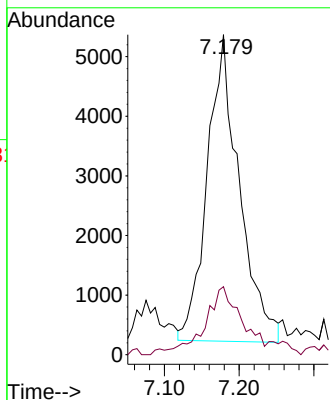
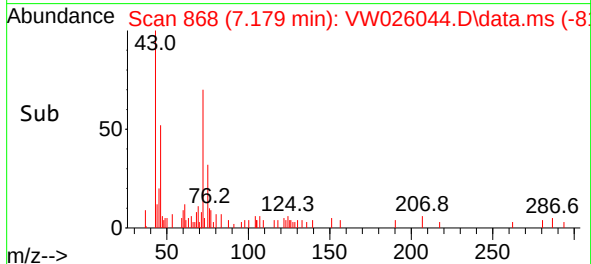
Instrument :
MSVOA_W
ClientSampleId :
EW986



Tgt Ion: 43 Resp: 1529
Ion Ratio Lower Upper
43 100
72 18.2 11.8 35.4

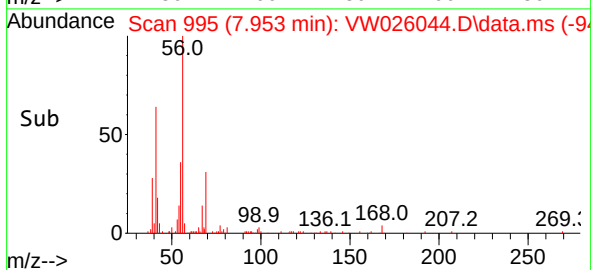
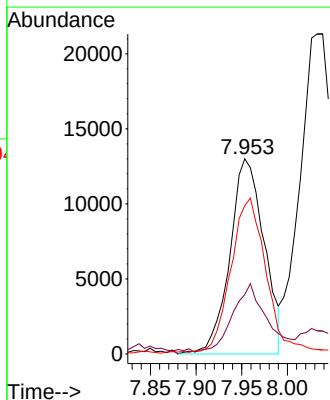
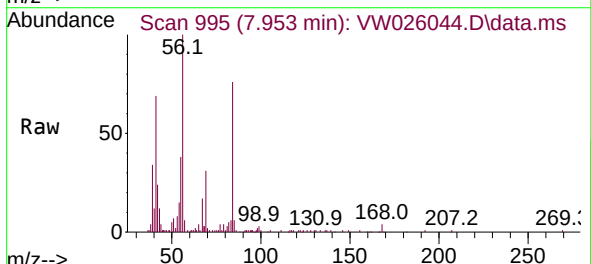
Manual Integrations
APPROVED

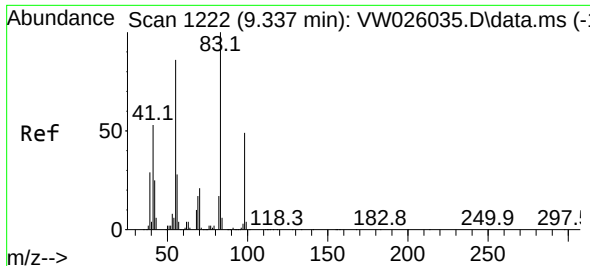
Reviewed By :Semsettin Yesilyurt 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#29
Cyclohexane
Concen: 2.132 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW026044.D
Acq: 25 May 2023 16:38

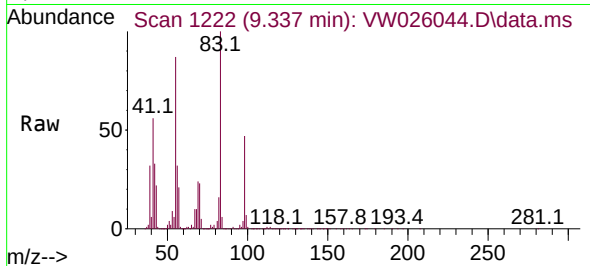
Tgt Ion: 56 Resp: 33896
Ion Ratio Lower Upper
56 100
69 35.2 23.4 35.0#
84 81.0 63.3 94.9





#35
Methylcyclohexane
Concen: 15.359 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW026044.D
Acq: 25 May 2023 16:38

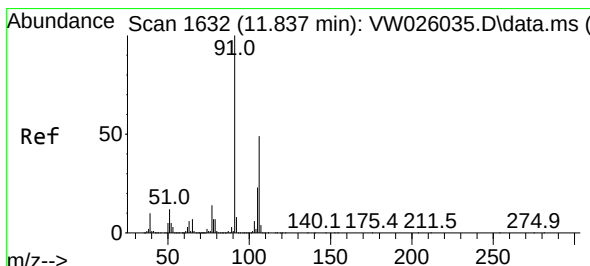
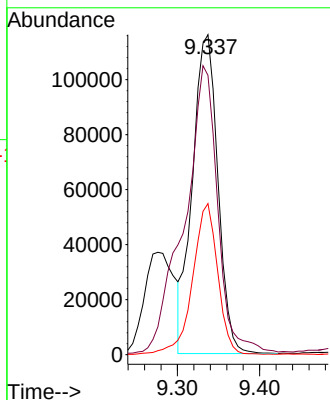
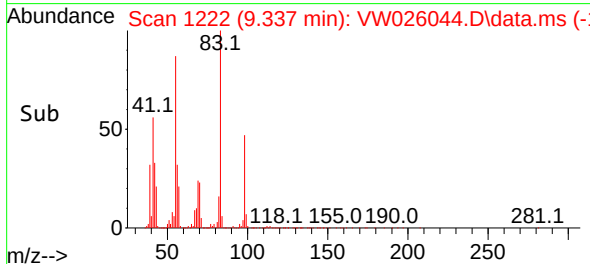
Instrument :
MSVOA_W
ClientSampleId :
EW986



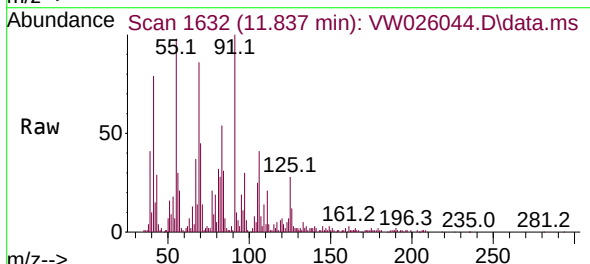
Tgt Ion: 83 Resp: 24879
Ion Ratio Lower Upper
83 100
55 118.1 69.0 103.4
98 46.8 37.1 55.7

Manual Integrations
APPROVED

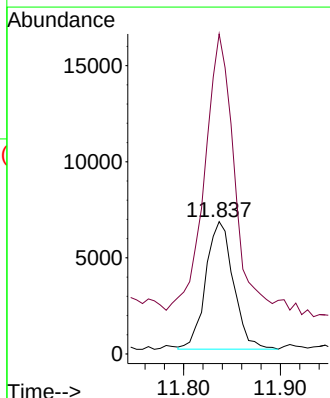
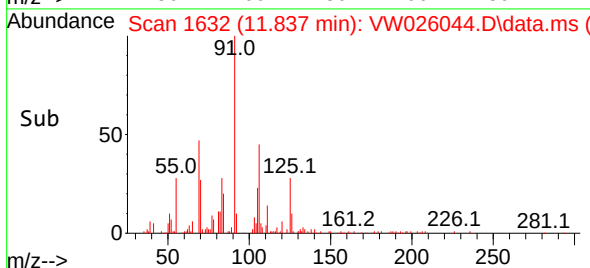
Reviewed By :Semsettin Yesilyurt 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

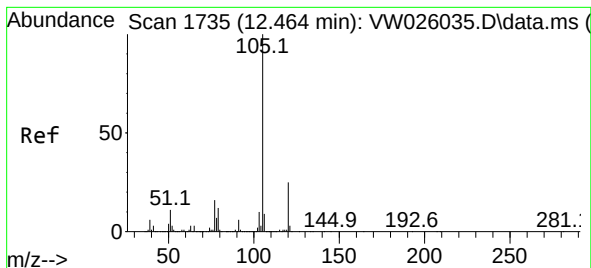


#53
m,p-Xylene
Concen: 0.877 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026044.D
Acq: 25 May 2023 16:38



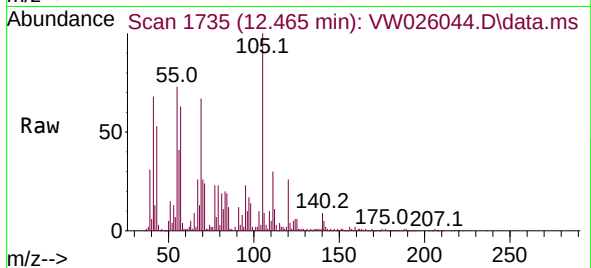
Tgt Ion:106 Resp: 13163
Ion Ratio Lower Upper
106 100
91 241.8 150.1 278.9





#60
Isopropylbenzene
Concen: 2.990 ug/L m
RT: 12.465 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW026044.D
Acq: 25 May 2023 16:38

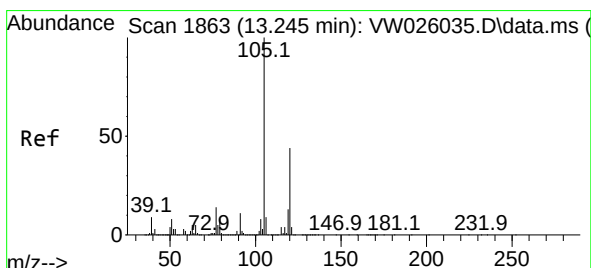
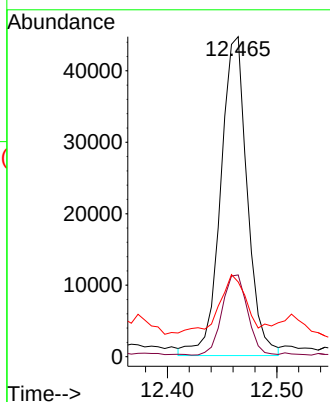
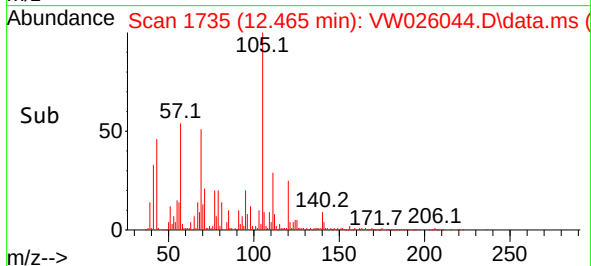
Instrument :
MSVOA_W
ClientSampleId :
EW986



Tgt Ion:105 Resp: 75570
Ion Ratio Lower Upper
105 100
120 31.5 21.1 31.7
77 19.9 13.4 20.0

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#63
1,2,4-Trimethylbenzene
Concen: 0.929 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026044.D
Acq: 25 May 2023 16:38

Tgt Ion:105 Resp: 17170
Ion Ratio Lower Upper
105 100
120 38.2 34.7 52.1

