

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021027.D
 Acq On : 02 Dec 2021 06:16
 Operator : SY/VA
 Sample : M4881-15
 Misc : 4.31g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9F1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/03/2021
 Supervised By : Amit Patel 12/07/2021

Quant Time: Dec 03 00:23:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 02 07:10:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	70427	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	31250	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	4367	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	18768	22.974	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.880%		
7) Chloroethane-d5	2.885	69	13542	25.703	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	102.800%		
11) 1,1-Dichloroethene-d2	4.013	63	22170	14.026	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	56.120%		
21) 2-Butanone-d5	7.080	46	9505	46.615	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	93.240%		
24) Chloroform-d	7.647	84	43506	24.517	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	98.080%		
26) 1,2-Dichloroethane-d4	8.305	65	21185	23.520	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	94.080%		
32) Benzene-d6	8.275	84	71153	43.201	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	172.800%#		
36) 1,2-Dichloropropane-d6	9.274	67	22482	47.935	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	191.760%#		
41) Toluene-d8	10.323	98	45964	28.117	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	112.480%		
43) trans-1,3-Dichloroprop...	10.579	79	4360	19.668	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	78.680%		
47) 2-Hexanone-d5	10.927	63	5882	75.618	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	151.240%#		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	12148	33.811	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	135.240%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	3668	23.566	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.280%		
Target Compounds					Qvalue	
13) Acetone	4.129	43	1627	8.937	ug/L	94
16) Methylene chloride	4.915	84	4667	4.751	ug/L #	70
27) 1,2-Dichloroethane	8.403	62	5317	5.098	ug/L #	90
29) Cyclohexane	7.945	56	726m	1.042	ug/L	
34) Trichloroethene	9.092	95	45563	92.064	ug/L	90
35) Methylcyclohexane	9.329	83	1531m	1.876	ug/L	
42) Toluene	10.390	91	8165	4.103	ug/L	90
52) Ethylbenzene	11.725	91	1770	0.803	ug/L	98
53) m,p-Xylene	11.835	106	2475	2.749	ug/L	83
54) o-Xylene	12.164	106	1021	1.181	ug/L	76
60) Isopropylbenzene	12.463	105	467	0.785	ug/L #	68
62) 1,3,5-Trimethylbenzene	12.938	105	545m	1.086	ug/L	
63) 1,2,4-Trimethylbenzene	13.249	105	1157	2.337	ug/L	98

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

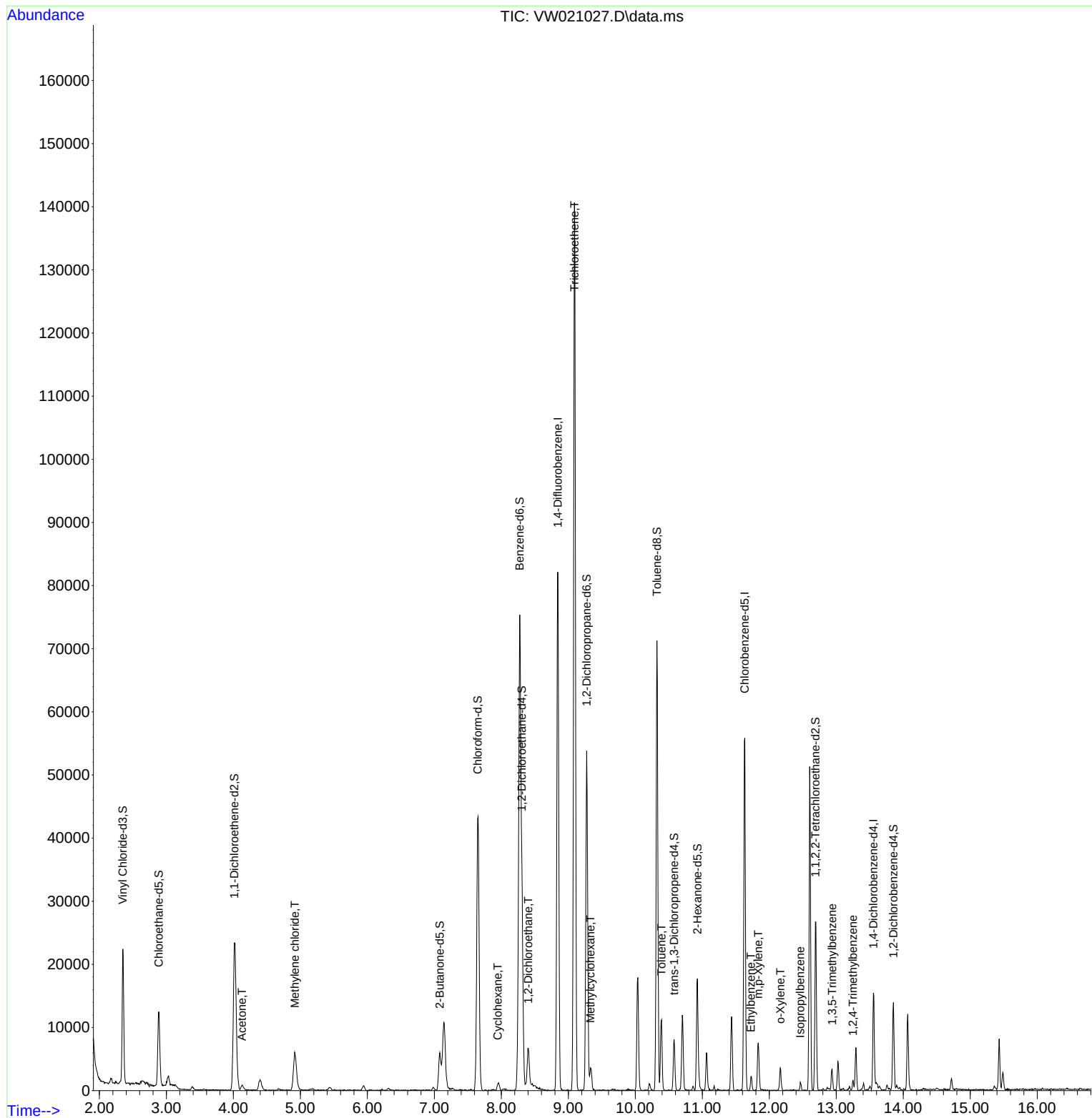
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
Data File : VW021027.D
Acq On : 02 Dec 2021 06:16
Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

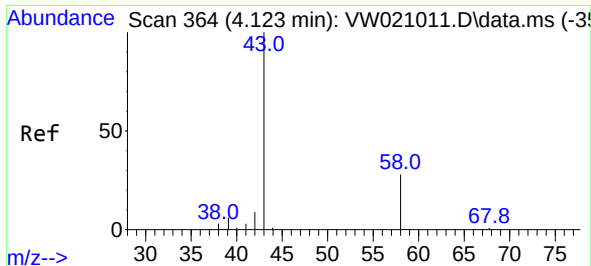
Instrument :
MSVOA_W
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EW9F1

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Supervised By :Amit Patel 12/07/2021

Quant Time: Dec 03 00:23:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 02 07:10:34 2021
Response via : Initial Calibration





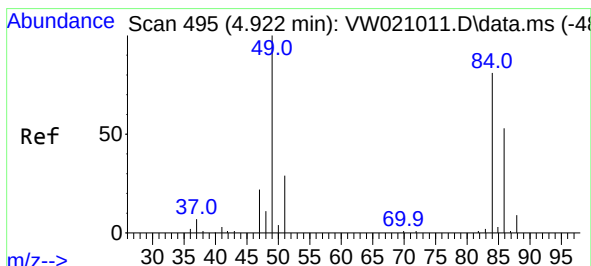
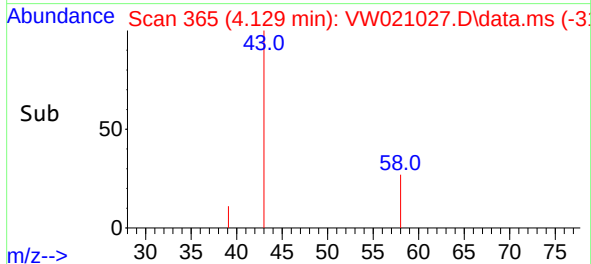
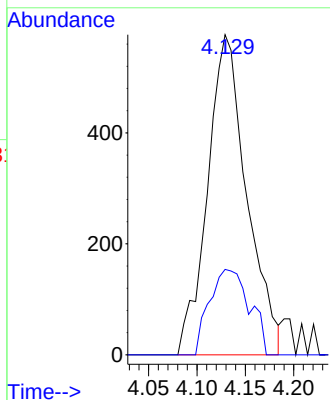
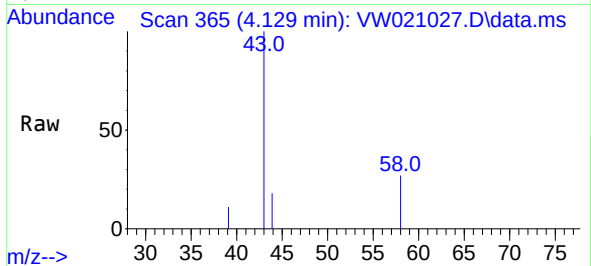
#13
Acetone
Concen: 8.937 ug/L
RT: 4.129 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW021027.D
Acq: 02 Dec 2021 06:16

Instrument :
MSVOA_W
ClientSampleId :
EW9F1

Tgt Ion: 43 Resp: 162
Ion Ratio Lower Upper
43 100
58 23.5 0.0 52.8

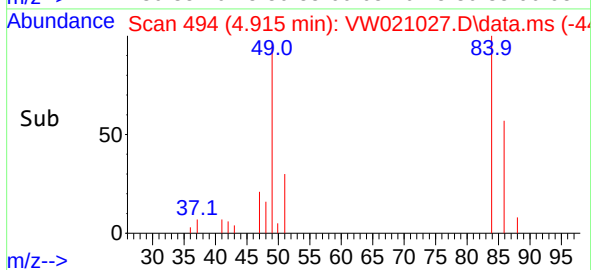
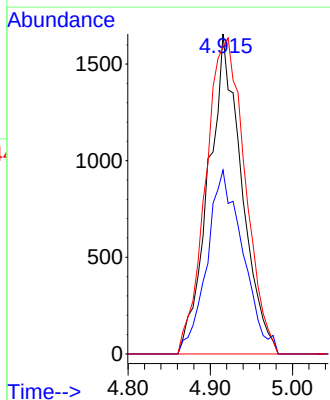
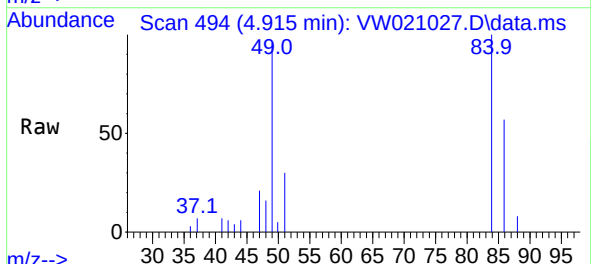
Manual Integrations
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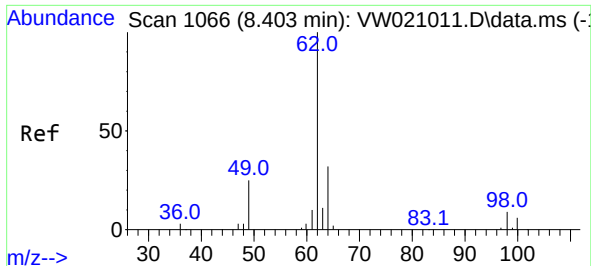
Reviewed By :Semsettin Yesilyurt 12/03/2021
Supervised By :Amit Patel 12/07/2021



#16
Methylene chloride
Concen: 4.751 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW021027.D
Acq: 02 Dec 2021 06:16

Tgt Ion: 84 Resp: 4667
Ion Ratio Lower Upper
84 100
86 57.4 45.5 84.5
49 95.9 100.5 186.7#





#27

1,2-Dichloroethane

Concen: 5.098 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW021027.D

Acq: 02 Dec 2021 06:16

Instrument :

MSVOA_W

ClientSampleId :

EW9F1

Tgt Ion: 62 Resp: 531

Ion Ratio Lower Upper

62 100

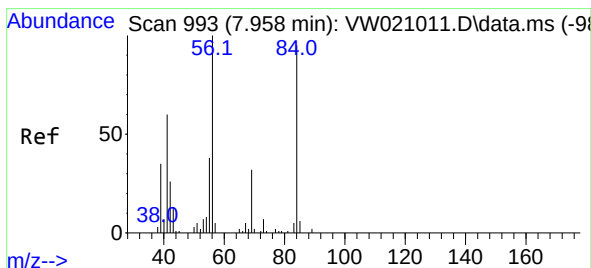
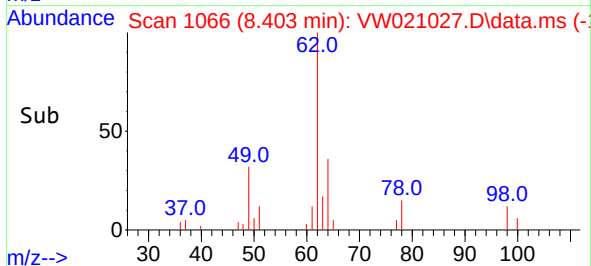
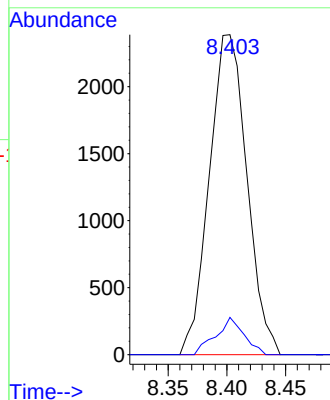
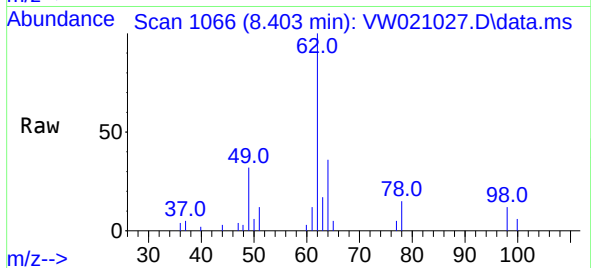
98 11.6 6.5 9.7

Manual Integrations

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#29

Cyclohexane

Concen: 1.042 ug/L m

RT: 7.945 min Scan# 991

Delta R.T. -0.012 min

Lab File: VW021027.D

Acq: 02 Dec 2021 06:16

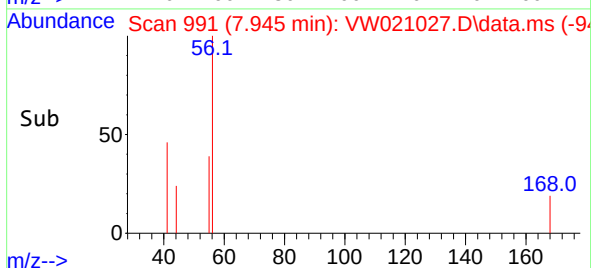
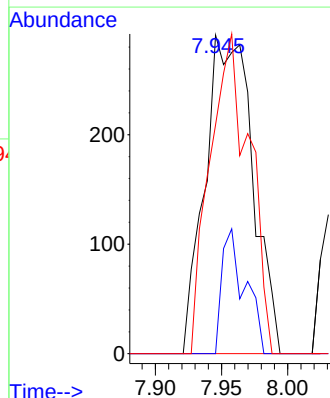
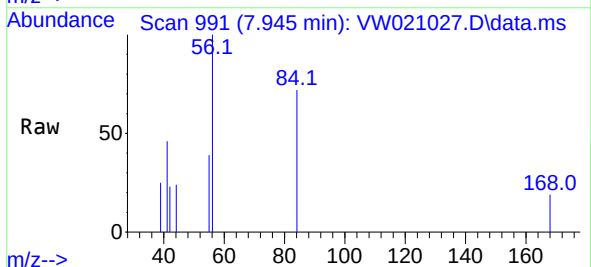
Tgt Ion: 56 Resp: 726

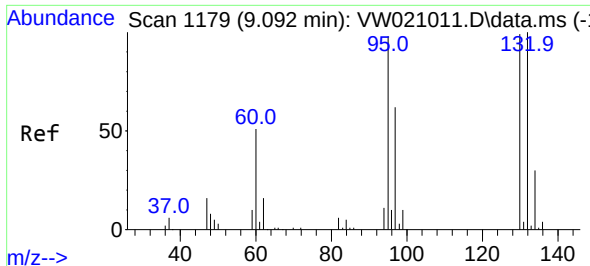
Ion Ratio Lower Upper

56 100

69 13.1 23.5 35.3#

84 61.2 63.4 95.2#





#34

Trichloroethene

Concen: 92.064 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW021027.D

Acq: 02 Dec 2021 06:16

Instrument :

MSVOA_W

ClientSampleId :

EW9F1

Tgt Ion: 95 Resp: 4556

Ion Ratio Lower Upper

95 100

97 63.1 47.0 87.2

132 107.1 65.5 121.6

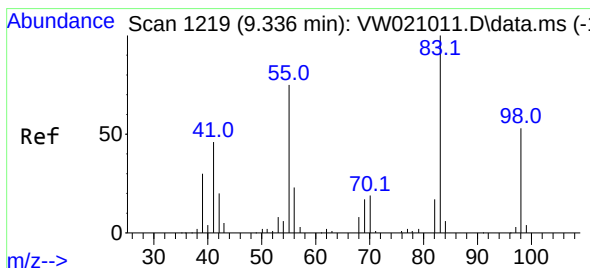
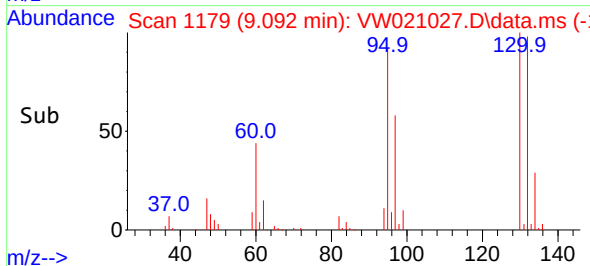
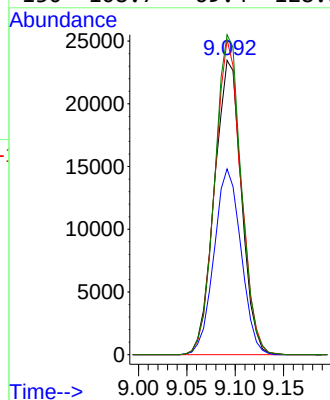
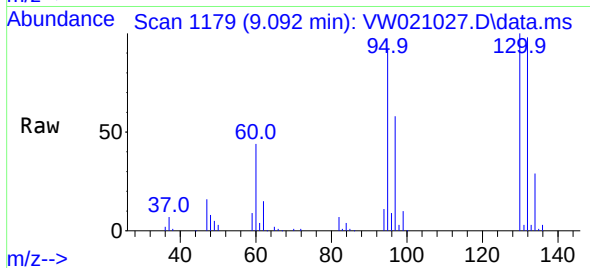
130 108.7 69.4 128.8

Manual Integrations

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Supervised By :Amit Patel 12/07/2021



#35

Methylcyclohexane

Concen: 1.876 ug/L m

RT: 9.329 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VW021027.D

Acq: 02 Dec 2021 06:16

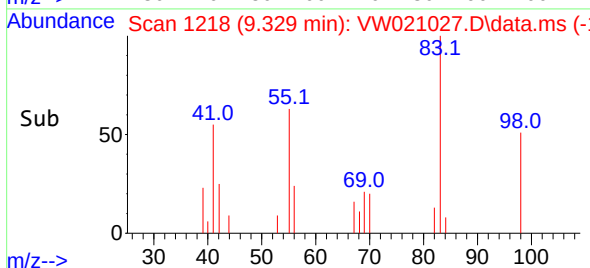
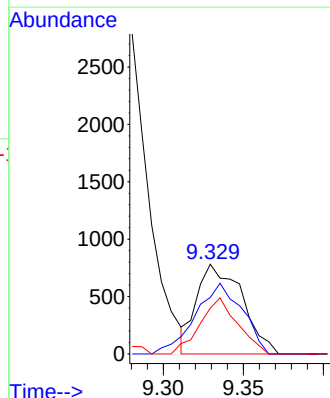
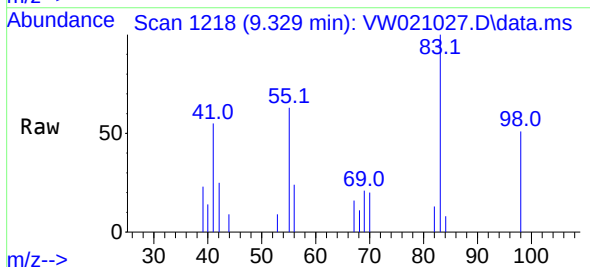
Tgt Ion: 83 Resp: 1531

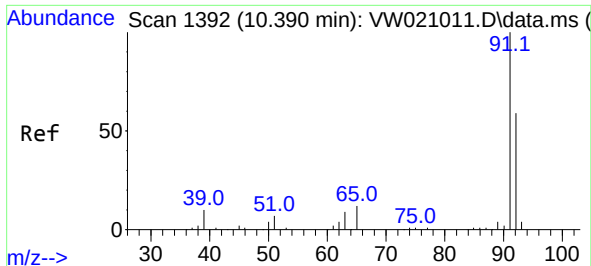
Ion Ratio Lower Upper

83 100

55 81.6 70.8 106.2

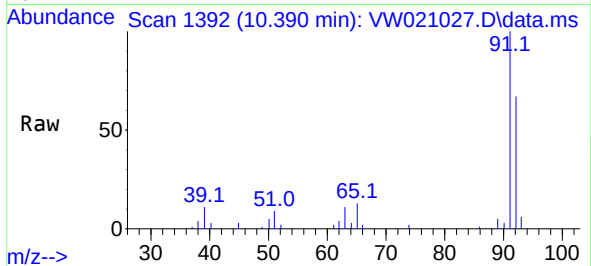
98 51.9 37.7 56.5





#42
Toluene
Concen: 4.103 ug/L
RT: 10.390 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021027.D
Acq: 02 Dec 2021 06:16

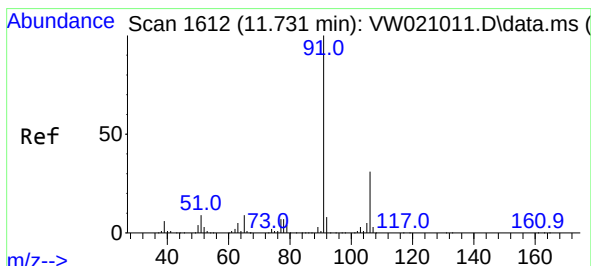
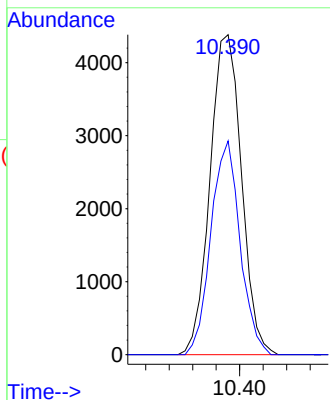
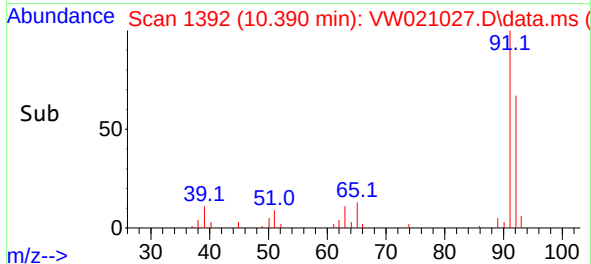
Instrument :
MSVOA_W
ClientSampleId :
EW9F1



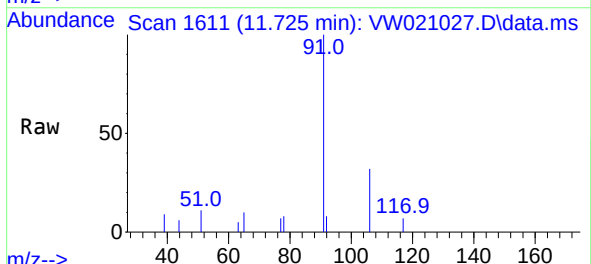
Tgt Ion: 91 Resp: 816
Ion Ratio Lower Upper
91 100
92 66.8 41.7 77.5

Manual Integrations
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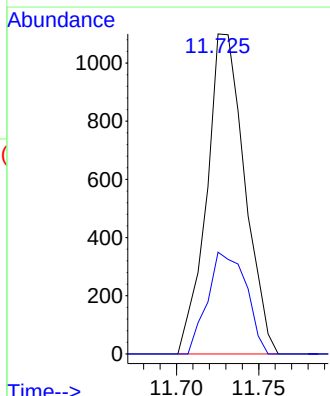
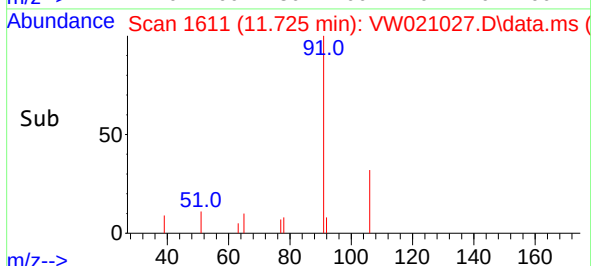
Reviewed By :Semsettin Yesilyurt 12/03/2021
Supervised By :Amit Patel 12/07/2021

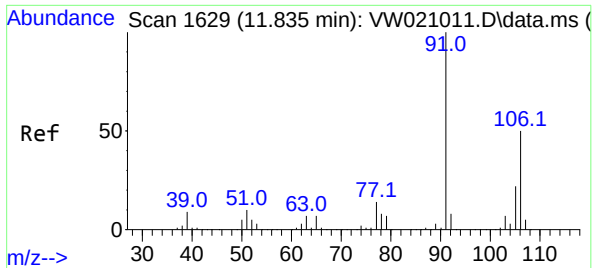


#52
Ethylbenzene
Concen: 0.803 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW021027.D
Acq: 02 Dec 2021 06:16



Tgt Ion: 91 Resp: 1770
Ion Ratio Lower Upper
91 100
106 31.8 21.5 39.9





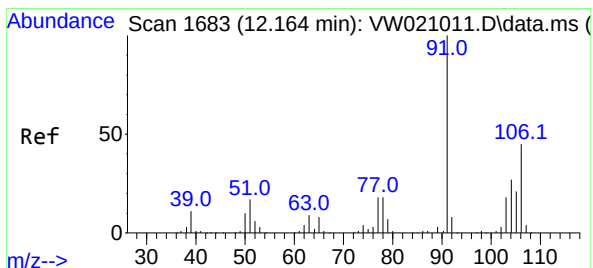
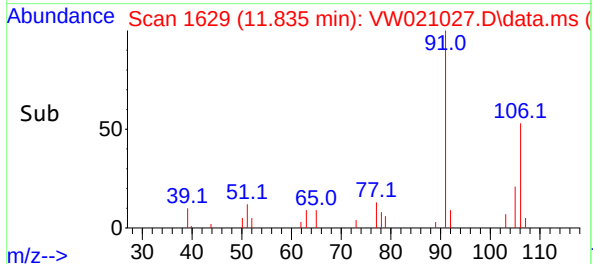
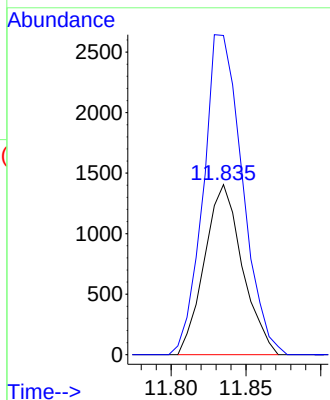
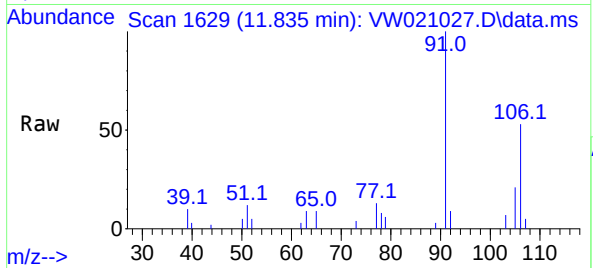
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m,p-Xylene
Concen: 2.749 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021027.D
Acq: 02 Dec 2021 06:16

Instrument :
MSVOA_W
ClientSampleId :
EW9F1

Tgt Ion:106 Resp: 247
Ion Ratio Lower Upper
106 100
91 187.6 149.9 278.3

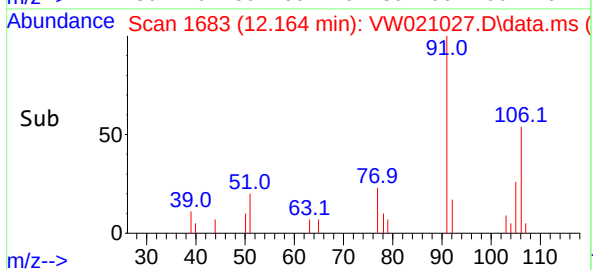
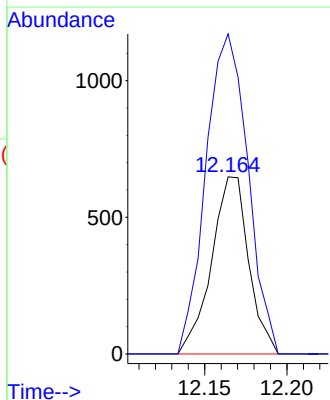
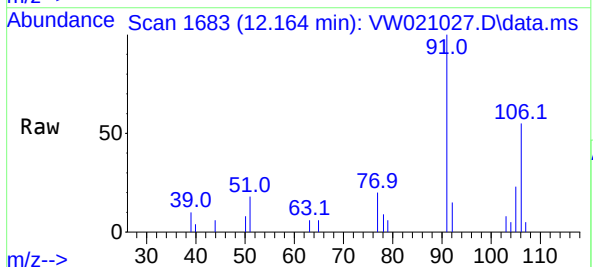
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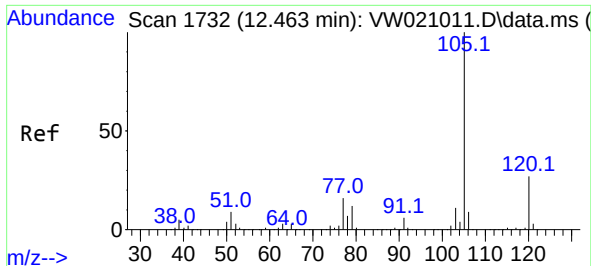
Reviewed By :Semsettin Yesilyurt 12/03/2021
Supervised By :Amit Patel 12/07/2021



#54
o-Xylene
Concen: 1.181 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021027.D
Acq: 02 Dec 2021 06:16

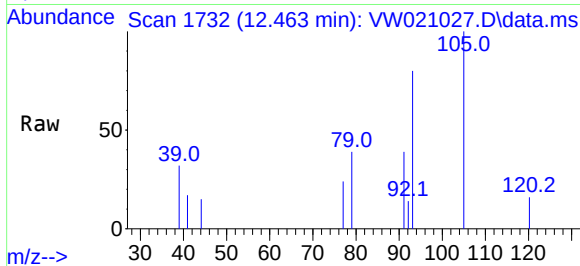
Tgt Ion:106 Resp: 1021
Ion Ratio Lower Upper
106 100
91 180.7 153.6 285.3





#60
Isopropylbenzene
Concen: 0.785 ug/L
RT: 12.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021027.D
Acq: 02 Dec 2021 06:16

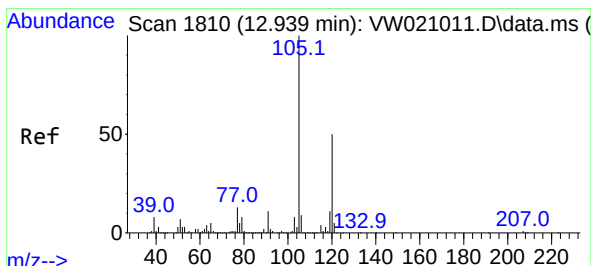
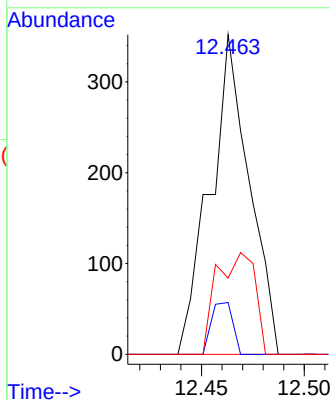
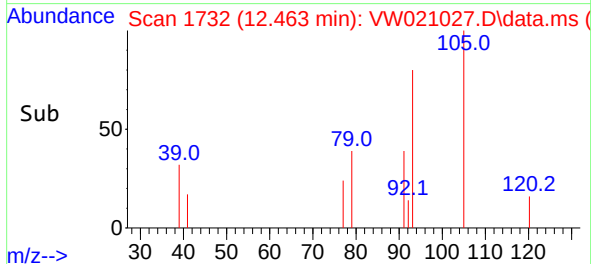
Instrument :
MSVOA_W
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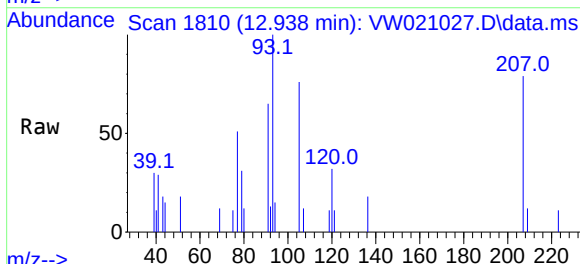
Tgt Ion:105 Resp: 46
Ion Ratio Lower Upper
105 100
120 8.8 20.1 30.1
77 30.8 13.8 20.8

Manual Integrations
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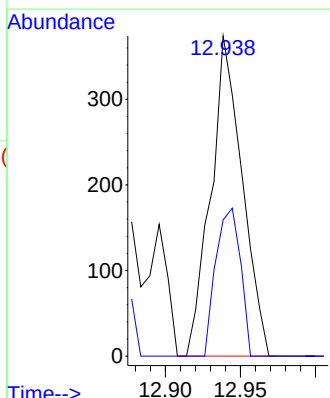
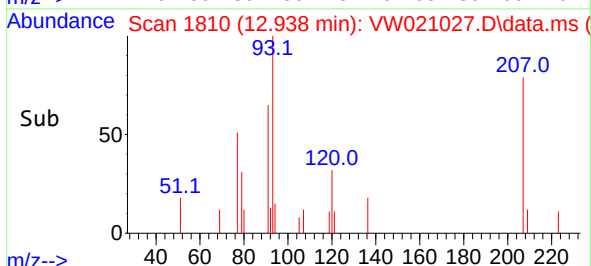
Reviewed By :Semsettin Yesilyurt 12/03/2021
Supervised By :Amit Patel 12/07/2021

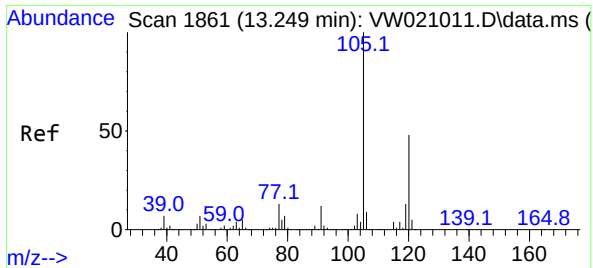


#62
1,3,5-Trimethylbenzene
Concen: 1.086 ug/L m
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW021027.D
Acq: 02 Dec 2021 06:16



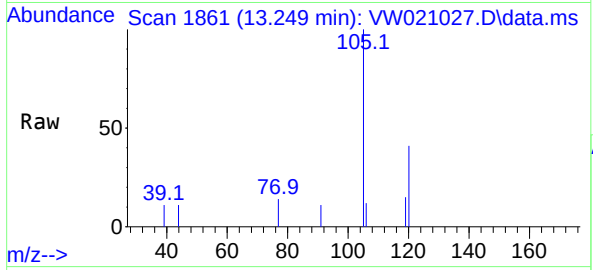
Tgt Ion:105 Resp: 545
Ion Ratio Lower Upper
105 100
120 90.8 37.4 56.2#





#63
 1,2,4-Trimethylbenzene
 Concen: 2.337 ug/L
 RT: 13.249 min Scan# 115
 Delta R.T. -0.000 min
 Lab File: VW021027.D
 Acq: 02 Dec 2021 06:16

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9F1



Tgt Ion:105 Resp: 115
 Ion Ratio Lower Upper
 105 100
 120 42.8 35.0 52.6

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