

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
 Data File : VW021764.D
 Acq On : 06 Jan 2022 17:56
 Operator : SY/VA
 Sample : N1025-05
 Misc : 6.97g/10mL/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLG9

Manual Integrations
 APPROVED

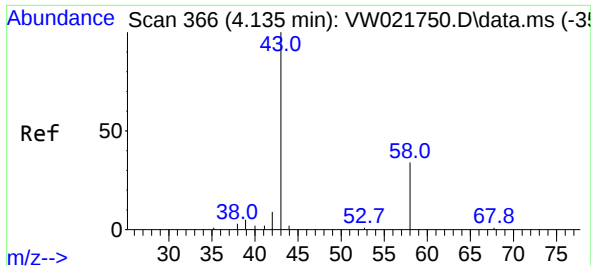
Reviewed By : Semsettin Yesilyurt 01/11/2022
 Supervised By : Mahesh Dadoda 01/12/2022

Quant Time: Jan 07 00:23:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 04 00:22:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	183298	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	180856	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	95483	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	61355	16.977	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	67.920%		
7) Chloroethane-d5	2.885	69	47484	19.508	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.040%		
11) 1,1-Dichloroethene-d2	4.013	63	70516	13.333	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	53.320%		
21) 2-Butanone-d5	7.092	46	21774	41.181	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	82.360%		
24) Chloroform-d	7.653	84	115560	20.182	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	80.720%		
26) 1,2-Dichloroethane-d4	8.305	65	58888m	19.477	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	77.920%		
32) Benzene-d6	8.275	84	238915	22.248	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	89.000%		
36) 1,2-Dichloropropane-d6	9.274	67	65001	22.313	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.240%		
41) Toluene-d8	10.323	98	237526	22.200	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.800%		
43) trans-1,3-Dichloroprop...	10.579	79	25630	18.080	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	72.320%		
47) 2-Hexanone-d5	10.927	63	20452	46.291	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	92.580%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	48960	20.385	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	81.560%		
66) 1,2-Dichlorobenzene-d4	13.853	152	83690	22.920	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.680%		
Target Compounds						Qvalue
13) Acetone	4.153	43	14144	31.506	ug/L	81
19) 1,1-Dichloroethane	6.226	63	2559	0.572	ug/L	92
20) cis-1,2-Dichloroethene	7.177	96	2395	0.805	ug/L #	54
35) Methylcyclohexane	9.335	83	29379	5.684	ug/L #	60
40) 4-Methyl-2-pentanone	10.213	43	3191	2.369	ug/L #	88
52) Ethylbenzene	11.731	91	59205	4.141	ug/L	87
53) m,p-Xylene	11.835	106	20213	3.528	ug/L	88
54) o-Xylene	12.164	106	9053	1.667	ug/L	94
60) Isopropylbenzene	12.463	105	157642	11.844	ug/L	94
62) 1,3,5-Trimethylbenzene	12.945	105	11827	1.051	ug/L	91
63) 1,2,4-Trimethylbenzene	13.249	105	671276	60.055	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	3852	0.613	ug/L #	50
67) 1,2-Dichlorobenzene	13.871	146	11701	2.133	ug/L #	70
70) 1,2,4-trichlorobenzene	15.127	180	49330	13.387	ug/L #	88
72) 1,2,3-Trichlorobenzene	15.548	180	11204	3.612	ug/L #	67

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



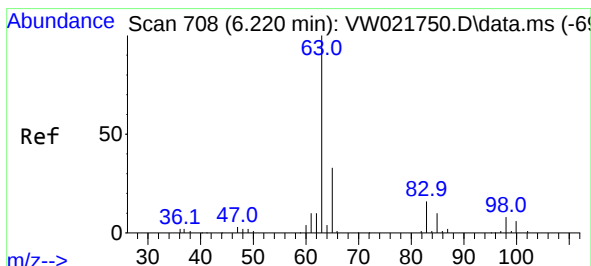
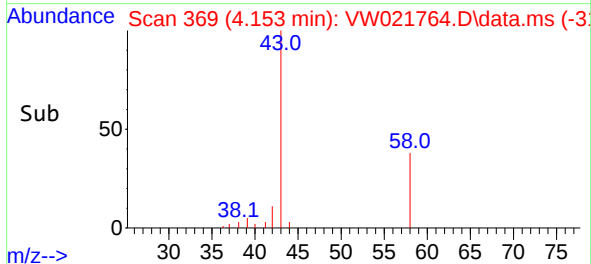
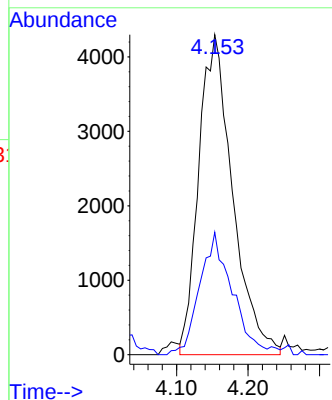
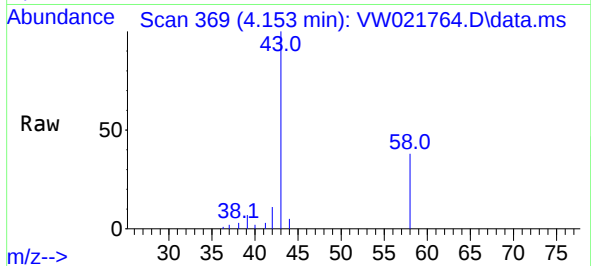
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Acetone
Concen: 31.506 ug/L
RT: 4.153 min Scan# 30
Delta R.T. 0.024 min
Lab File: VW021764.D
Acq: 06 Jan 2022 17:56

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

Tgt Ion: 43 Resp: 1414
Ion Ratio Lower Upper
43 100
58 36.4 0.0 52.8

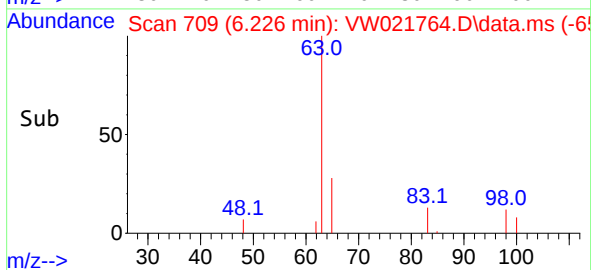
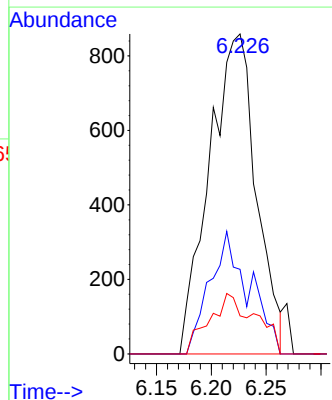
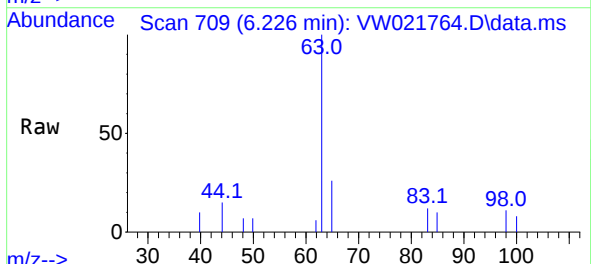
Manual Integrations
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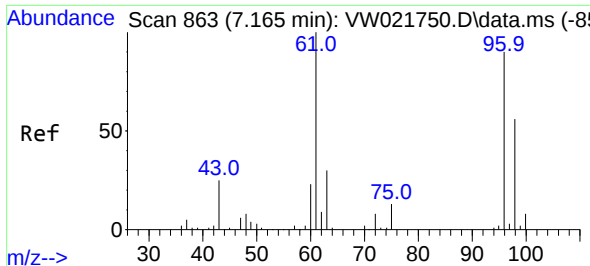
Reviewed By :Semsettin Yesilyurt 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022



#19
1,1-Dichloroethane
Concen: 0.572 ug/L
RT: 6.226 min Scan# 709
Delta R.T. 0.012 min
Lab File: VW021764.D
Acq: 06 Jan 2022 17:56

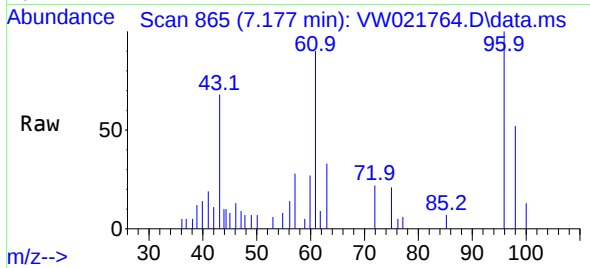
Tgt Ion: 63 Resp: 2559
Ion Ratio Lower Upper
63 100
65 26.4 22.1 41.1
83 11.9 9.2 17.2





#20
cis-1,2-Dichloroethene
Concen: 0.805 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW021764.D
Acq: 06 Jan 2022 17:56

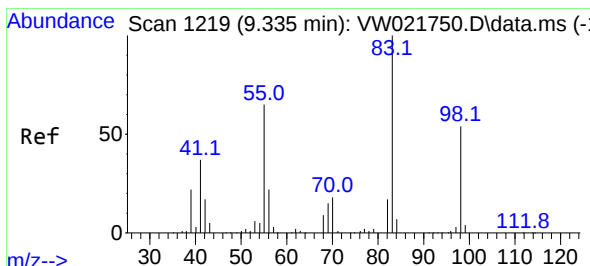
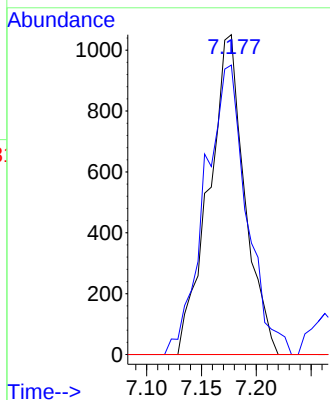
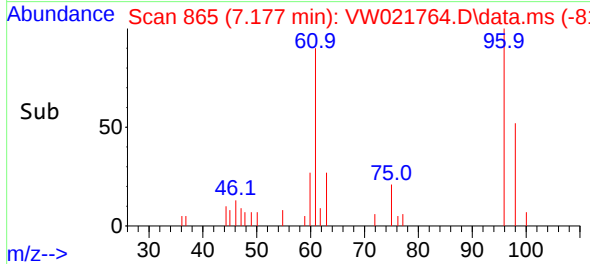
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ClientSampleId :
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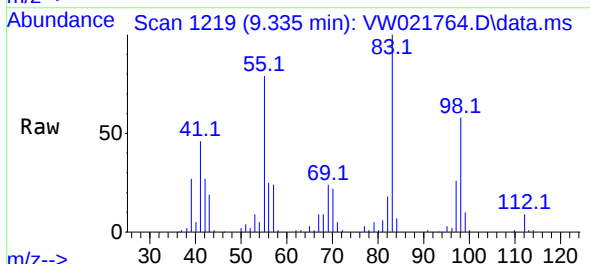
Tgt Ion: 96 Resp: 239
Ion Ratio Lower Upper
96 100
61 90.5 103.7 192.7
68 0.0 0.0 0.0

Manual Integrations
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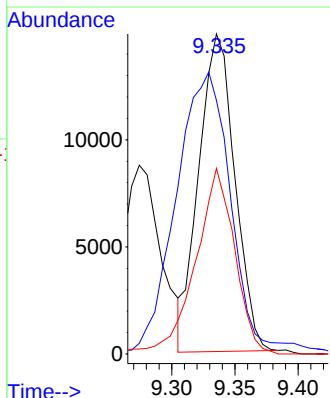
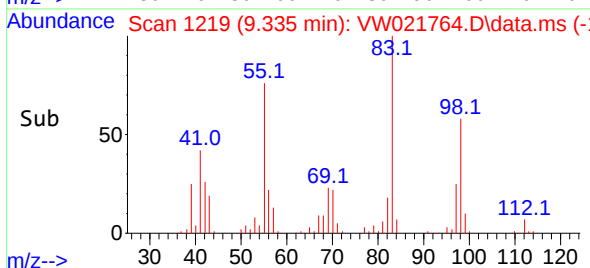
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Supervised By :Mahesh Dadoda 01/12/2022

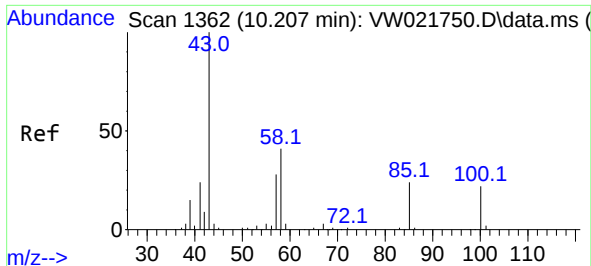


#35
Methylcyclohexane
Concen: 5.684 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021764.D
Acq: 06 Jan 2022 17:56



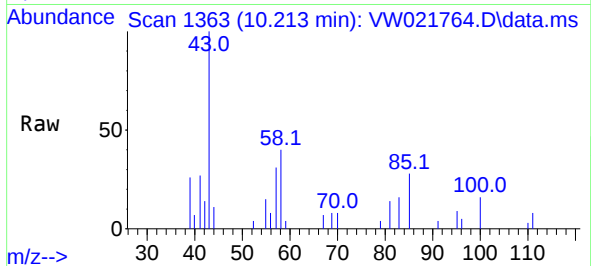
Tgt Ion: 83 Resp: 29379
Ion Ratio Lower Upper
83 100
55 134.0 70.8 106.2#
98 63.7 37.7 56.5#





#40
4-Methyl-2-pentanone
Concen: 2.369 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW021764.D
Acq: 06 Jan 2022 17:56

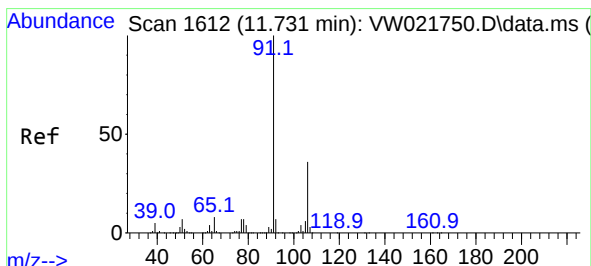
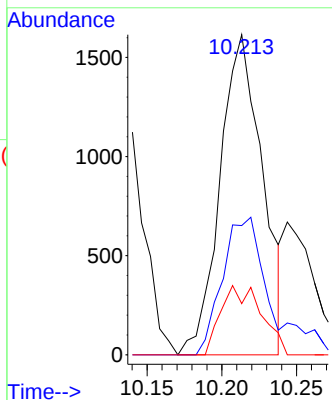
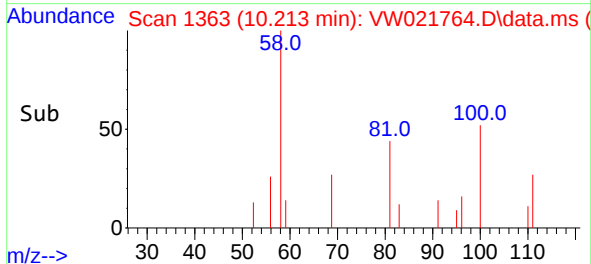
Instrument :
MSVOA_W
ClientSampleId :
BGLG9



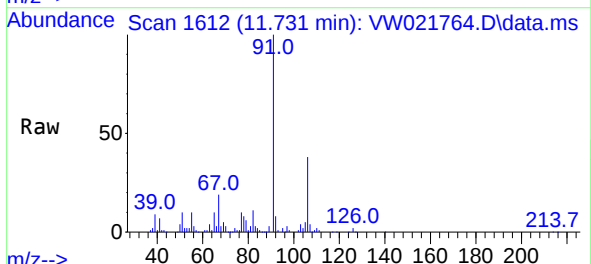
Tgt Ion: 43 Resp: 319
Ion Ratio Lower Upper
43 100
58 41.1 28.8 43.2
100 20.7 10.0 15.0

Manual Integrations
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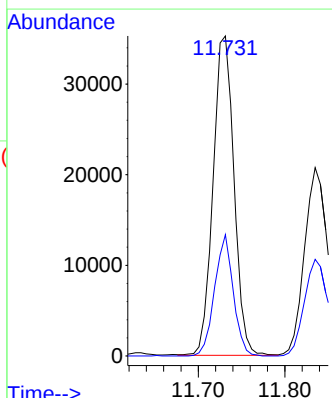
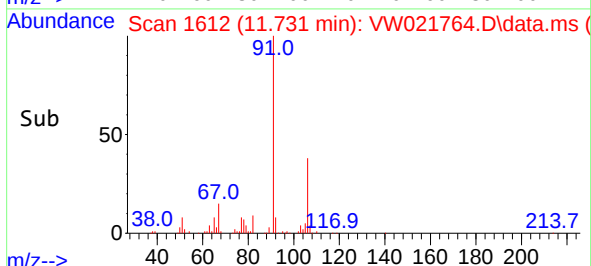
Reviewed By :Semsettin Yesilyurt 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022

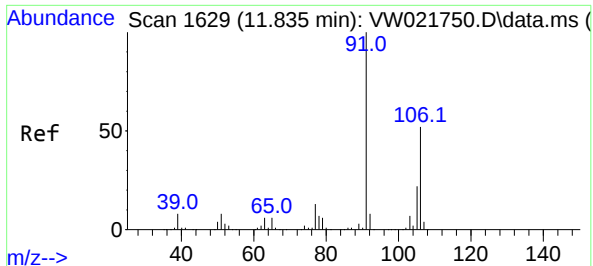


#52
Ethylbenzene
Concen: 4.141 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021764.D
Acq: 06 Jan 2022 17:56



Tgt Ion: 91 Resp: 59205
Ion Ratio Lower Upper
91 100
106 37.9 21.5 39.9





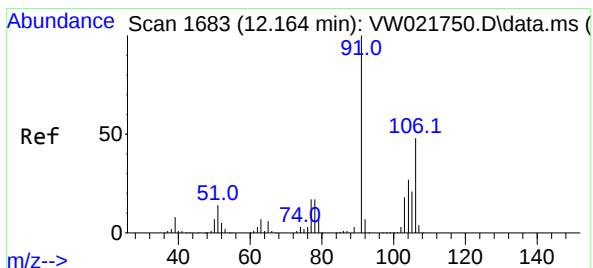
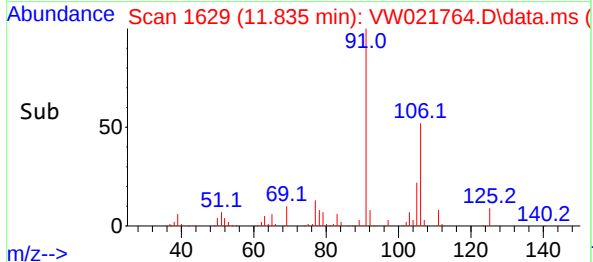
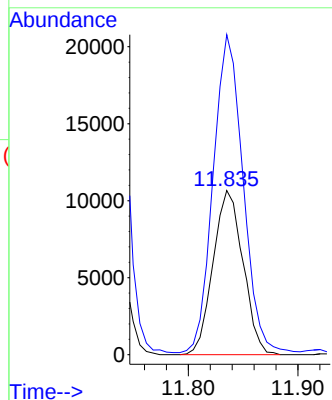
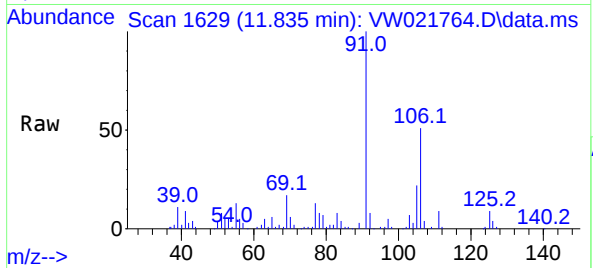
#53
m,p-Xylene
Concen: 3.528 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW021764.D
Acq: 06 Jan 2022 17:56

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

Tgt Ion:106 Resp: 2021
Ion Ratio Lower Upper
106 100
91 195.0 149.9 278.3

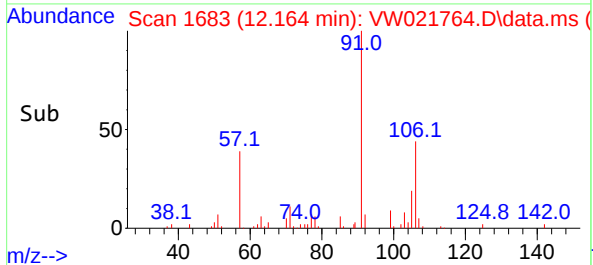
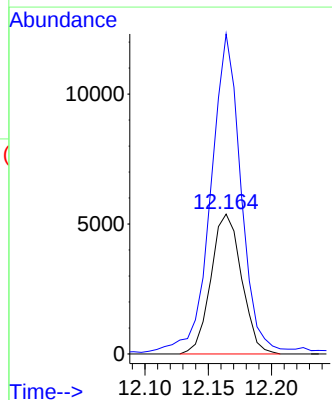
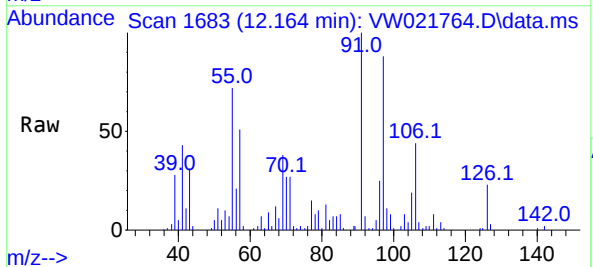
Manual Integrations
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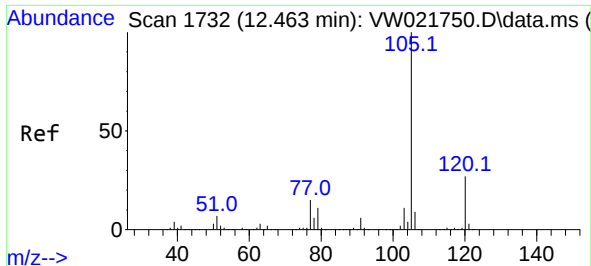
Reviewed By :Semsettin Yesilyurt 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022



#54
o-Xylene
Concen: 1.667 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021764.D
Acq: 06 Jan 2022 17:56

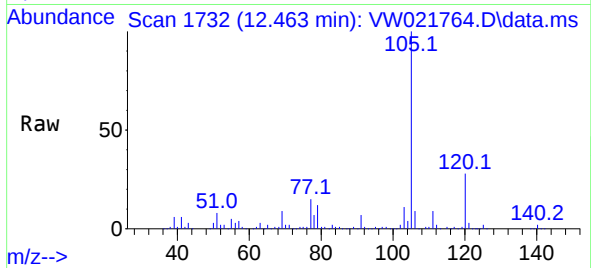
Tgt Ion:106 Resp: 9053
Ion Ratio Lower Upper
106 100
91 228.8 153.6 285.3





#60
Isopropylbenzene
Concen: 11.844 ug/L
RT: 12.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021764.D
Acq: 06 Jan 2022 17:56

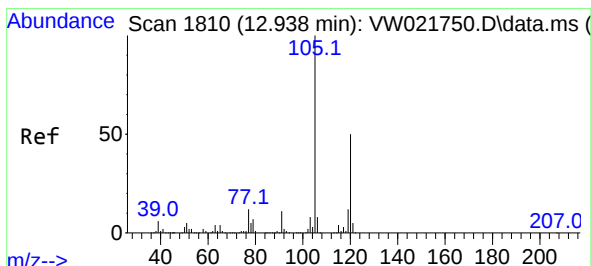
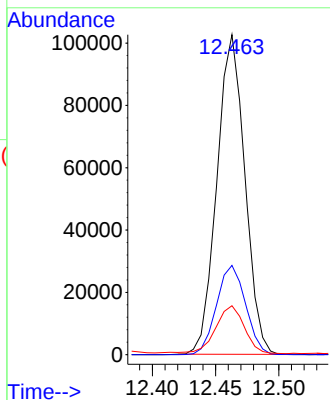
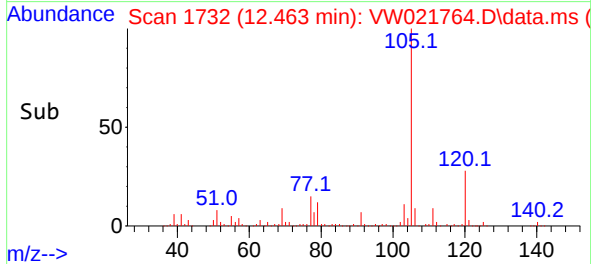
Instrument :
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ClientSampleId :
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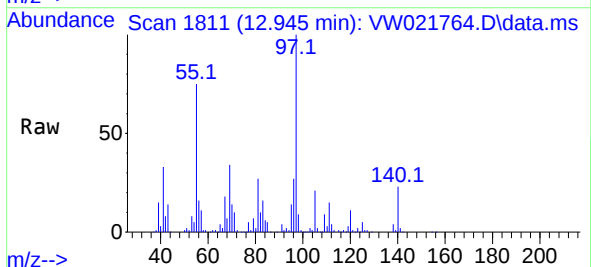
Tgt Ion:105 Resp: 15764
Ion Ratio Lower Upper
105 100
120 29.0 20.1 30.1
77 15.9 13.8 20.8

Manual Integrations
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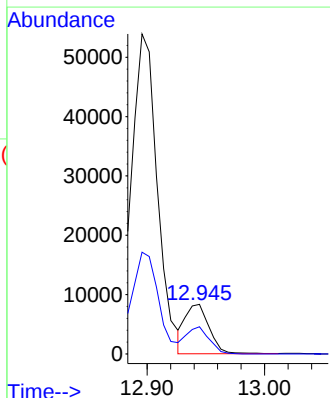
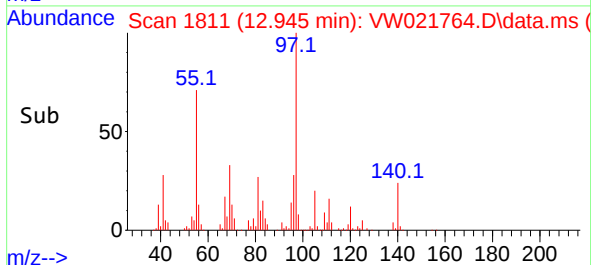
Reviewed By :Semsettin Yesilyurt 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022

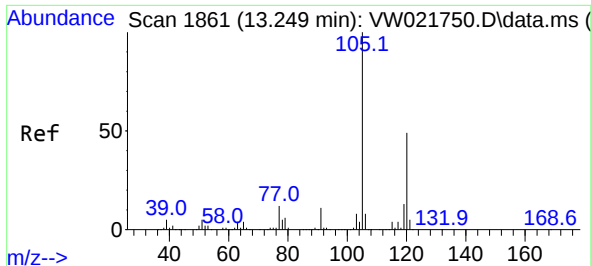


#62
1,3,5-Trimethylbenzene
Concen: 1.051 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW021764.D
Acq: 06 Jan 2022 17:56



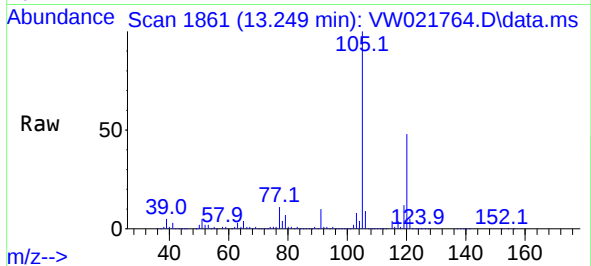
Tgt Ion:105 Resp: 11827
Ion Ratio Lower Upper
105 100
120 52.7 37.4 56.2





#63
1,2,4-Trimethylbenzene
Concen: 60.055 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021764.D
Acq: 06 Jan 2022 17:56

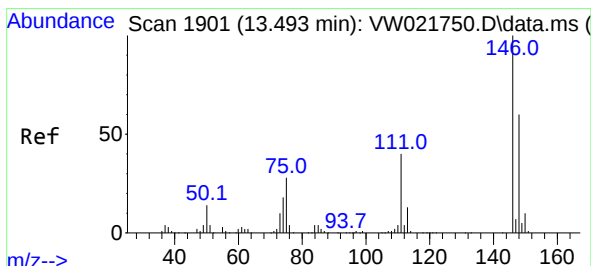
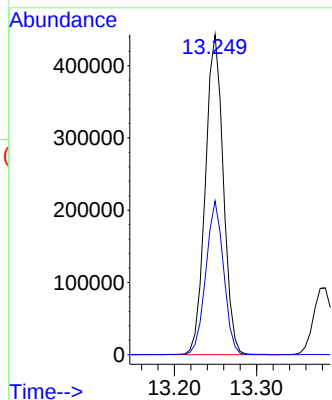
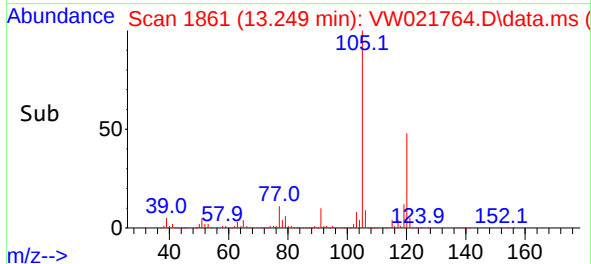
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MSVOA_W
ClientSampleId :
BGLG9



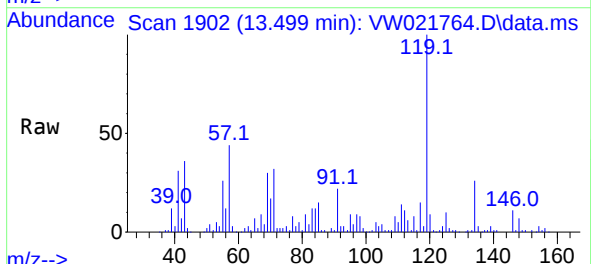
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Ion Ratio Lower Upper
105 100
120 47.7 35.0 52.6

Manual Integrations
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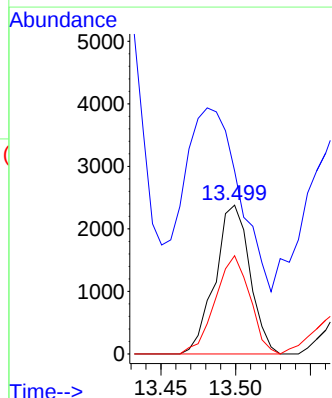
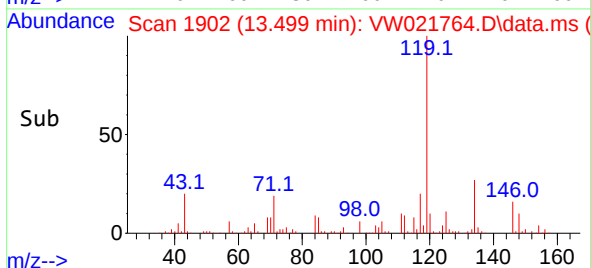
Reviewed By :Semsettin Yesilyurt 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022

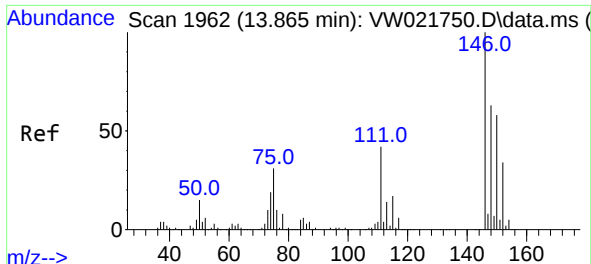


#64
1,3-Dichlorobenzene
Concen: 0.613 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW021764.D
Acq: 06 Jan 2022 17:56



Tgt Ion:146 Resp: 3852
Ion Ratio Lower Upper
146 100
111 123.0 29.8 55.3#
148 66.0 46.2 85.8





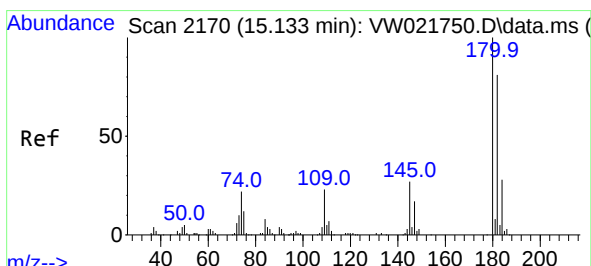
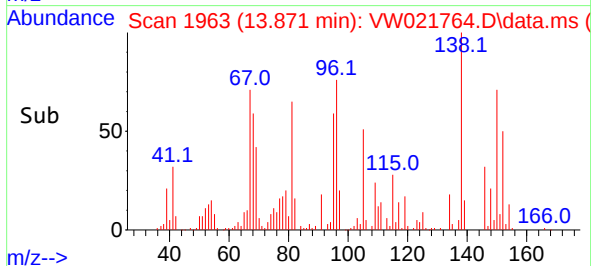
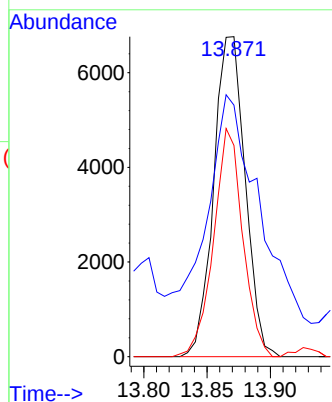
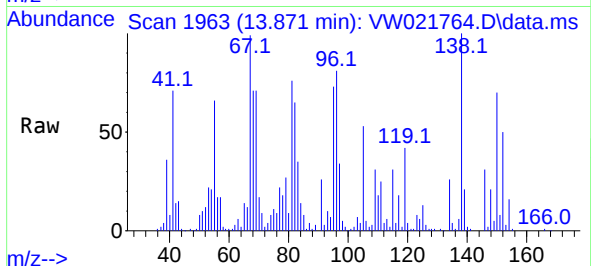
#67
1,2-Dichlorobenzene
Concen: 2.133 ug/L
RT: 13.871 min Scan# 1962
Delta R.T. 0.006 min
Lab File: VW021764.D
Acq: 06 Jan 2022 17:56

Instrument :
MSVOA_W
ClientSampleId :
BGLG9

Tgt Ion:146 Resp: 1170
Ion Ratio Lower Upper
146 100
111 78.6 33.1 49.7
148 66.0 47.4 71.2

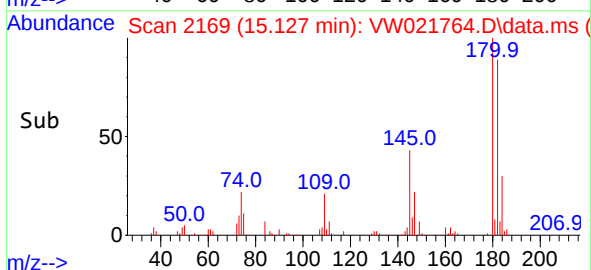
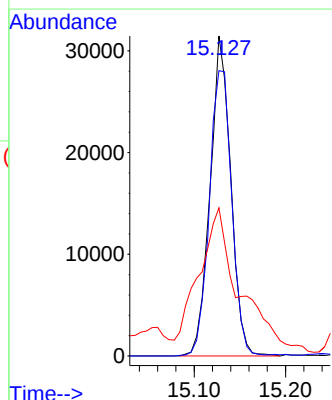
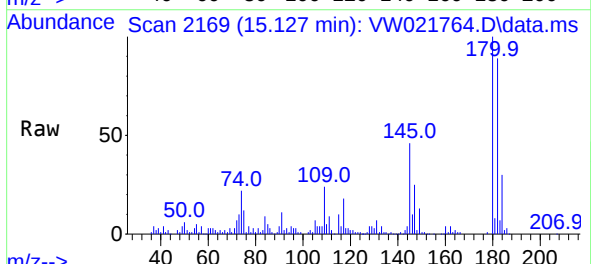
Manual Integrations
APPROVED

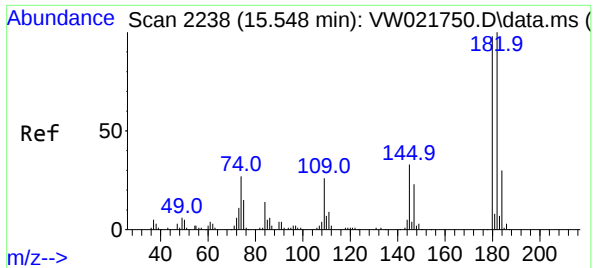
Reviewed By :Semsettin Yesilyurt 01/11/2022
Supervised By :Mahesh Dadoda 01/12/2022



#70
1,2,4-trichlorobenzene
Concen: 13.387 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW021764.D
Acq: 06 Jan 2022 17:56

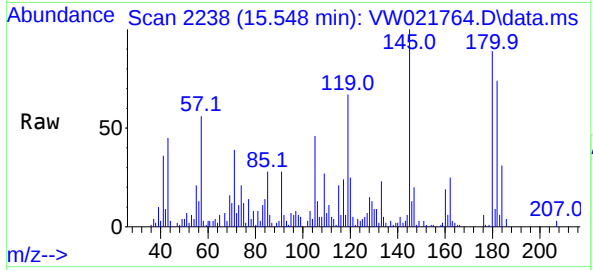
Tgt Ion:180 Resp: 49330
Ion Ratio Lower Upper
180 100
182 97.0 79.0 118.6
145 56.1 26.0 39.0#





#72
 1,2,3-Trichlorobenzene
 Concen: 3.612 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW021764.D
 Acq: 06 Jan 2022 17:56

Instrument : MSVOA_W
 ClientSampleId : BGLG9



Tgt Ion:180 Resp: 11204

Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.6	114.8
145	106.4	27.4	41.0

Manual Integrations
APPROVED
 Reviewed By :Semsettin Yesilyurt 01/11/2022
 Supervised By :Mahesh Dadoda 01/12/2022

