

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
 Data File : VW021433.D
 Acq On : 17 Dec 2021 16:06
 Operator : SY/VA
 Sample : M5121-08
 Misc : 5.68g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL63

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/19/2021
 Supervised By : Mahesh Dadoda 12/24/2021

Quant Time: Dec 17 21:17:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 17 00:58:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	97022	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	81785	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	34756	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	36589	20.707	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.840%		
7) Chloroethane-d5	2.873	69	23176	19.840	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.360%		
11) 1,1-Dichloroethene-d2	4.007	63	34520	14.653	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	58.600%		
21) 2-Butanone-d5	7.080	46	17219	69.130	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	138.260%#		
24) Chloroform-d	7.647	84	58055	21.472	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.880%		
26) 1,2-Dichloroethane-d4	8.305	65	36656	25.487	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.960%		
32) Benzene-d6	8.269	84	110096	24.559	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	98.240%		
36) 1,2-Dichloropropane-d6	9.275	67	32039	26.649	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	106.600%		
41) Toluene-d8	10.323	98	95506	20.851	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.400%		
43) trans-1,3-Dichloroprop...	10.579	79	12893	23.290	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	93.160%		
47) 2-Hexanone-d5	10.921	63	14182	79.772	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	159.540%#		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	22422	21.695	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	86.760%		
66) 1,2-Dichlorobenzene-d4	13.847	152	25459m	18.901	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	75.600%		
Target Compounds						Qvalue
13) Acetone	4.135	43	12228	54.762	ug/L	95
22) 2-Butanone	7.183	43	3159	10.833	ug/L	98
35) Methylcyclohexane	9.329	83	13319	6.456	ug/L	92
42) Toluene	10.390	91	10442	2.004	ug/L	95
46) Tetrachloroethene	10.860	164	2254	1.897	ug/L	86
51) Chlorobenzene	11.652	112	3979	1.141	ug/L	94
52) Ethylbenzene	11.731	91	69810	11.724	ug/L	97
53) m,p-Xylene	11.841	106	25788	10.736	ug/L	93
54) o-Xylene	12.164	106	24087	10.566	ug/L	90
60) Isopropylbenzene	12.463	105	90006	19.058	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	111887	27.841	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	406067	102.429	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	237887	121.300	ug/L	94
70) 1,2,4-trichlorobenzene	15.121	180	132530	98.966	ug/L #	92
72) 1,2,3-Trichlorobenzene	15.548	180	34915	31.548	ug/L #	76

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

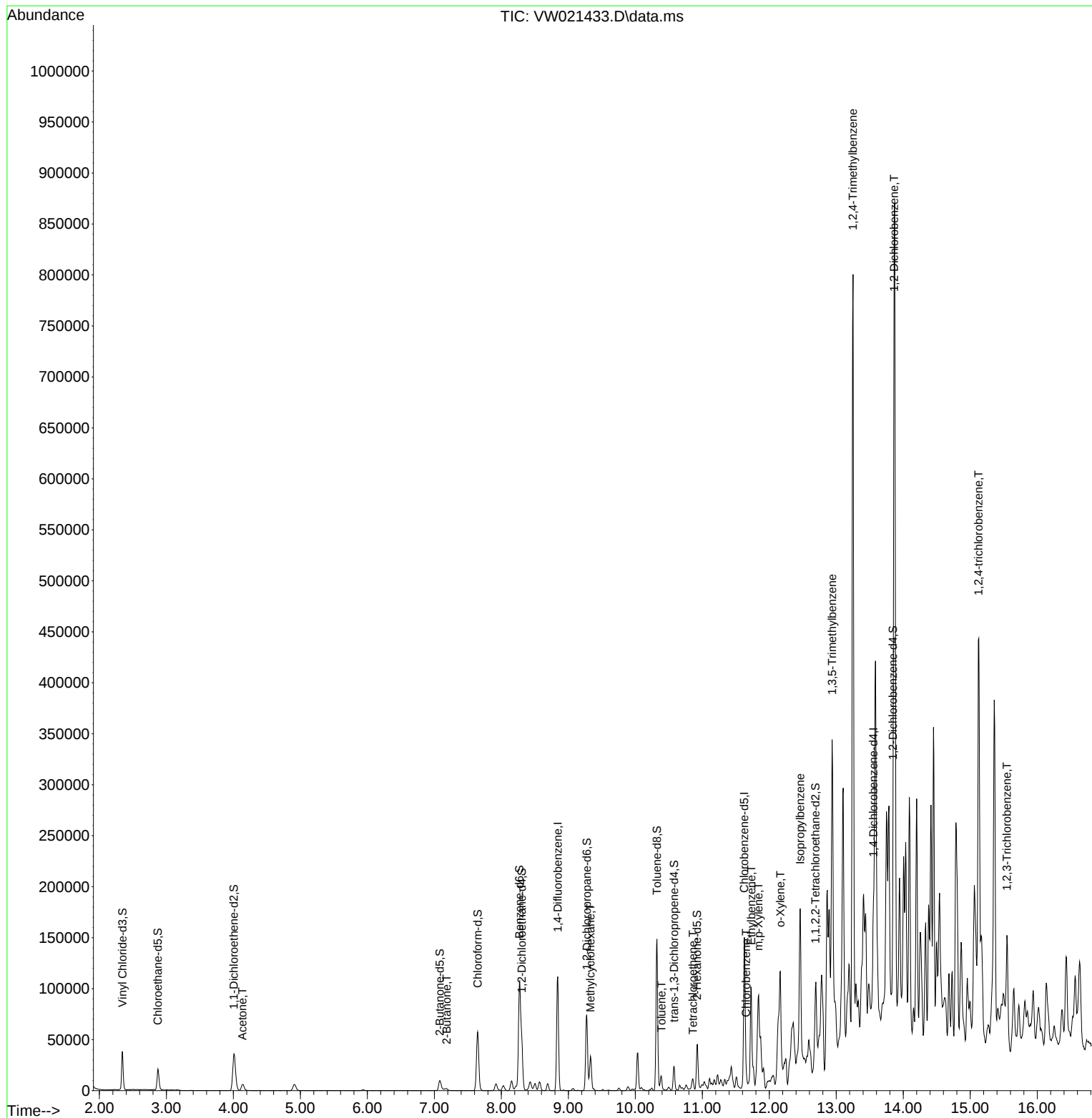
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
Data File : VW021433.D
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Operator : SY/VA
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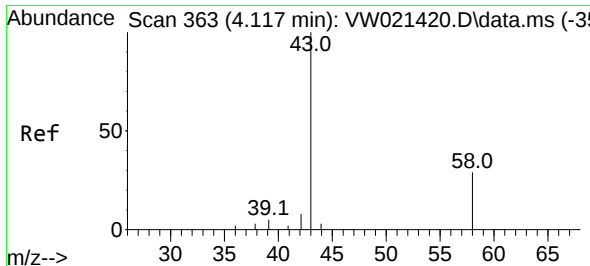
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 17 00:58:26 2021
Response via : Initial Calibration





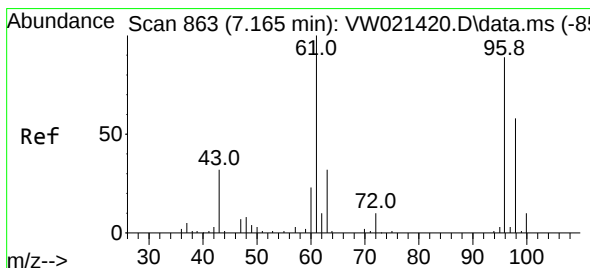
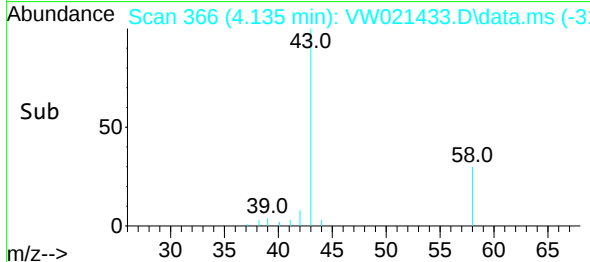
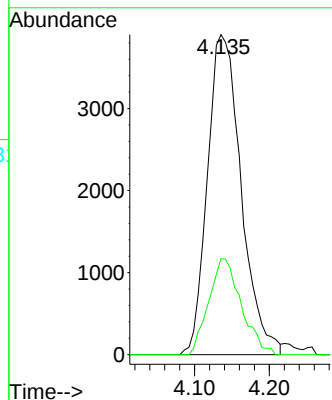
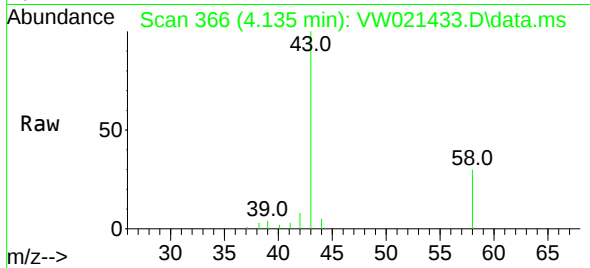
#13
Acetone
Concen: 54.762 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW021433.D
Acq: 17 Dec 2021 16:06

Instrument :
MSVOA_W
ClientSampleId :
BGL63

Tgt Ion: 43 Resp: 12228
Ion Ratio Lower Upper
43 100
58 28.7 0.0 52.8

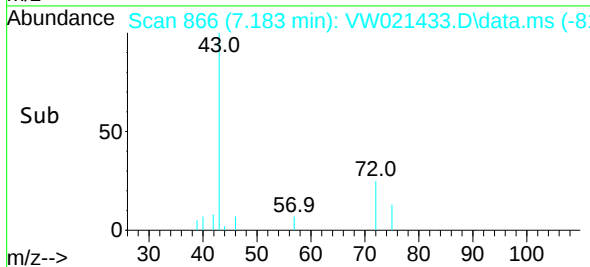
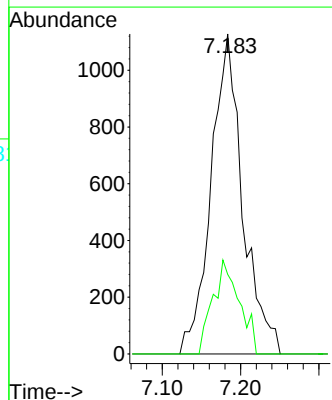
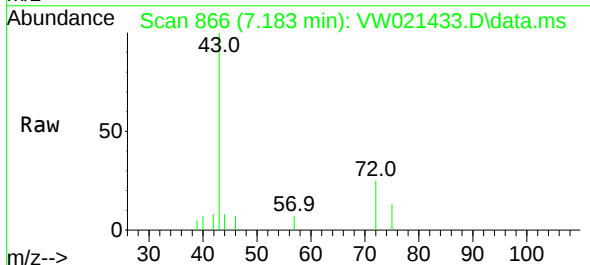
Manual Integrations
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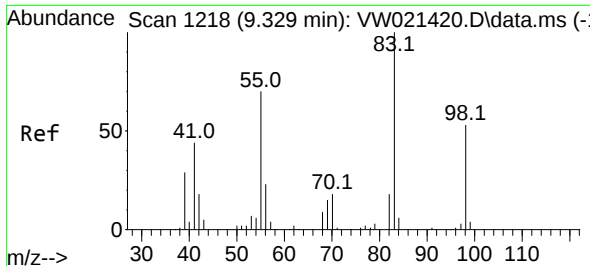
Reviewed By :Semsettin Yesilyurt 12/19/2021
Supervised By :Mahesh Dadoda 12/24/2021



#22
2-Butanone
Concen: 10.833 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.018 min
Lab File: VW021433.D
Acq: 17 Dec 2021 16:06

Tgt Ion: 43 Resp: 3159
Ion Ratio Lower Upper
43 100
72 24.5 11.8 35.4





#35

Methylcyclohexane

Concen: 6.456 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VW021433.D

Acq: 17 Dec 2021 16:06

Instrument :

MSVOA_W

ClientSampleId :

BGL63

Tgt Ion: 83 Resp: 13319

Ion Ratio Lower Upper

83 100

55 81.5 70.8 106.2

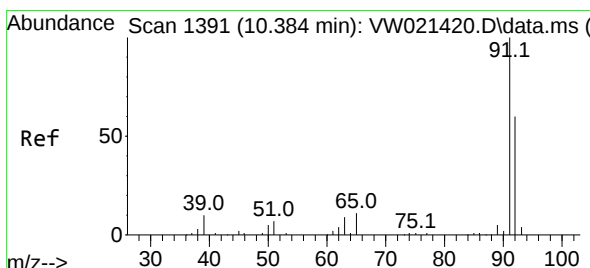
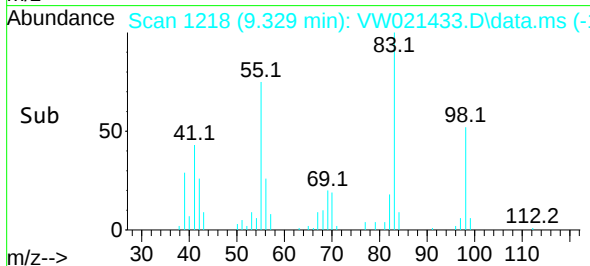
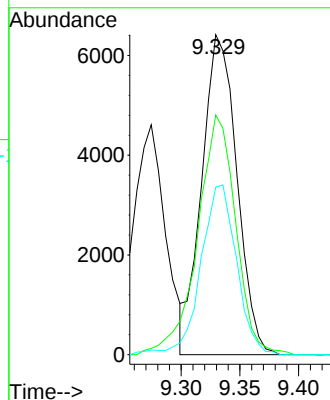
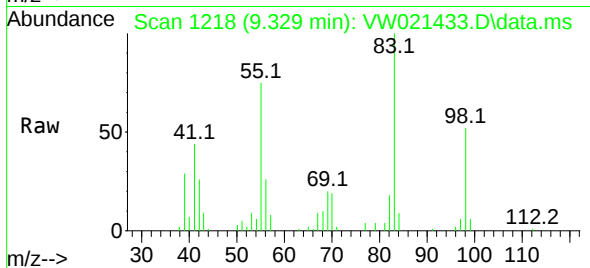
98 53.1 37.7 56.5

Manual Integrations

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#42

Toluene

Concen: 2.004 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW021433.D

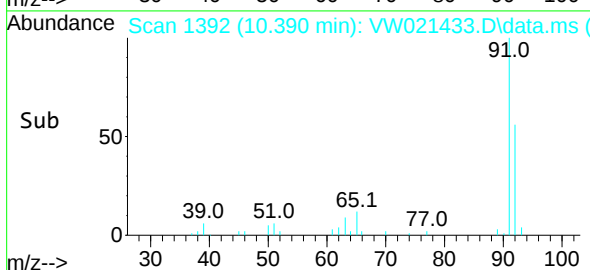
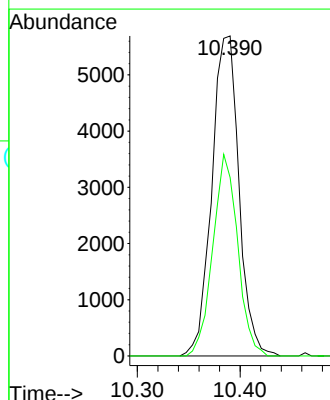
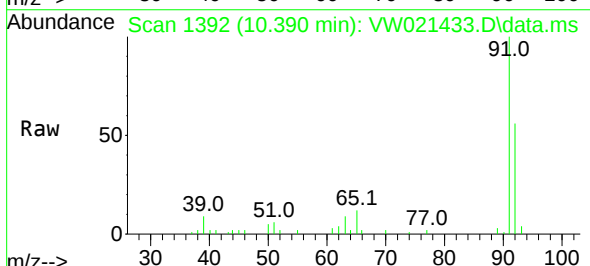
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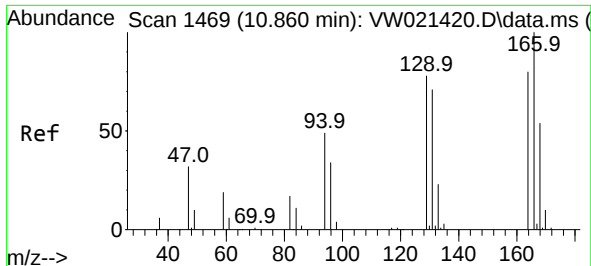
Tgt Ion: 91 Resp: 10442

Ion Ratio Lower Upper

91 100

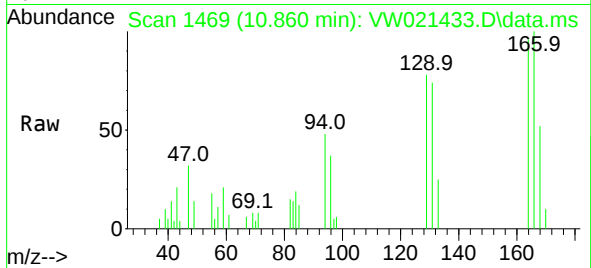
92 55.7 41.7 77.5





#46
Tetrachloroethene
Concen: 1.897 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW021433.D
Acq: 17 Dec 2021 16:06

Instrument :
MSVOA_W
ClientSampleId :
BGL63

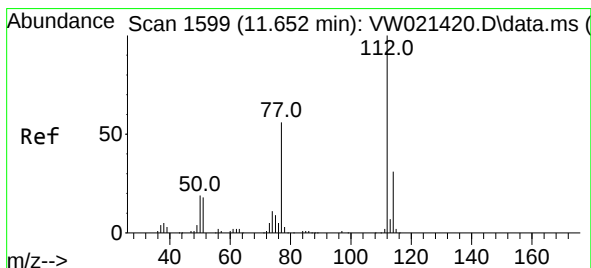
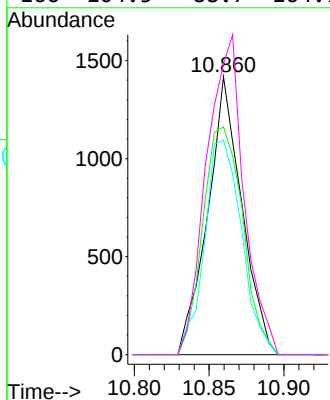
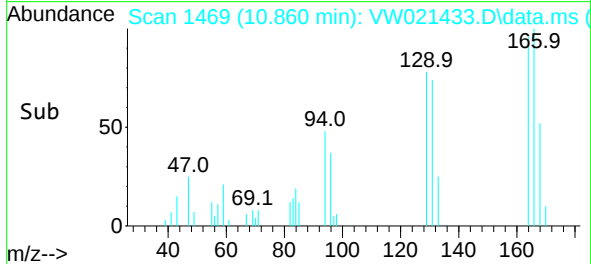


Tgt Ion:164 Resp: 2254

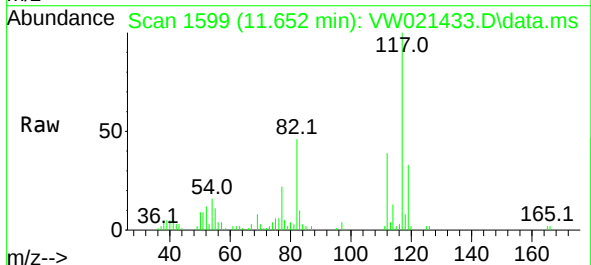
Ion	Ratio	Lower	Upper
164	100		
129	81.9	65.5	121.7
131	77.2	59.7	110.9
166	104.5	88.7	164.7

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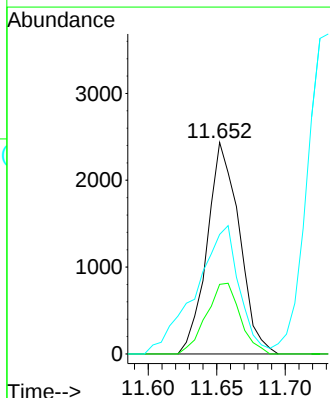
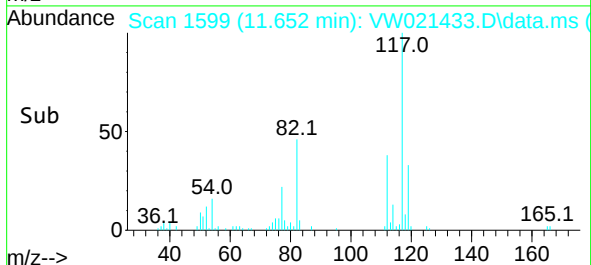


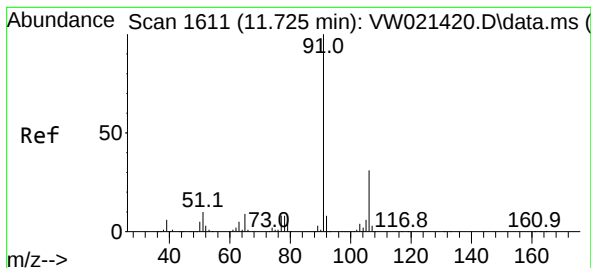
#51
Chlorobenzene
Concen: 1.141 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VW021433.D
Acq: 17 Dec 2021 16:06



Tgt Ion:112 Resp: 3979

Ion	Ratio	Lower	Upper
112	100		
114	32.9	22.4	41.6
77	56.5	50.2	75.4





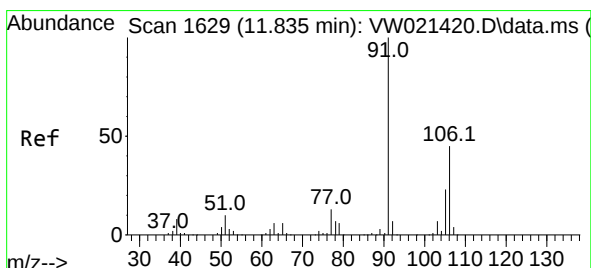
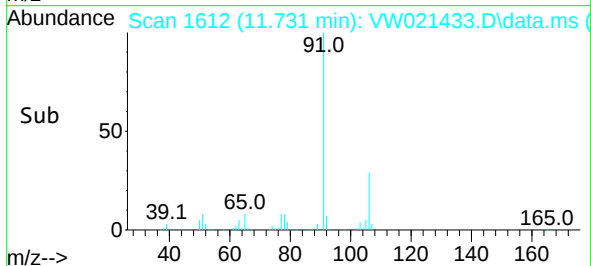
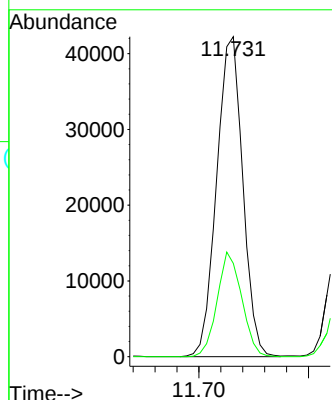
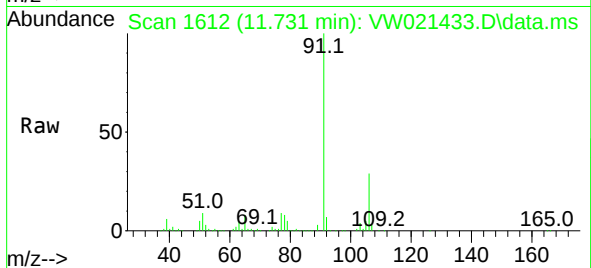
#52
Ethylbenzene
Concen: 11.724 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW021433.D
Acq: 17 Dec 2021 16:06

Instrument :
MSVOA_W
ClientSampleId :
BGL63

Tgt Ion: 91 Resp: 69810
Ion Ratio Lower Upper
91 100
106 29.1 21.5 39.9

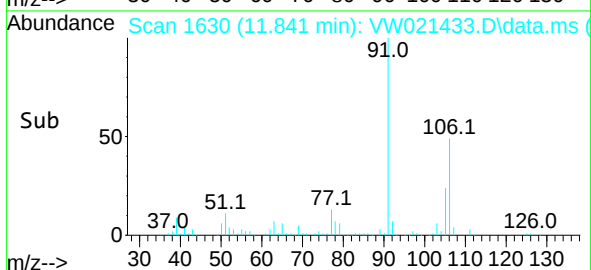
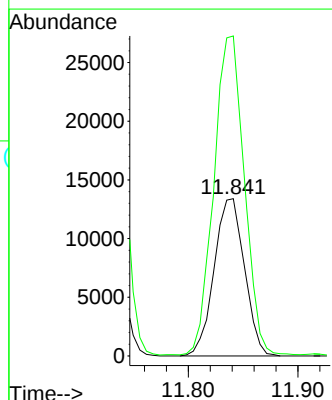
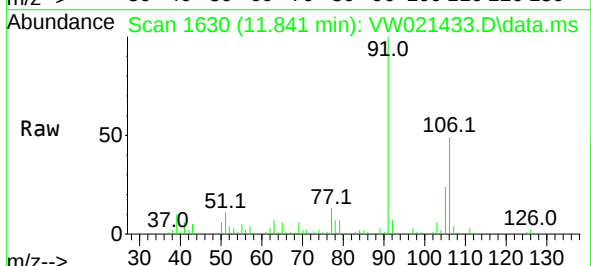
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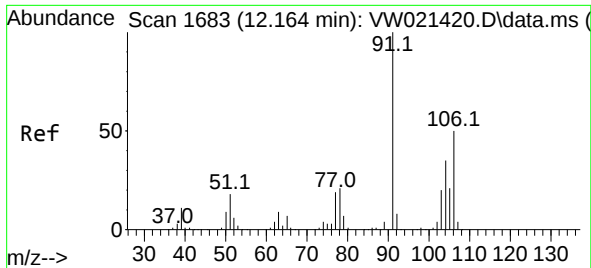
Reviewed By :Semsettin Yesilyurt 12/19/2021
Supervised By :Mahesh Dadoda 12/24/2021



#53
m,p-Xylene
Concen: 10.736 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW021433.D
Acq: 17 Dec 2021 16:06

Tgt Ion:106 Resp: 25788
Ion Ratio Lower Upper
106 100
91 203.4 149.9 278.3





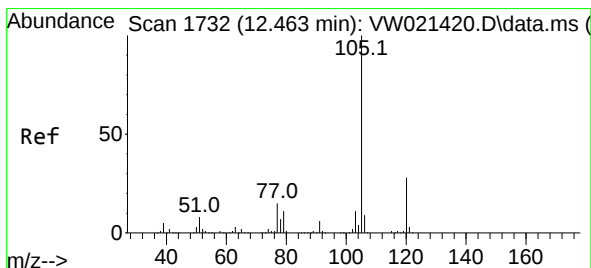
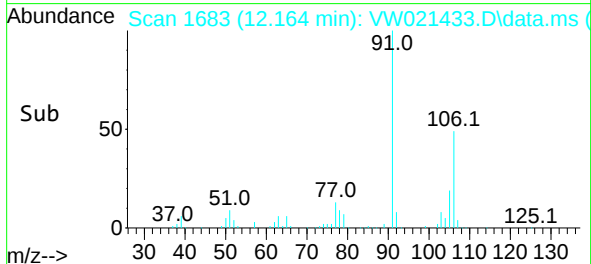
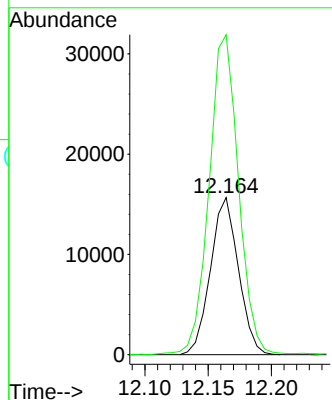
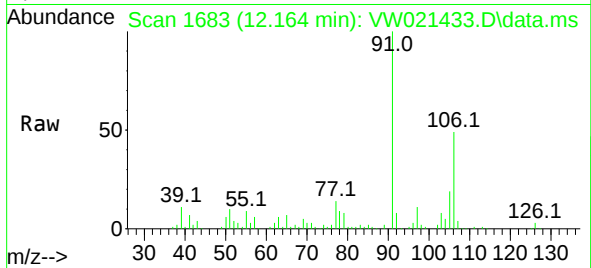
#54
o-Xylene
Concen: 10.566 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021433.D
Acq: 17 Dec 2021 16:06

Instrument :
MSVOA_W
ClientSampleId :
BGL63

Tgt Ion:106 Resp: 2408
Ion Ratio Lower Upper
106 100
91 203.6 153.6 285.3

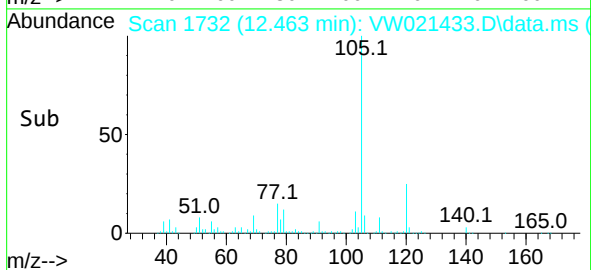
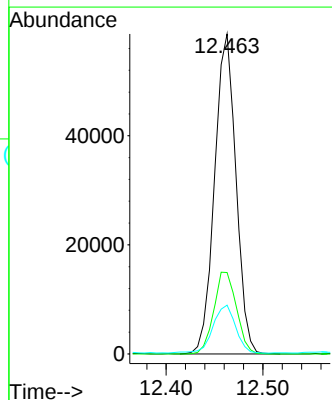
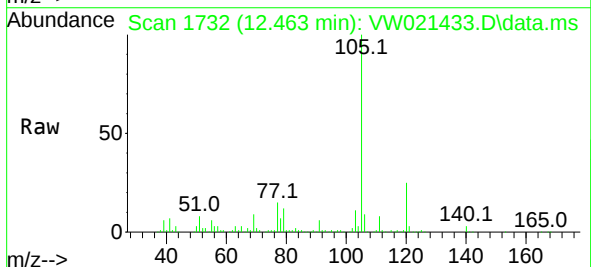
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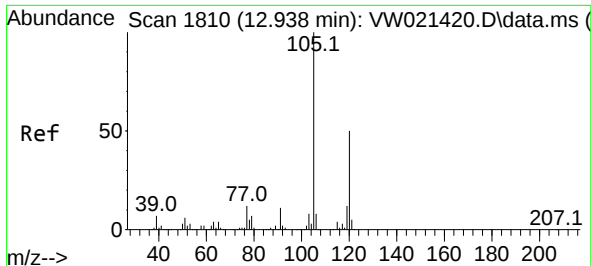
Reviewed By :Semsettin Yesilyurt 12/19/2021
Supervised By :Mahesh Dadoda 12/24/2021



#60
Isopropylbenzene
Concen: 19.058 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021433.D
Acq: 17 Dec 2021 16:06

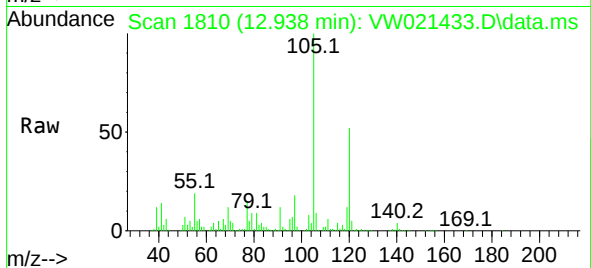
Tgt Ion:105 Resp: 90006
Ion Ratio Lower Upper
105 100
120 27.1 20.1 30.1
77 16.0 13.8 20.8





#62
1,3,5-Trimethylbenzene
Concen: 27.841 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW021433.D
Acq: 17 Dec 2021 16:06

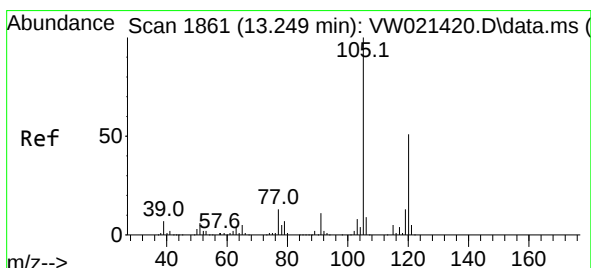
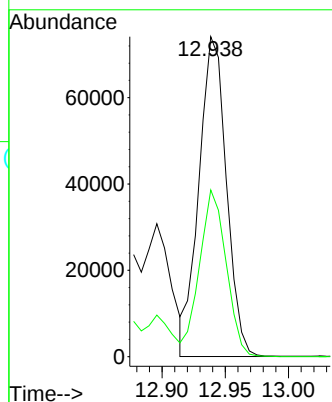
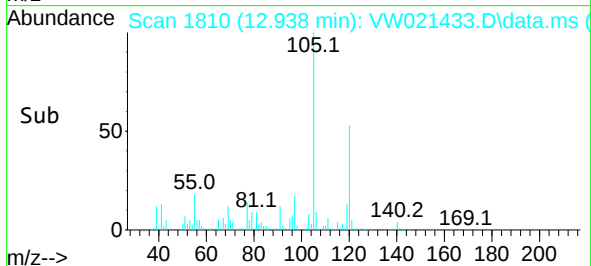
Instrument :
MSVOA_W
ClientSampleId :
BGL63



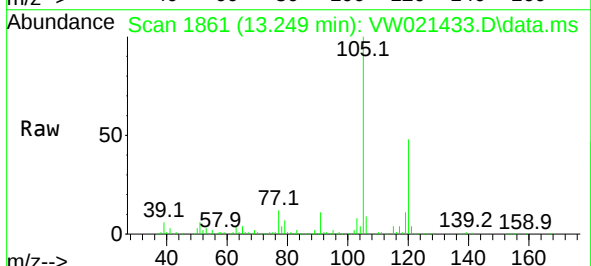
Tgt Ion:105 Resp: 11188
Ion Ratio Lower Upper
105 100
120 50.9 37.4 56.2

Manual Integrations
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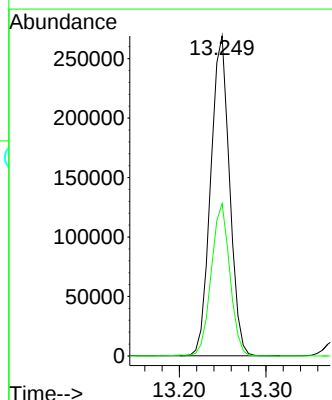
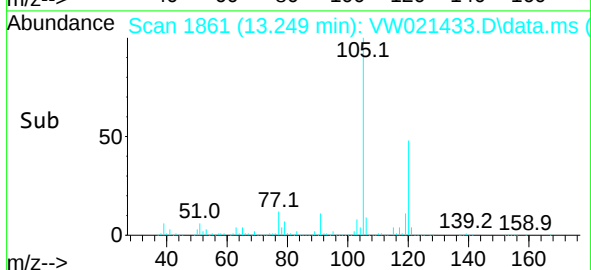
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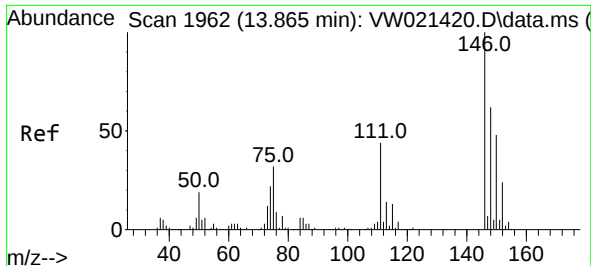


#63
1,2,4-Trimethylbenzene
Concen: 102.429 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021433.D
Acq: 17 Dec 2021 16:06



Tgt Ion:105 Resp: 406067
Ion Ratio Lower Upper
105 100
120 46.9 35.0 52.6





#67

1,2-Dichlorobenzene

Concen: 121.300 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW021433.D

Acq: 17 Dec 2021 16:06

Instrument :

MSVOA_W

ClientSampleId :

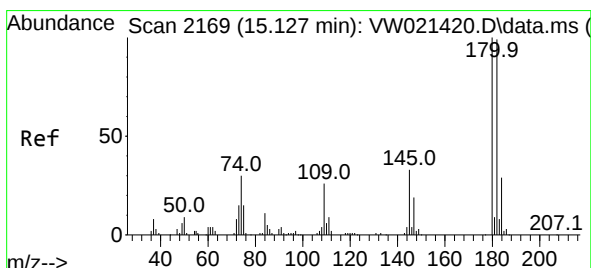
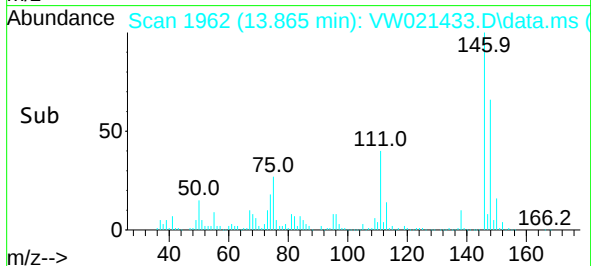
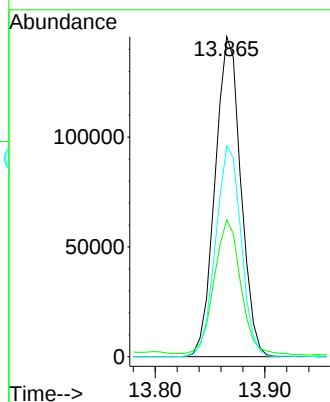
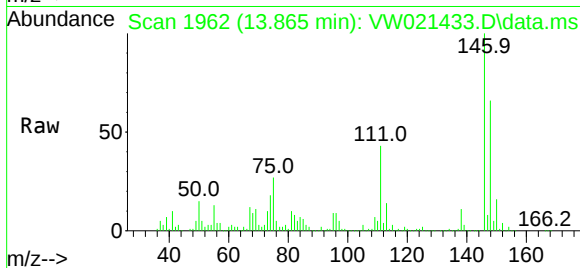
BGL63

Tgt Ion:146	Resp:	23788
Ion Ratio	Lower	Upper
146	100	
111	42.7	33.1 49.7
148	65.9	47.4 71.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/19/2021
Supervised By :Mahesh Dadoda 12/24/2021



#70

1,2,4-trichlorobenzene

Concen: 98.966 ug/L

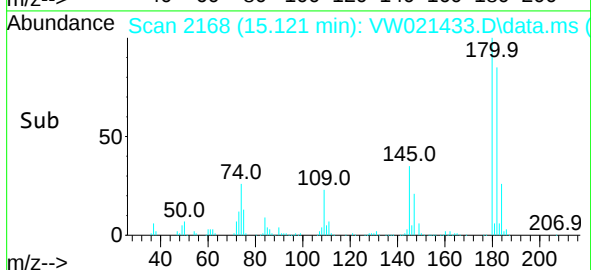
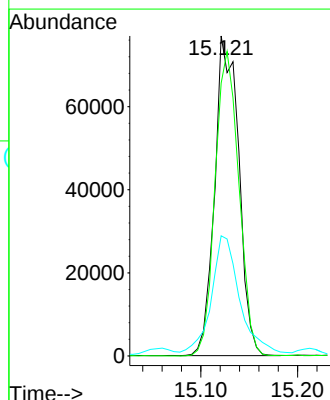
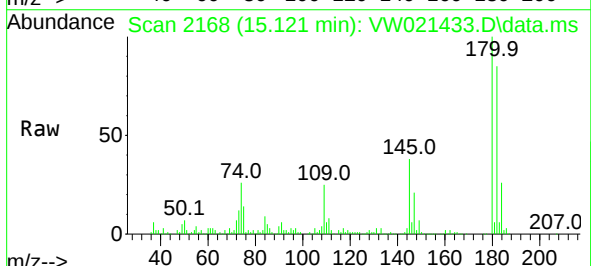
RT: 15.121 min Scan# 2168

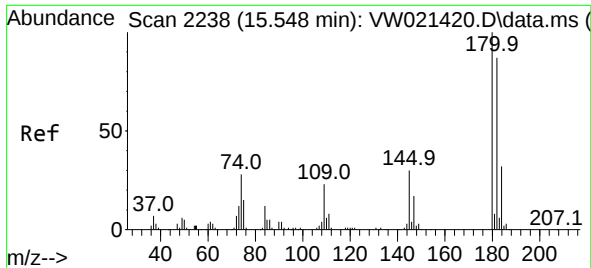
Delta R.T. -0.006 min

Lab File: VW021433.D

Acq: 17 Dec 2021 16:06

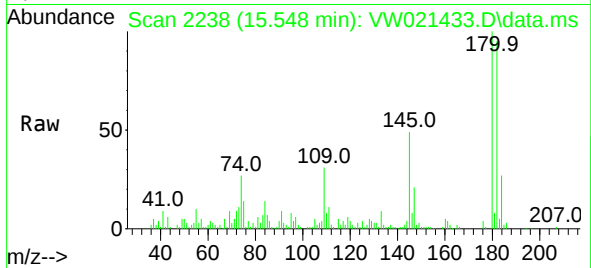
Tgt Ion:180	Resp:	132530
Ion Ratio	Lower	Upper
180	100	
182	94.4	79.0 118.6
145	42.8	26.0 39.0





#72
 1,2,3-Trichlorobenzene
 Concen: 31.548 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW021433.D
 Acq: 17 Dec 2021 16:06

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL63



Tgt Ion:180 Resp: 34915
 Ion Ratio Lower Upper
 180 100
 182 99.4 76.6 114.8
 145 79.8 27.4 41.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/19/2021
 Supervised By :Mahesh Dadoda 12/24/2021

