

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
 Data File : VW021503.D
 Acq On : 20 Dec 2021 17:12
 Operator : SY/VA
 Sample : M5171-14
 Misc : 6.44g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLB0

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/20/2021
 Supervised By : Amit Patel 12/24/2021

Quant Time: Dec 20 18:54:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	165651	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	139574	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	42595	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.349	65	18753	6.216	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	24.880%#
7) Chloroethane-d5	2.885	69	19288	9.671	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	38.680%
11) 1,1-Dichloroethene-d2	4.019	63	34935	8.686	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	34.760%#
21) 2-Butanone-d5	7.074	46	27000m	63.489	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.980%
24) Chloroform-d	7.647	84	94370	20.443	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.760%
26) 1,2-Dichloroethane-d4	8.305	65	57883	23.572	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.280%
32) Benzene-d6	8.275	84	176175	23.028	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.120%
36) 1,2-Dichloropropane-d6	9.274	67	57781	28.161	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.640%
41) Toluene-d8	10.323	98	151771	19.416	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.680%
43) trans-1,3-Dichloroprop...	10.579	79	22503	23.819	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.280%
47) 2-Hexanone-d5	10.920	63	23523	77.531	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.060%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	36033	20.429	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	33292m	20.167	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.680%

Target Compounds						Qvalue
13) Acetone	4.117	43	11716	30.731	ug/L	86
22) 2-Butanone	7.177	43	2619	5.260	ug/L	88
35) Methylcyclohexane	9.335	83	3722m	1.057	ug/L	
42) Toluene	10.384	91	9435	1.061	ug/L	99
51) Chlorobenzene	11.658	112	46817	7.864	ug/L #	87
52) Ethylbenzene	11.731	91	1005055	98.905	ug/L	98
53) m,p-Xylene	11.847	106	140078	34.170	ug/L	78
54) o-Xylene	12.164	106	46581	11.973	ug/L	96
60) Isopropylbenzene	12.463	105	2062858	356.413	ug/L	92
62) 1,3,5-Trimethylbenzene	12.944	105	135725	27.558	ug/L	89
63) 1,2,4-Trimethylbenzene	13.249	105	2260098	465.184	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	29701	10.880	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	164398	60.611	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	467318	194.435	ug/L	91
70) 1,2,4-trichlorobenzene	15.127	180	30400	18.523	ug/L #	38

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

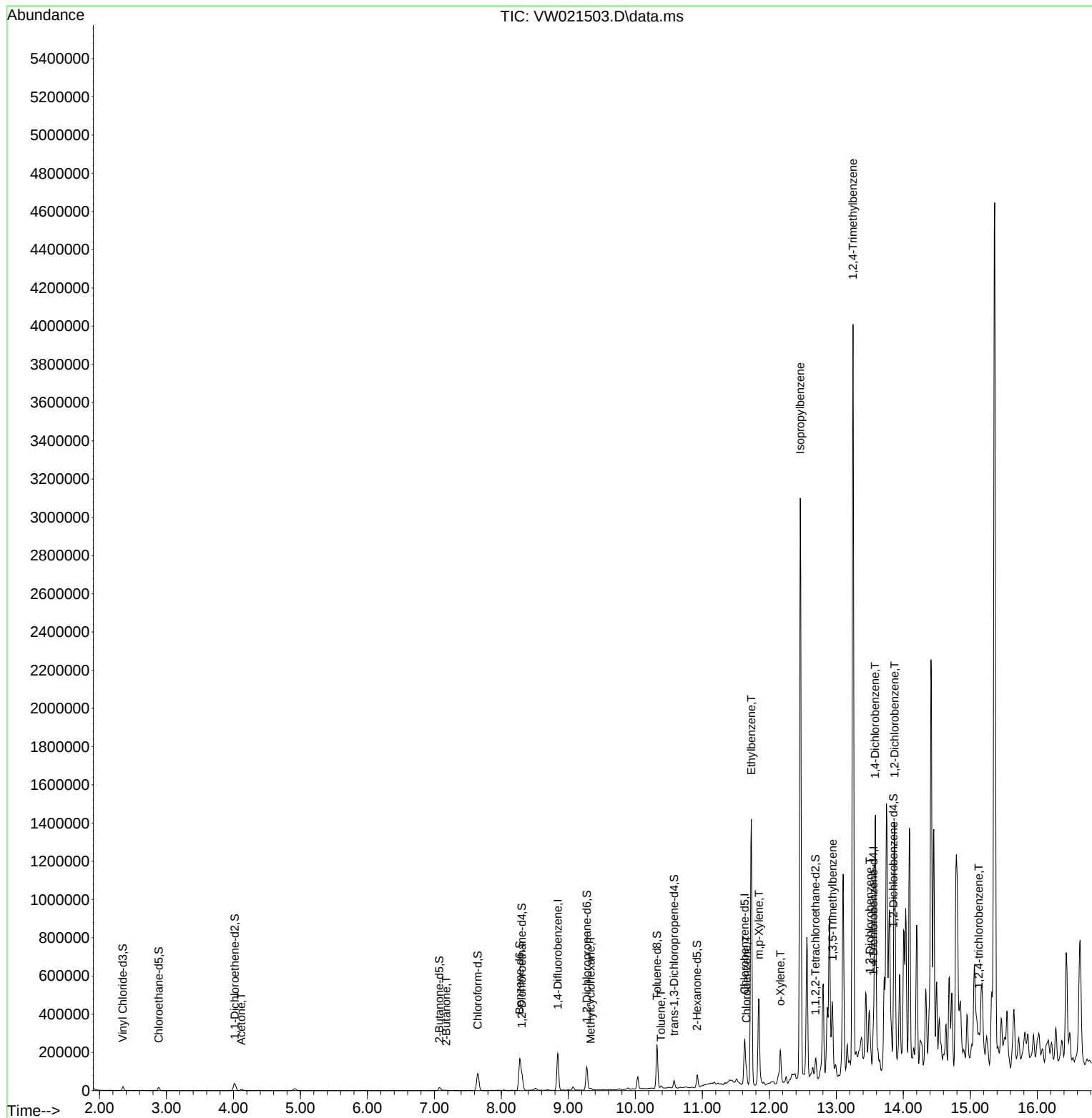
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
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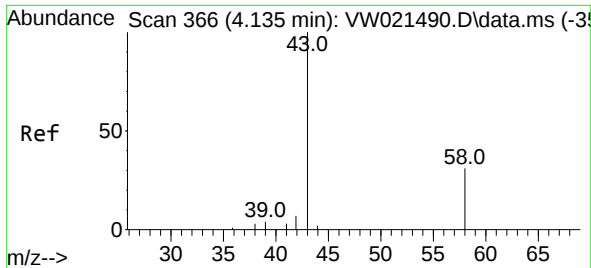
Instrument :
MSVOA_W
ClientSampleId :
BGLB0

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Quant Time: Dec 20 18:54:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 18 00:55:20 2021
Response via : Initial Calibration





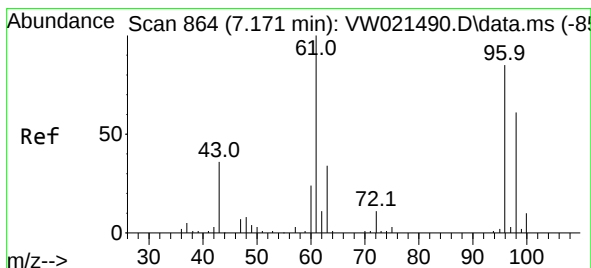
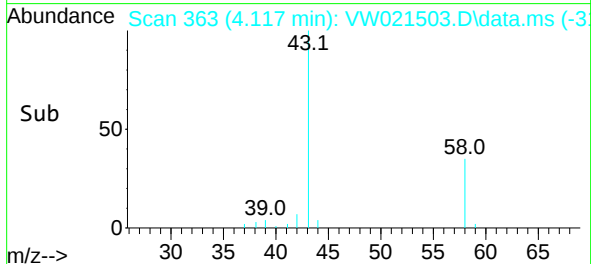
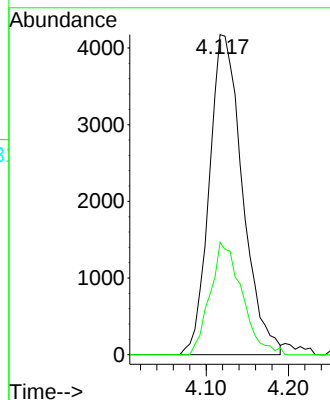
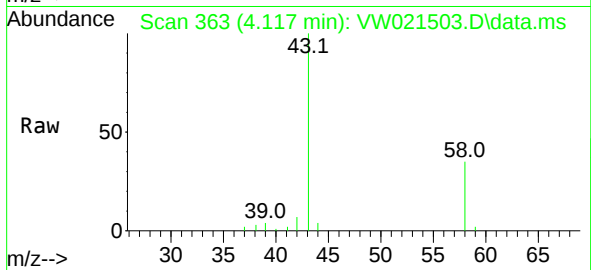
#13
Acetone
Concen: 30.731 ug/L
RT: 4.117 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW021503.D
Acq: 20 Dec 2021 17:12

Instrument :
MSVOA_W
ClientSampleId :
BGLB0

Tgt Ion: 43 Resp: 11710
Ion Ratio Lower Upper
43 100
58 33.7 0.0 52.8

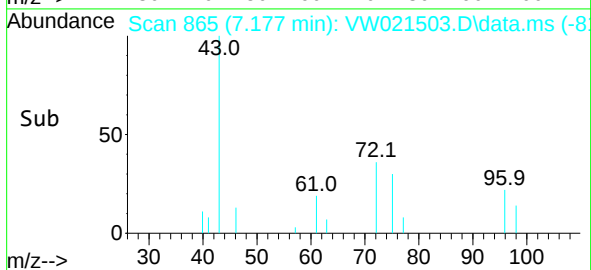
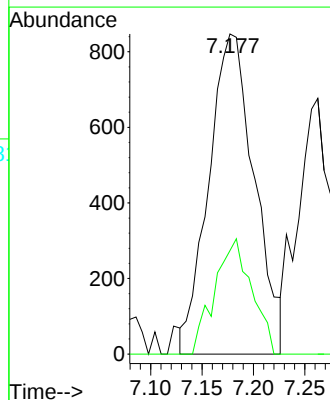
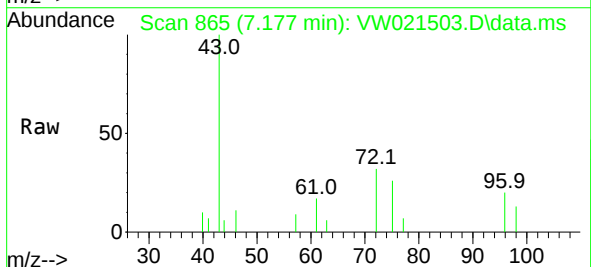
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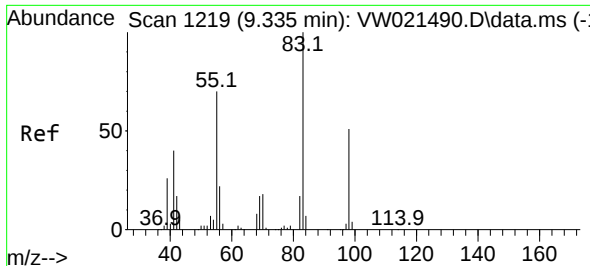
Reviewed By :Semsettin Yesilyurt 12/20/2021
Supervised By :Amit Patel 12/24/2021



#22
2-Butanone
Concen: 5.260 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW021503.D
Acq: 20 Dec 2021 17:12

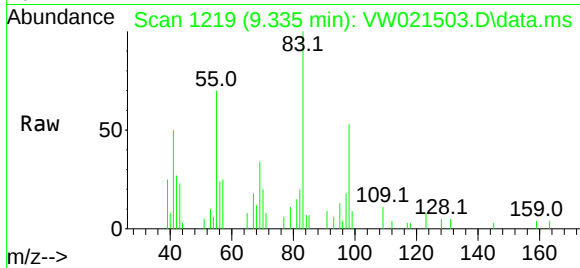
Tgt Ion: 43 Resp: 2619
Ion Ratio Lower Upper
43 100
72 29.3 11.8 35.4





#35
Methylcyclohexane
Concen: 1.057 ug/L m
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021503.D
Acq: 20 Dec 2021 17:12

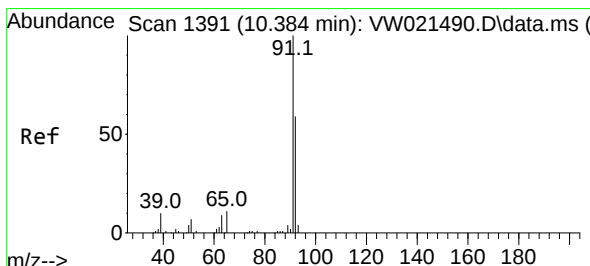
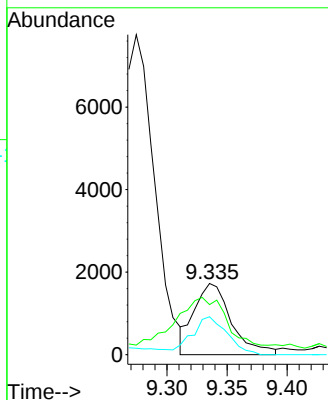
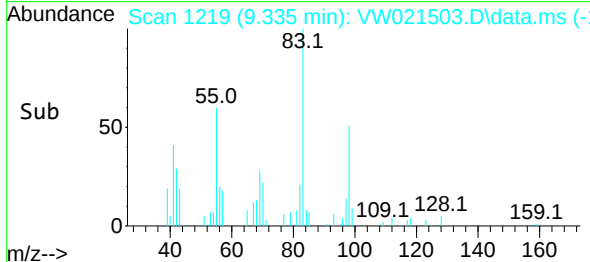
Instrument :
MSVOA_W
ClientSampleId :
BGLB0



Tgt Ion: 83 Resp: 372
Ion Ratio Lower Upper
83 100
55 157.8 70.8 106.2
98 86.1 37.7 56.5

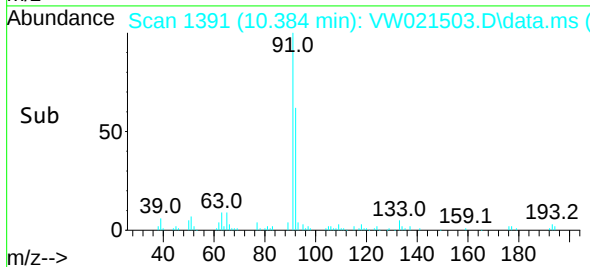
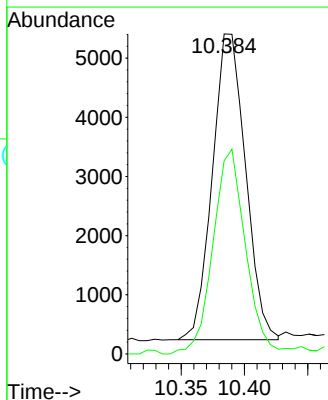
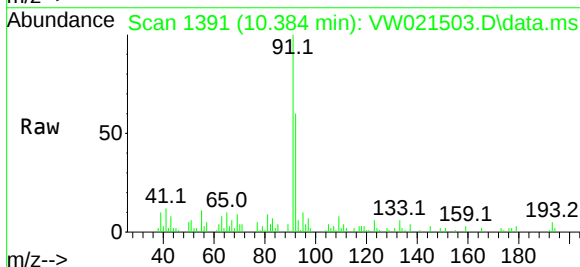
Manual Integrations
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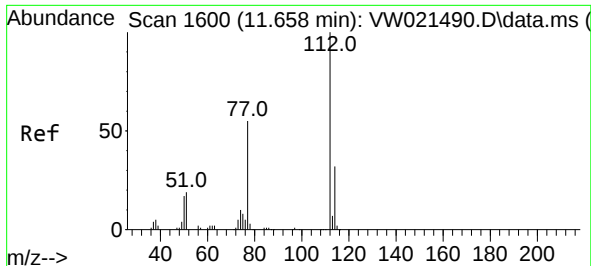
Reviewed By :Semsettin Yesilyurt 12/20/2021
Supervised By :Amit Patel 12/24/2021



#42
Toluene
Concen: 1.061 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW021503.D
Acq: 20 Dec 2021 17:12

Tgt Ion: 91 Resp: 9435
Ion Ratio Lower Upper
91 100
92 60.3 41.7 77.5





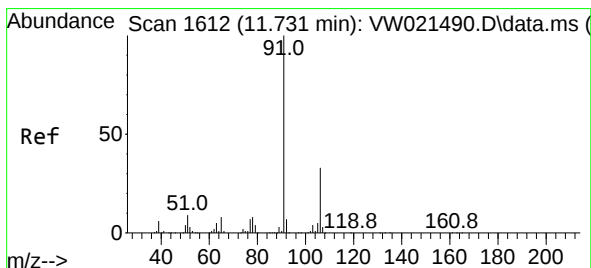
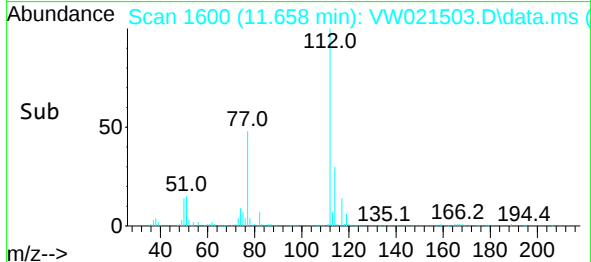
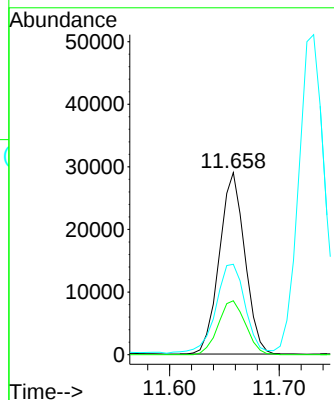
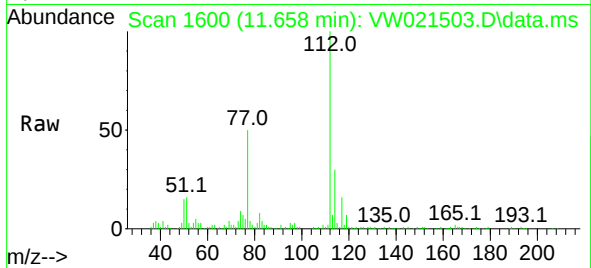
#51
Chlorobenzene
Concen: 7.864 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW021503.D
Acq: 20 Dec 2021 17:12

Instrument :
MSVOA_W
ClientSampleId :
BGLB0

Tgt Ion:112 Resp: 4681
Ion Ratio Lower Upper
112 100
114 29.6 22.4 41.6
77 49.6 50.2 75.4

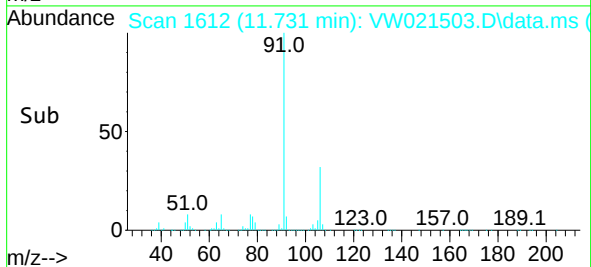
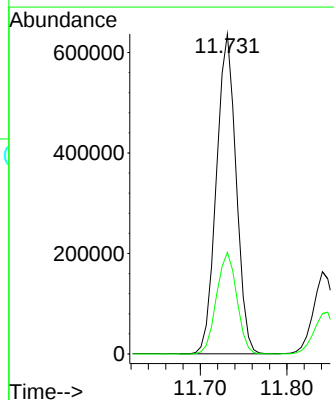
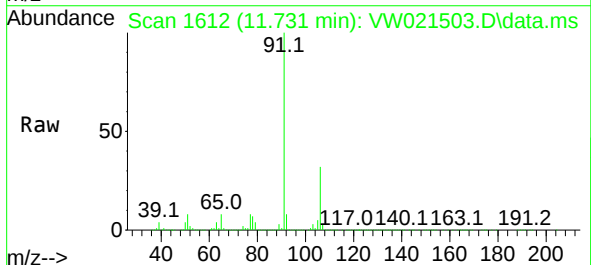
Manual Integrations
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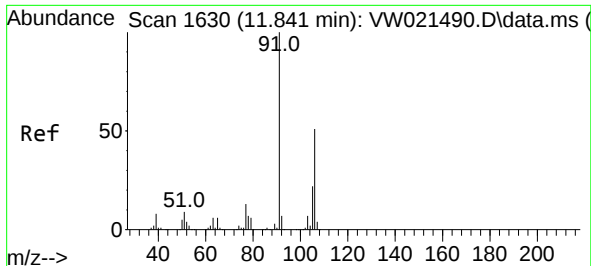
Reviewed By :Semsettin Yesilyurt 12/20/2021
Supervised By :Amit Patel 12/24/2021



#52
Ethylbenzene
Concen: 98.905 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021503.D
Acq: 20 Dec 2021 17:12

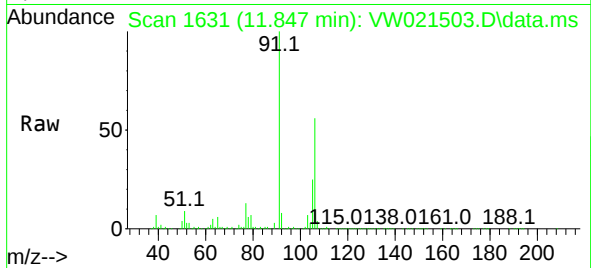
Tgt Ion: 91 Resp: 1005055
Ion Ratio Lower Upper
91 100
106 31.8 21.5 39.9





#53
m,p-Xylene
Concen: 34.170 ug/L
RT: 11.847 min Scan# 1630
Delta R.T. 0.012 min
Lab File: VW021503.D
Acq: 20 Dec 2021 17:12

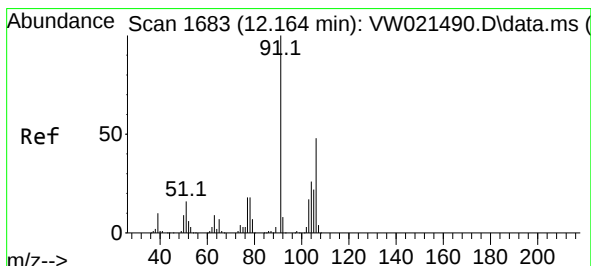
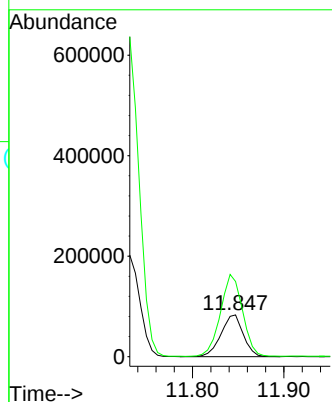
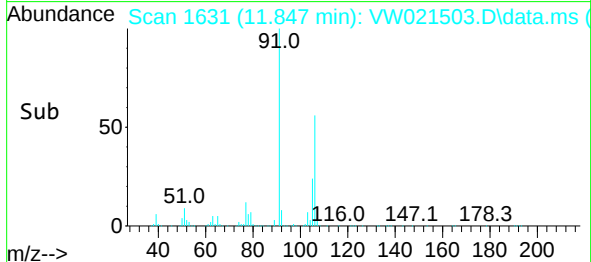
Instrument :
MSVOA_W
ClientSampleId :
BGLB0



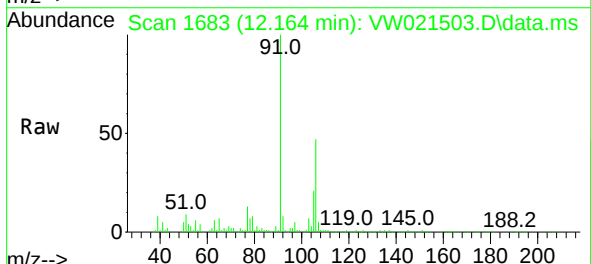
Tgt Ion:106 Resp: 140078
Ion Ratio Lower Upper
106 100
91 179.9 149.9 278.3

Manual Integrations
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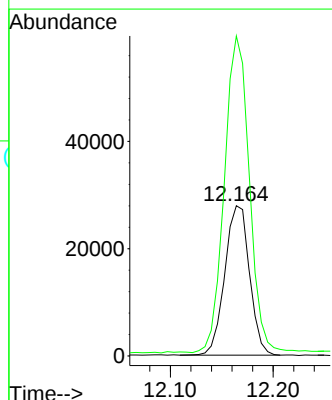
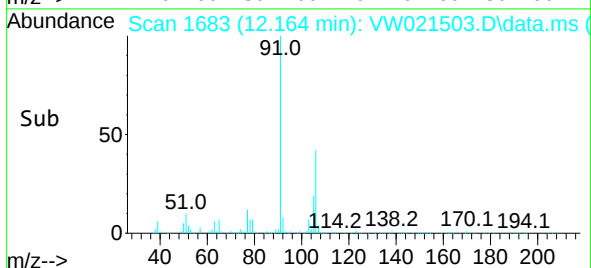
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Supervised By :Amit Patel 12/24/2021

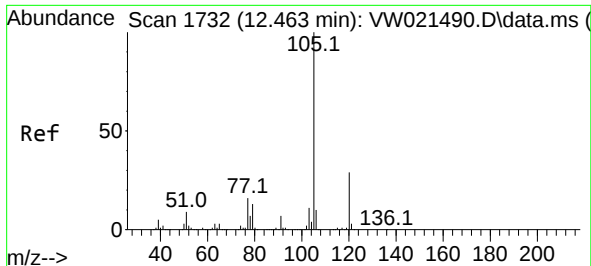


#54
o-Xylene
Concen: 11.973 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021503.D
Acq: 20 Dec 2021 17:12



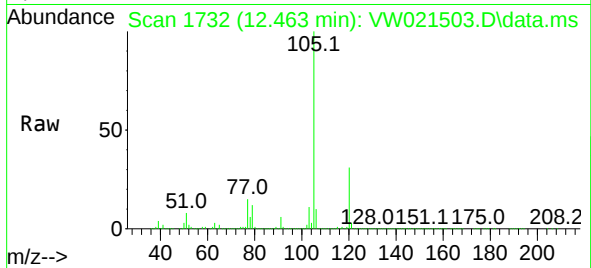
Tgt Ion:106 Resp: 46581
Ion Ratio Lower Upper
106 100
91 212.9 153.6 285.3





#60
Isopropylbenzene
Concen: 356.413 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021503.D
Acq: 20 Dec 2021 17:12

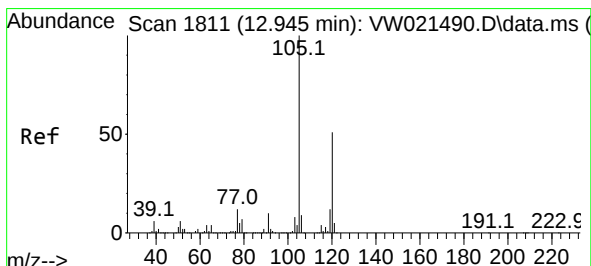
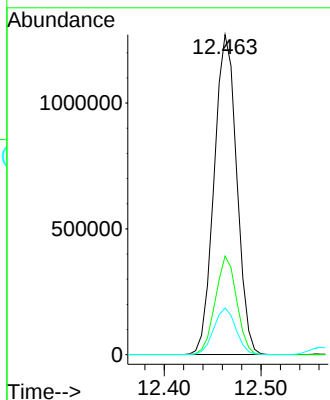
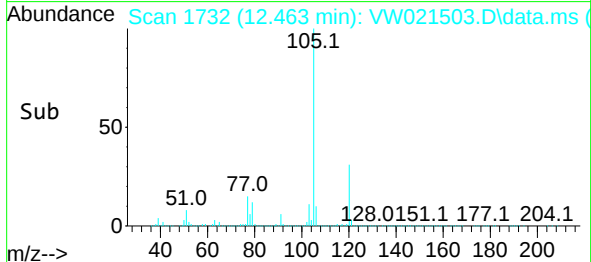
Instrument :
MSVOA_W
ClientSampleId :
BGLB0



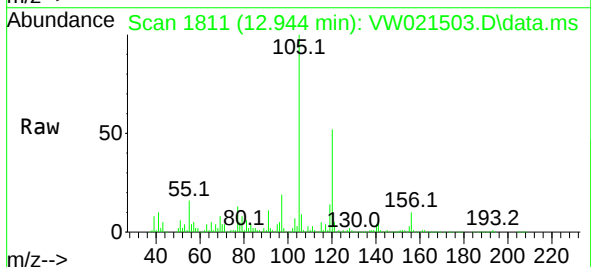
Tgt Ion:105 Resp: 206285
Ion Ratio Lower Upper
105 100
120 29.1 20.1 30.1
77 14.2 13.8 20.8

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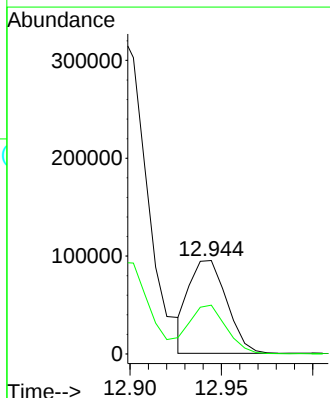
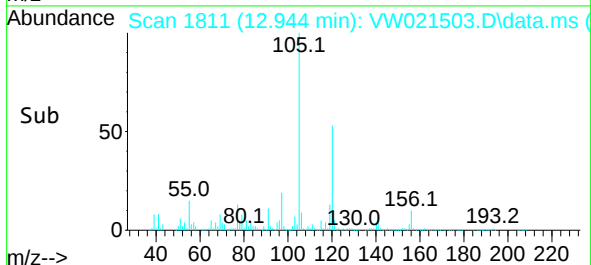
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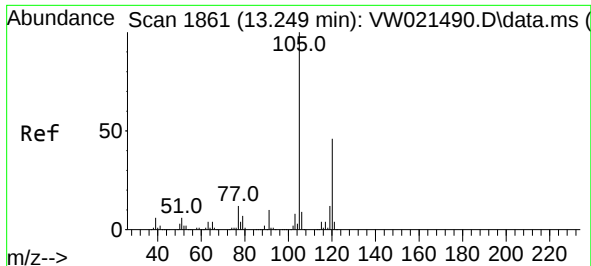


#62
1,3,5-Trimethylbenzene
Concen: 27.558 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW021503.D
Acq: 20 Dec 2021 17:12



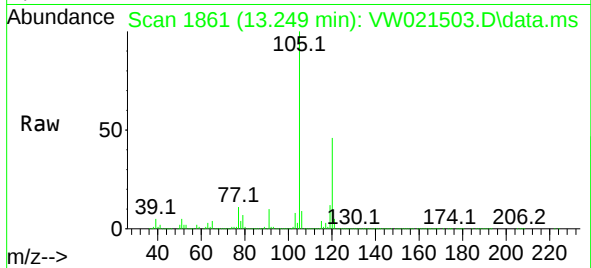
Tgt Ion:105 Resp: 135725
Ion Ratio Lower Upper
105 100
120 54.4 37.4 56.2





#63
1,2,4-Trimethylbenzene
Concen: 465.184 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021503.D
Acq: 20 Dec 2021 17:12

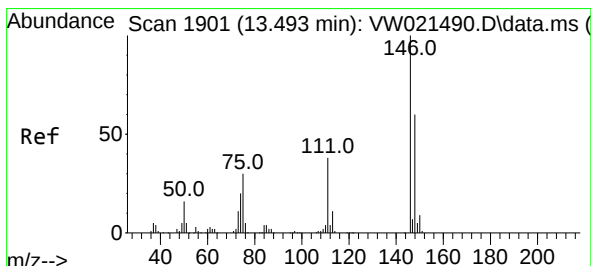
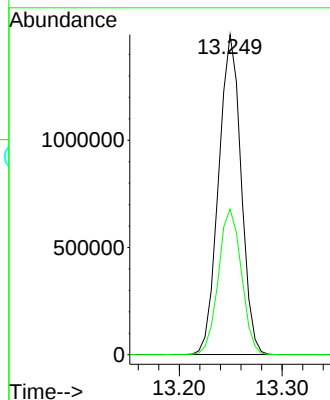
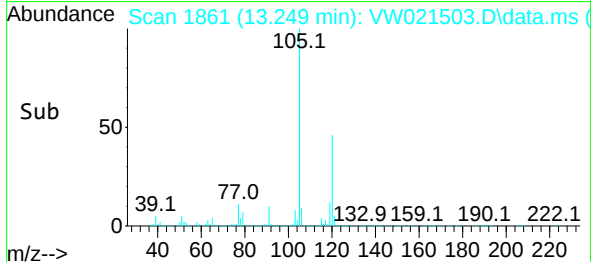
Instrument :
MSVOA_W
ClientSampleId :
BGLB0



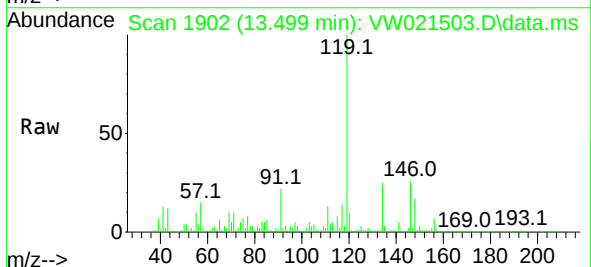
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Ion Ratio Lower Upper
105 100
120 46.5 35.0 52.6

Manual Integrations
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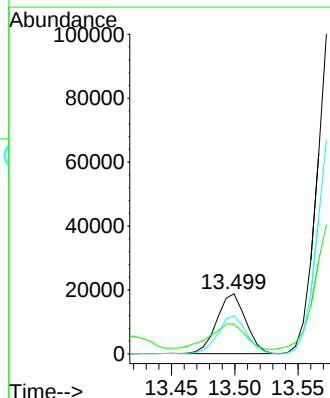
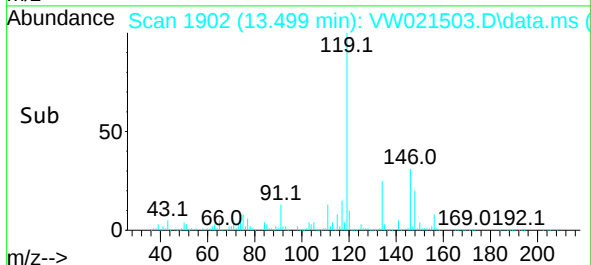
Reviewed By :Semsettin Yesilyurt 12/20/2021
Supervised By :Amit Patel 12/24/2021

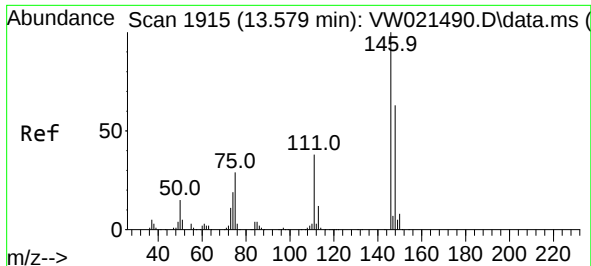


#64
1,3-Dichlorobenzene
Concen: 10.880 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW021503.D
Acq: 20 Dec 2021 17:12



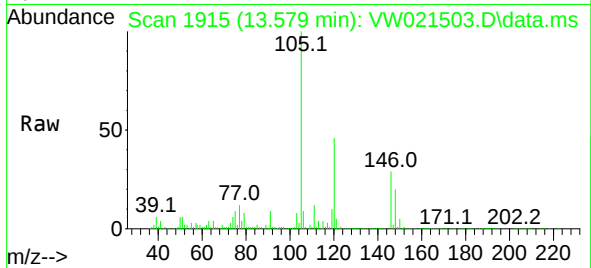
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Ion Ratio Lower Upper
146 100
111 50.0 29.8 55.3
148 63.4 46.2 85.8





#65
1,4-Dichlorobenzene
Concen: 60.611 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW021503.D
Acq: 20 Dec 2021 17:12

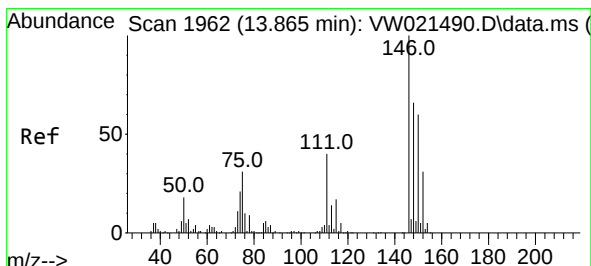
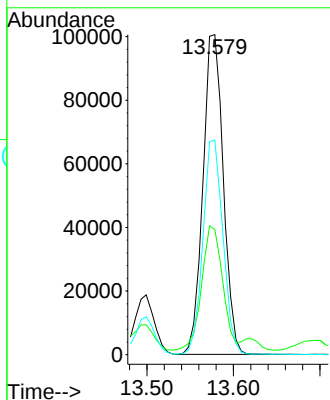
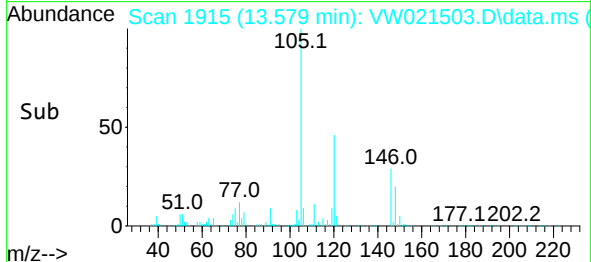
Instrument :
MSVOA_W
ClientSampleId :
BGLB0



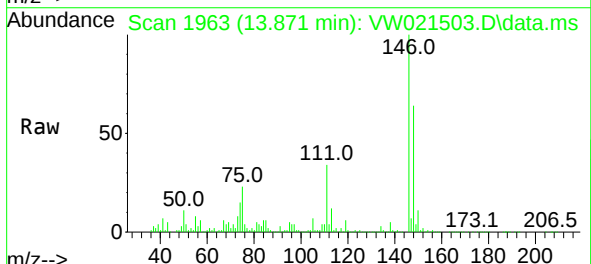
Tgt Ion:146 Resp: 164398
Ion Ratio Lower Upper
146 100
111 39.1 29.0 53.9
148 67.1 46.9 87.1

Manual Integrations
APPROVED

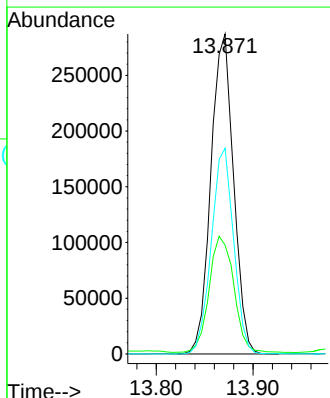
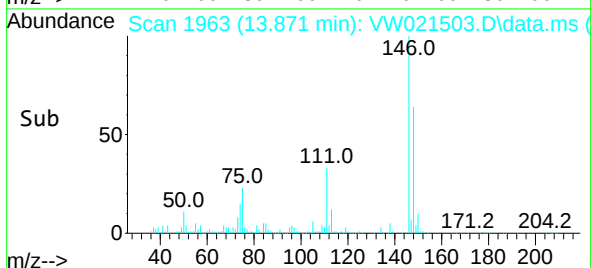
Reviewed By :Semsettin Yesilyurt 12/20/2021
Supervised By :Amit Patel 12/24/2021

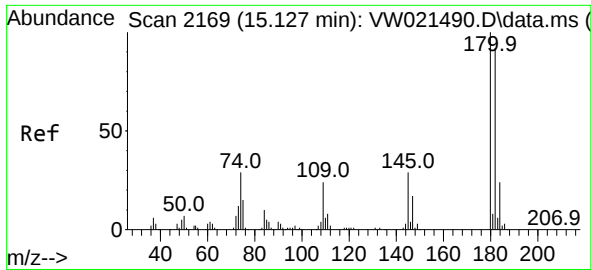


#67
1,2-Dichlorobenzene
Concen: 194.435 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW021503.D
Acq: 20 Dec 2021 17:12



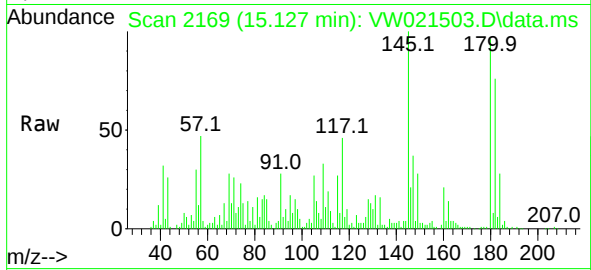
Tgt Ion:146 Resp: 467318
Ion Ratio Lower Upper
146 100
111 34.0 33.1 49.7
148 64.3 47.4 71.2





#70
 1,2,4-trichlorobenzene
 Concen: 18.523 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.006 min
 Lab File: VW021503.D
 Acq: 20 Dec 2021 17:12

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLB0



Tgt Ion:180 Resp: 30400
 Ion Ratio Lower Upper
 180 100
 182 92.5 79.0 118.6
 145 163.3 26.0 39.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2021
 Supervised By :Amit Patel 12/24/2021

