

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
 Data File : VW021435.D
 Acq On : 17 Dec 2021 16:54
 Operator : SY/VA
 Sample : M5121-10
 Misc : 6.02g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL57

Manual Integrations
 APPROVED

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

Quant Time: Dec 17 21:17:49 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	68523	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	70999	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	36904	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	20787	16.657	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.640%
7) Chloroethane-d5	2.879	69	12498	15.149	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.600%
11) 1,1-Dichloroethene-d2	4.007	63	24821	14.918	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.680%
21) 2-Butanone-d5	7.074	46	12735	72.392	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.780%#
24) Chloroform-d	7.647	84	38950	20.397	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	8.299	65	25092	24.703	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	8.275	84	74865	19.237	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.960%
36) 1,2-Dichloropropane-d6	9.274	67	21898	20.981	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.920%
41) Toluene-d8	10.323	98	72873	18.327	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.320%
43) trans-1,3-Dichloroprop...	10.579	79	9216	19.177	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.720%
47) 2-Hexanone-d5	10.921	63	9994	64.755	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.500%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	21876	24.382	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	26420	18.472	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.880%#
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	5262	33.366	ug/L	96
22) 2-Butanone	7.183	43	1405m	6.822	ug/L	
40) 4-Methyl-2-pentanone	10.207	43	1468	3.123	ug/L	96
60) Isopropylbenzene	12.463	105	5466	1.090	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.938	105	24001	5.625	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	54544	12.958	ug/L	96

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

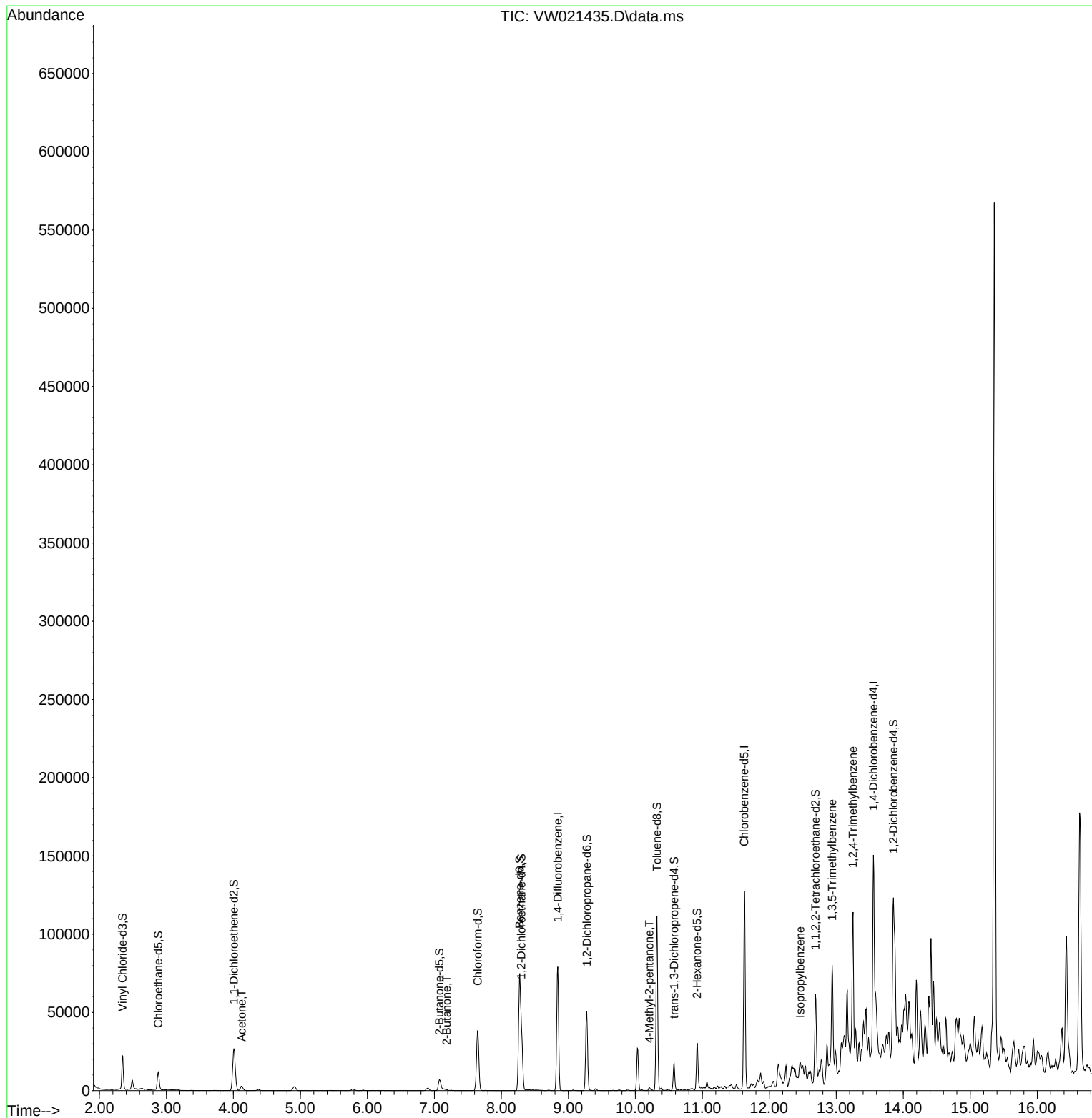
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
Data File : VW021435.D
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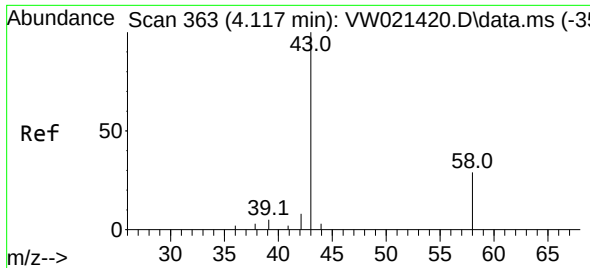
Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 17 00:58:26 2021
Response via : Initial Calibration





#13

Acetone

Concen: 33.366 ug/L

RT: 4.123 min Scan# 364

Delta R.T. -0.006 min

Lab File: VW021435.D

Acq: 17 Dec 2021 16:54

Instrument :

MSVOA_W

ClientSampleId :

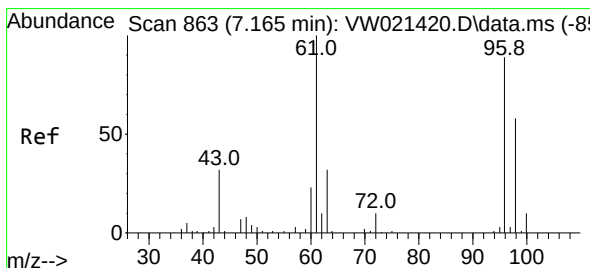
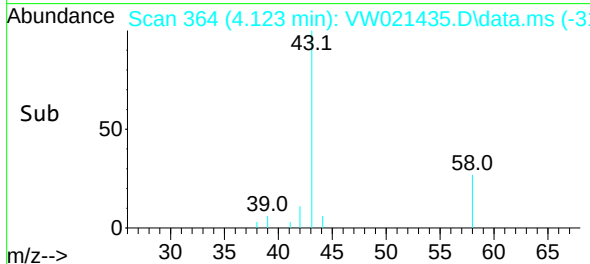
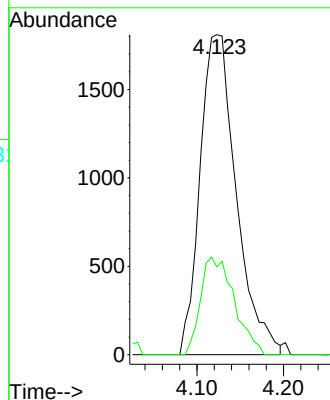
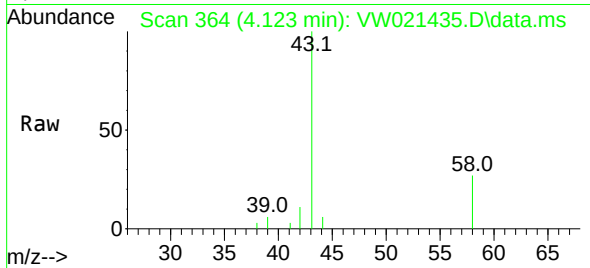
BGL57

Tgt Ion: 43 Resp: 526
 Ion Ratio Lower Upper
 43 100
 58 28.3 0.0 52.8

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#22

2-Butanone

Concen: 6.822 ug/L m

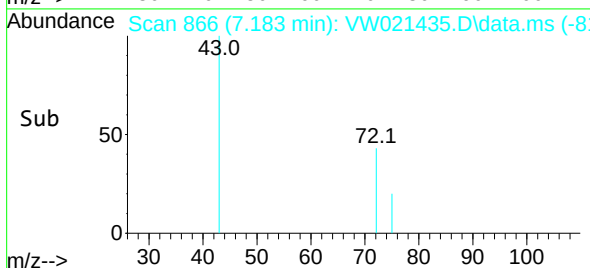
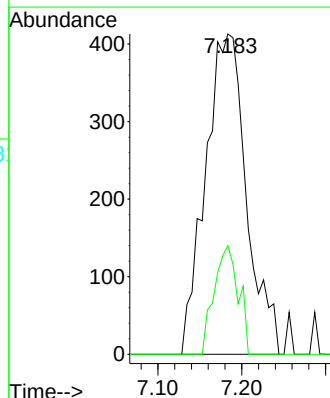
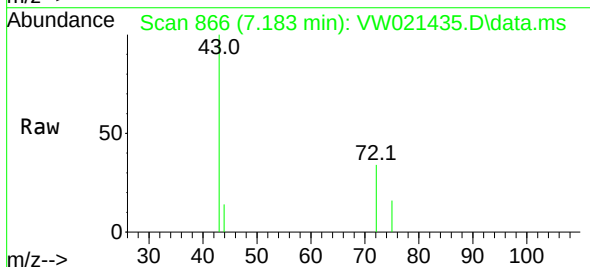
RT: 7.183 min Scan# 866

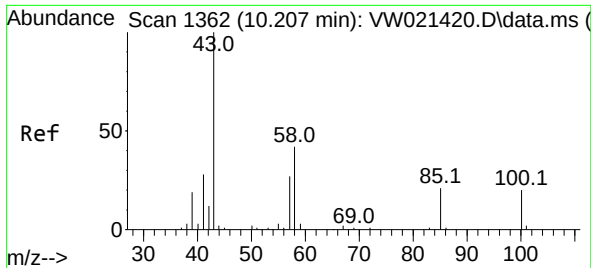
Delta R.T. 0.018 min

Lab File: VW021435.D

Acq: 17 Dec 2021 16:54

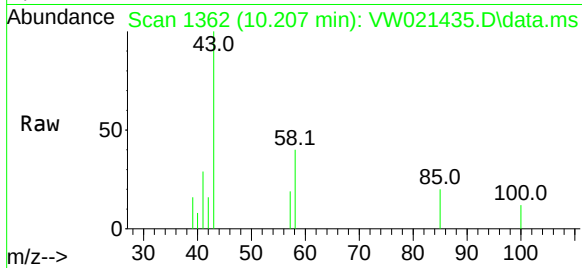
Tgt Ion: 43 Resp: 1405
 Ion Ratio Lower Upper
 43 100
 72 19.9 11.8 35.4





#40
4-Methyl-2-pentanone
Concen: 3.123 ug/L
RT: 10.207 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021435.D
Acq: 17 Dec 2021 16:54

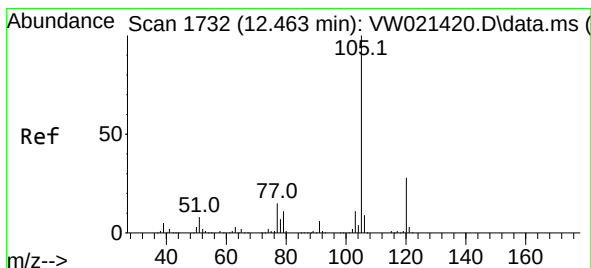
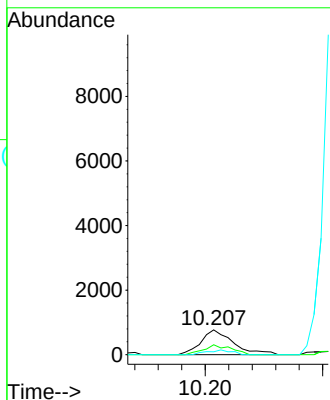
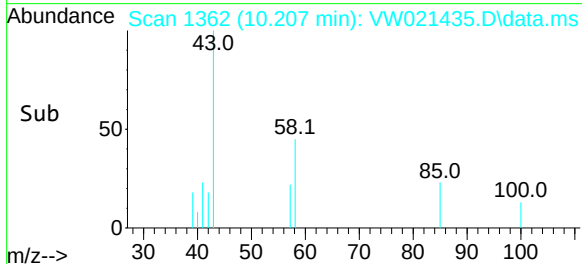
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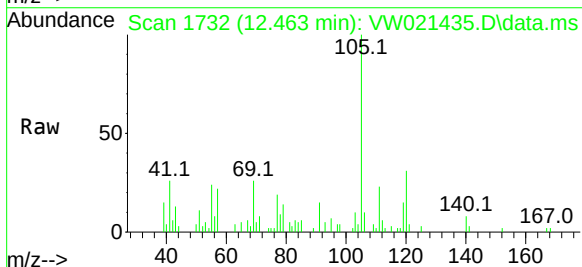
Tgt Ion: 43 Resp: 1468
Ion Ratio Lower Upper
43 100
58 34.0 28.8 43.2
100 14.6 10.0 15.0

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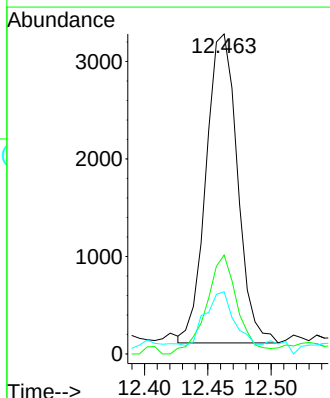
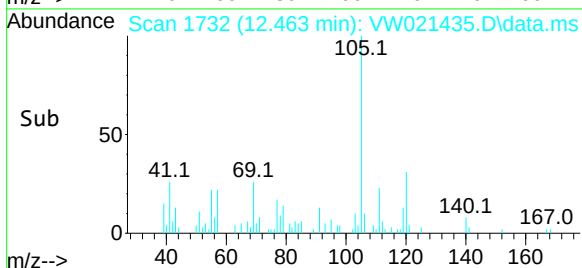
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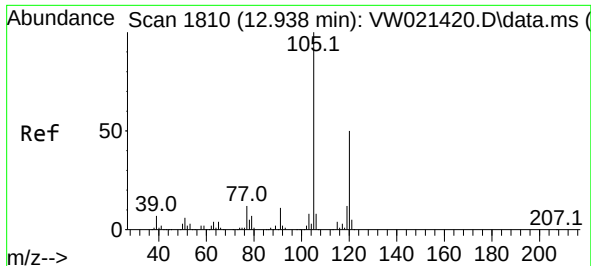


#60
Isopropylbenzene
Concen: 1.090 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021435.D
Acq: 17 Dec 2021 16:54



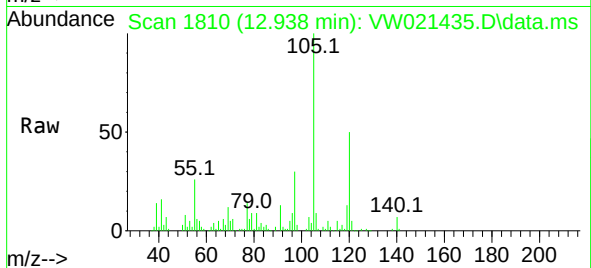
Tgt Ion:105 Resp: 5466
Ion Ratio Lower Upper
105 100
120 31.6 20.1 30.1#
77 18.7 13.8 20.8





#62
1,3,5-Trimethylbenzene
Concen: 5.625 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW021435.D
Acq: 17 Dec 2021 16:54

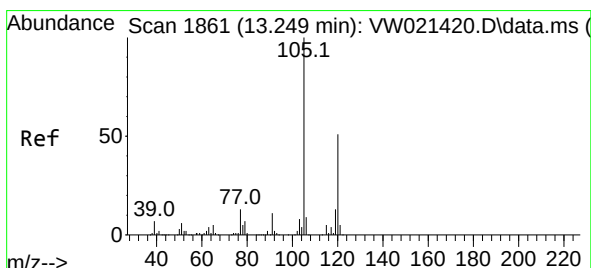
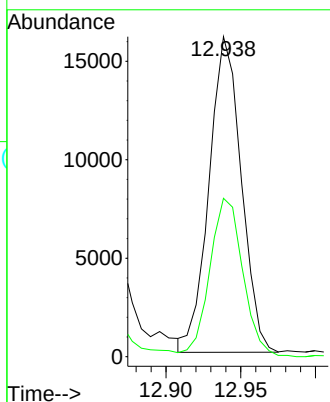
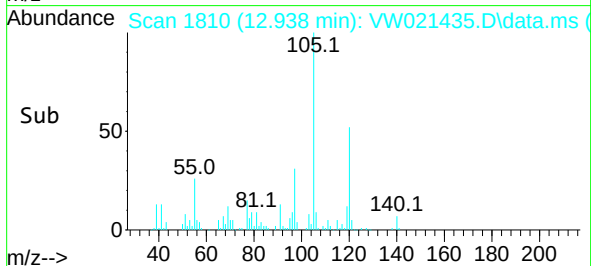
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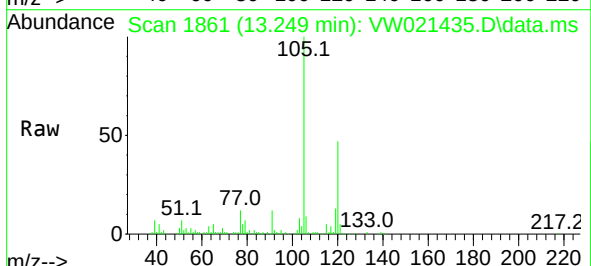
Tgt Ion:105 Resp: 2400
Ion Ratio Lower Upper
105 100
120 51.6 37.4 56.2

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#63
1,2,4-Trimethylbenzene
Concen: 12.958 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021435.D
Acq: 17 Dec 2021 16:54



Tgt Ion:105 Resp: 54544
Ion Ratio Lower Upper
105 100
120 46.1 35.0 52.6

