

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
 Data File : VW018829.D
 Acq On : 28 Apr 2021 18:43
 Operator : SY/VA
 Sample : M2177-17
 Misc : 4.49G/10ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 BG587

Manual Integrations
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 4/30/2021 10:48:17 AM

Quant Time: Apr 29 00:17:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 29 00:13:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	400170	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	262137	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	130741	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	77001	12.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	50.64%		
7) Chloroethane-d5	2.891	69	76615	14.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	56.88%		
11) 1,1-Dichloroethene-d2	4.025	63	97313m	9.21	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	36.84%#		
21) 2-Butanone-d5	7.080	46	98560	71.20	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	142.40%#		
24) Chloroform-d	7.653	84	233407	21.25	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.00%		
26) 1,2-Dichloroethane-d4	8.305	65	144359	23.38	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	93.52%		
32) Benzene-d6	8.275	84	368021	23.93	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	95.72%		
36) 1,2-Dichloropropane-d6	9.274	67	141783	30.59	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	122.36%#		
41) Toluene-d8	10.323	98	262902	18.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	74.76%		
43) trans-1,3-Dichloroprop...	10.579	79	43638	22.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.48%		
47) 2-Hexanone-d5	10.927	63	84126	104.40	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	208.80%#		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	175548	45.36	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	181.44%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	97259	21.18	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	84.72%		
Target Compounds						Qvalue
13) Acetone	4.135	43	100098	99.62	ug/L	90
14) Carbon disulfide	4.385	76	55636	3.55	ug/L	99
16) Methylene chloride	4.922	84	44559	6.79	ug/L	93
18) Methyl tert-butyl Ether	5.422	73	3691	0.49	ug/L #	1
22) 2-Butanone	7.177	43	43233	28.32	ug/L	99
29) Cyclohexane	7.939	56	16072m	2.49	ug/L	
33) Benzene	8.330	78	20663	1.26	ug/L	100
35) Methylcyclohexane	9.335	83	104215	14.15	ug/L #	56
42) Toluene	10.390	91	9098	0.51	ug/L	92
52) Ethylbenzene	11.731	91	49977	2.56	ug/L	91
53) m,p-Xylene	11.841	106	42125	5.88	ug/L	88
54) o-Xylene	12.164	106	66043	9.61	ug/L	86
60) Isopropylbenzene	12.463	105	50011m	2.60	ug/L	
62) 1,3,5-Trimethylbenzene	12.945	105	175803	11.04	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	1039153	65.37	ug/L	99

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

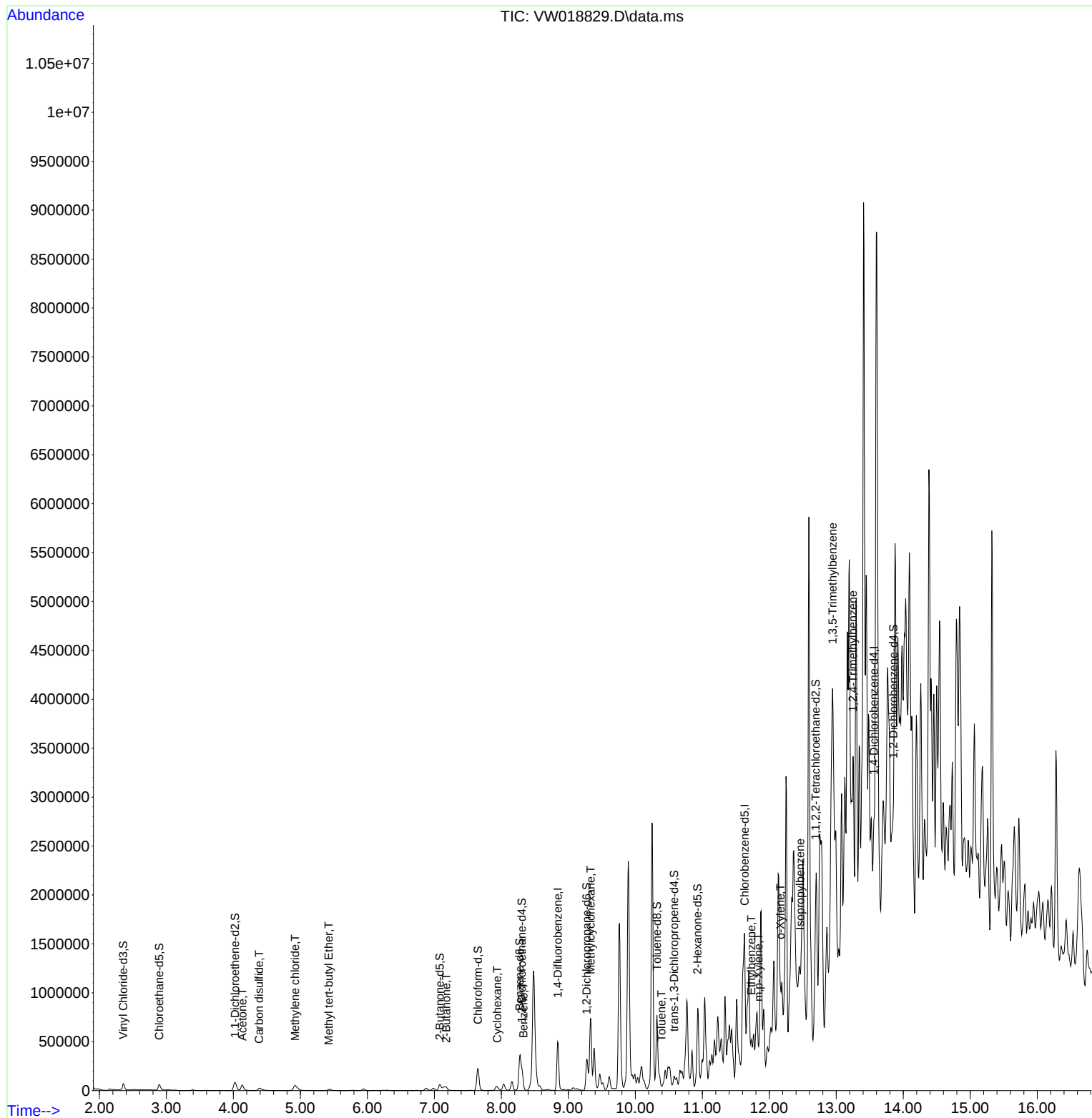
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Data File : VW018829.D
Acq On : 28 Apr 2021 18:43
Operator : SY/VA
Sample : M2177-17
Misc : 4.49G/10ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

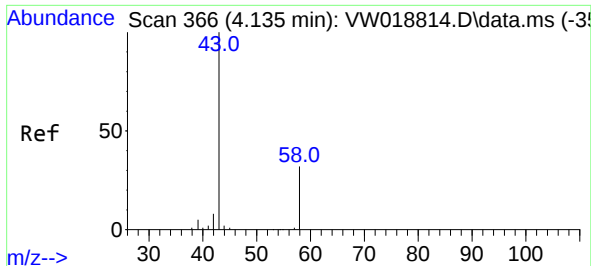
Instrument :
MSVOA_W
ClientSampleId :
BG587

Quant Time: Apr 29 00:17:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Apr 29 00:13:39 2021
Response via : Initial Calibration

Manual Integrations
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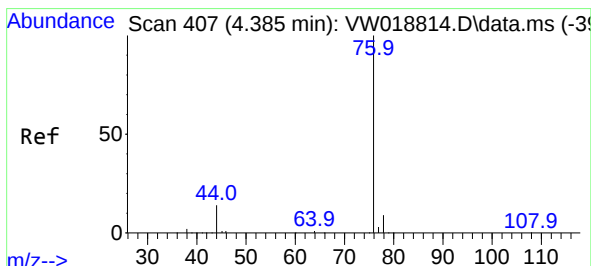
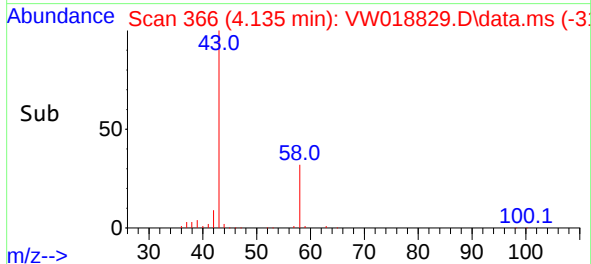
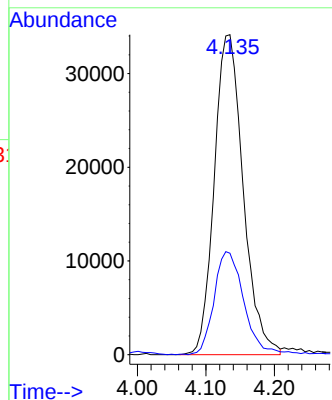
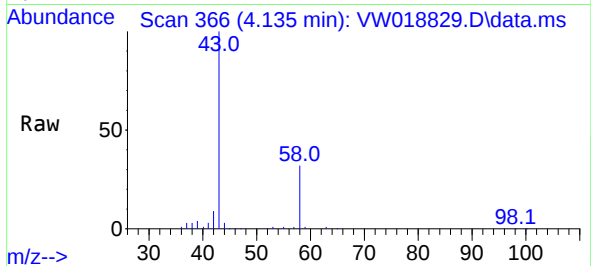
#13
Acetone
Concen: 99.62 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW018829.D
Acq: 28 Apr 2021 18:43

Tgt Ion: 43 Resp: 100098
Ion Ratio Lower Upper
43 100
58 32.2 0.0 53.8

Instrument :
MSVOA_W
ClientSampled :
BG587

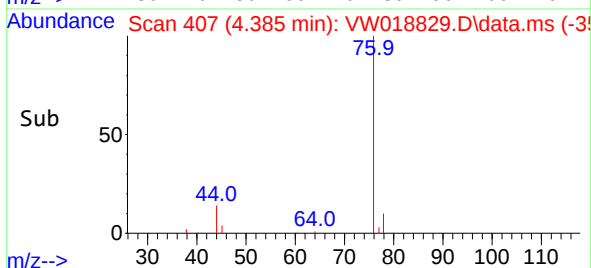
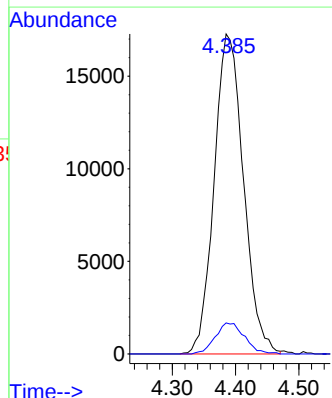
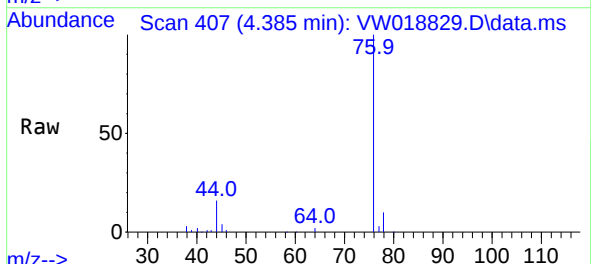
Manual Integrations
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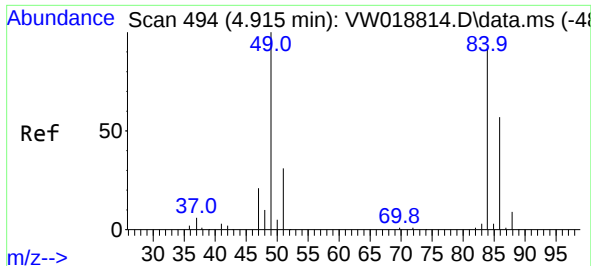
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#14
Carbon disulfide
Concen: 3.55 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018829.D
Acq: 28 Apr 2021 18:43

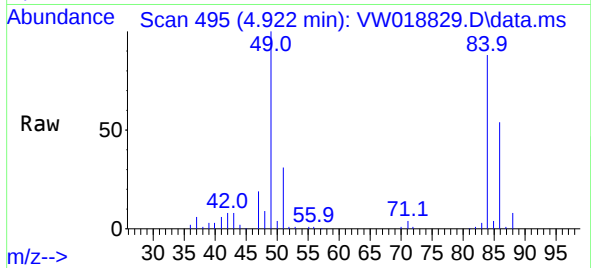
Tgt Ion: 76 Resp: 55636
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0





#16
Methylene chloride
Concen: 6.79 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018829.D
Acq: 28 Apr 2021 18:43

Instrument :
MSVOA_W
ClientSampled :
BG587

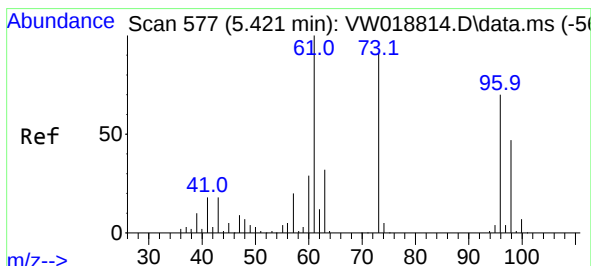
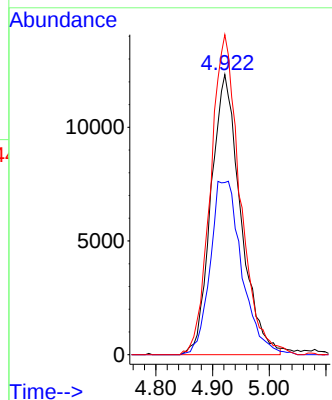
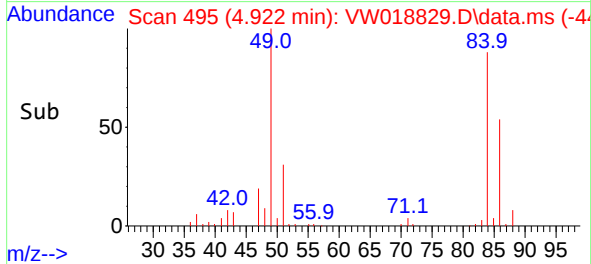


Tgt Ion: 84 Resp: 44559

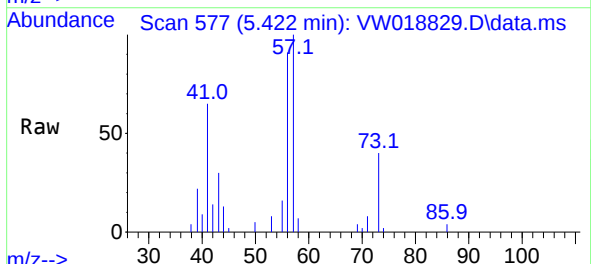
Ion	Ratio	Lower	Upper
84	100		
86	61.5	45.3	84.1
49	114.2	86.6	160.8

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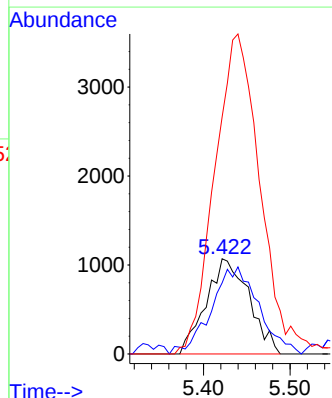
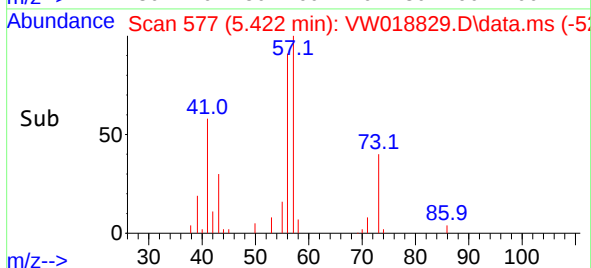


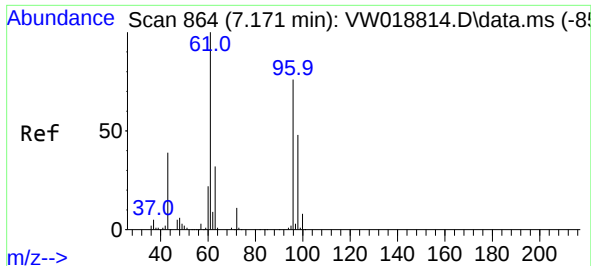
#18
Methyl tert-butyl Ether
Concen: 0.49 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW018829.D
Acq: 28 Apr 2021 18:43



Tgt Ion: 73 Resp: 3691

Ion	Ratio	Lower	Upper
73	100		
43	98.3	17.7	26.5#
57	344.5	17.0	25.4#





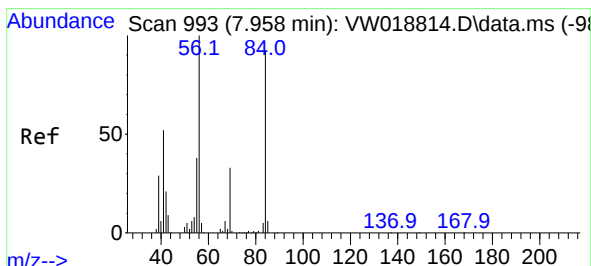
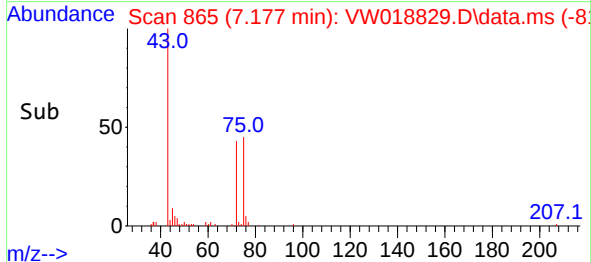
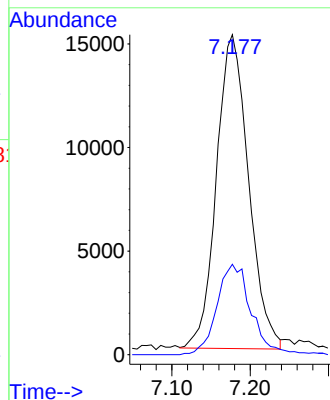
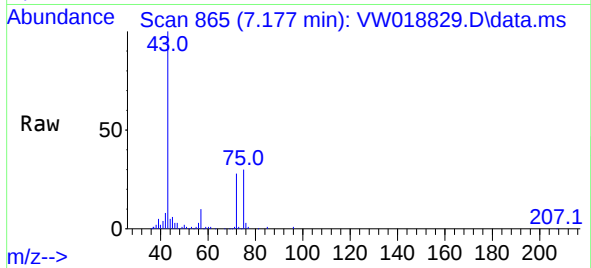
#22
2-Butanone
Concen: 28.32 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018829.D
Acq: 28 Apr 2021 18:43

Tgt Ion: 43 Resp: 43233
Ion Ratio Lower Upper
43 100
72 30.5 14.9 44.7

Instrument :
MSVOA_W
ClientSampled :
BG587

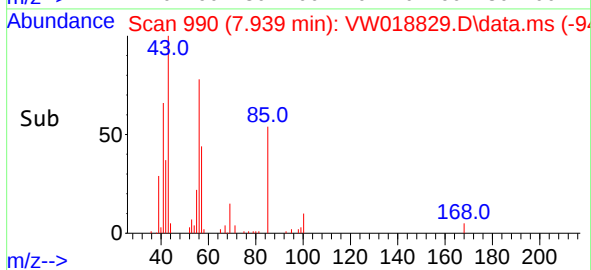
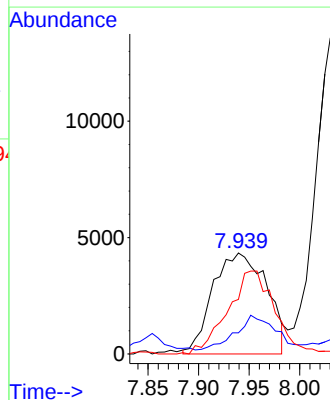
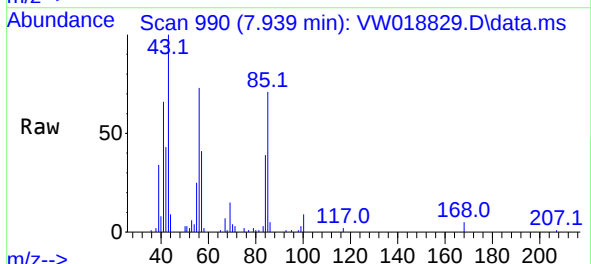
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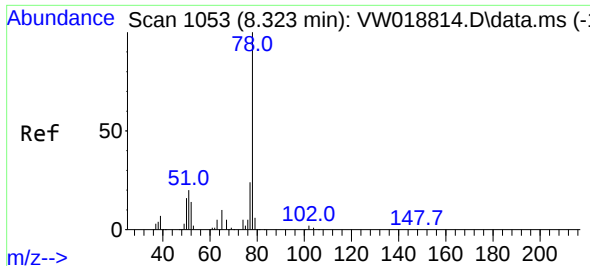
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#29
Cyclohexane
Concen: 2.49 ug/L m
RT: 7.939 min Scan# 990
Delta R.T. -0.018 min
Lab File: VW018829.D
Acq: 28 Apr 2021 18:43

Tgt Ion: 56 Resp: 16072
Ion Ratio Lower Upper
56 100
69 24.7 24.5 36.7
84 71.2 75.0 112.4#





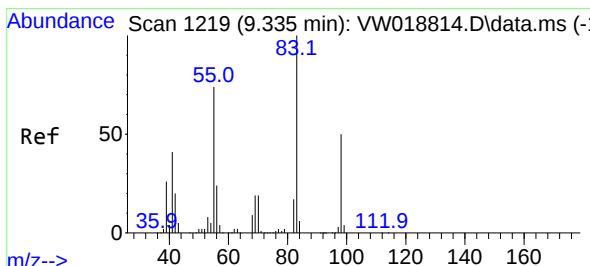
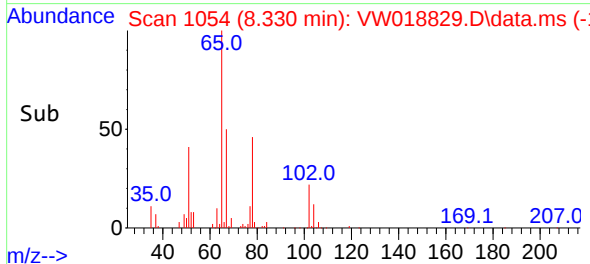
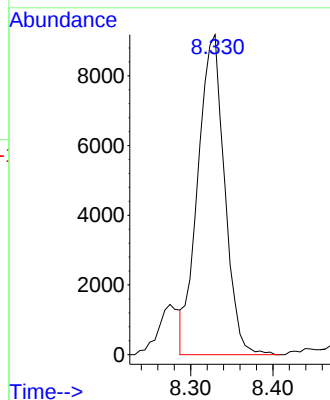
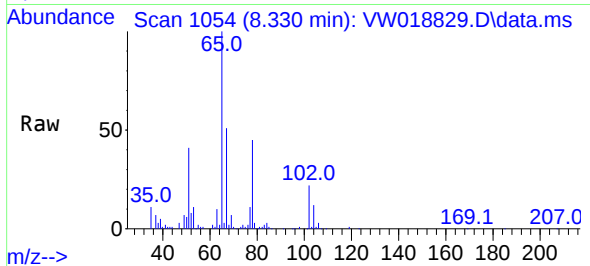
#33
Benzene
Concen: 1.26 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW018829.D
Acq: 28 Apr 2021 18:43

Tgt Ion: 78 Resp: 20663

Instrument :
MSVOA_W
ClientSampled :
BG587

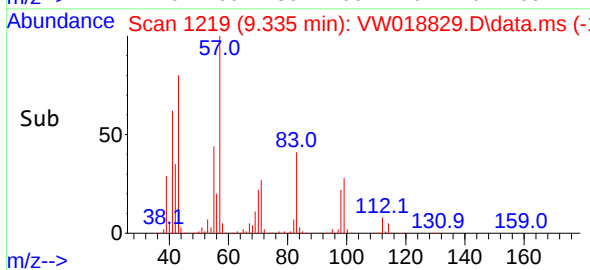
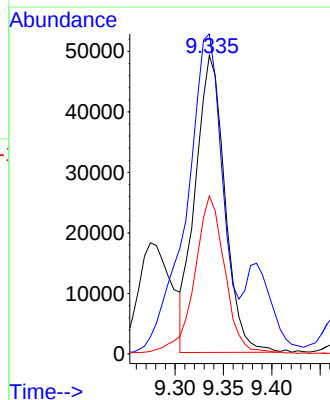
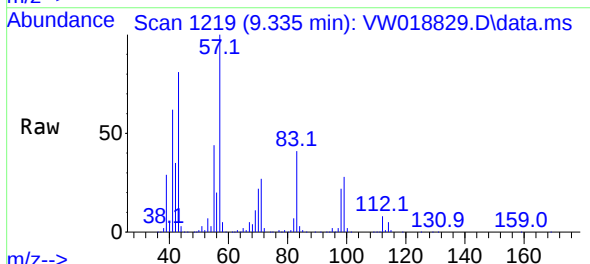
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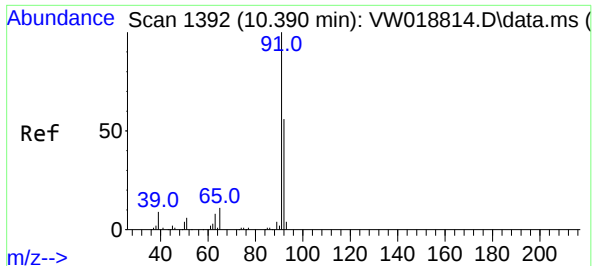
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#35
Methylcyclohexane
Concen: 14.15 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018829.D
Acq: 28 Apr 2021 18:43

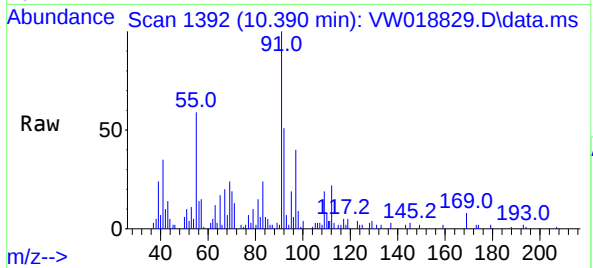
Tgt Ion: 83 Resp: 104215
Ion Ratio Lower Upper
83 100
55 131.5 58.9 88.3#
98 55.4 40.1 60.1





#42
Toluene
Concen: 0.51 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018829.D
Acq: 28 Apr 2021 18:43

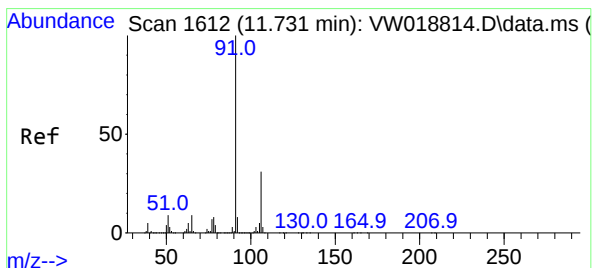
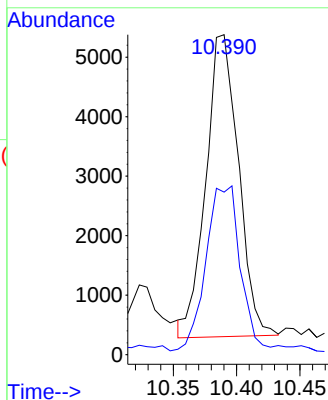
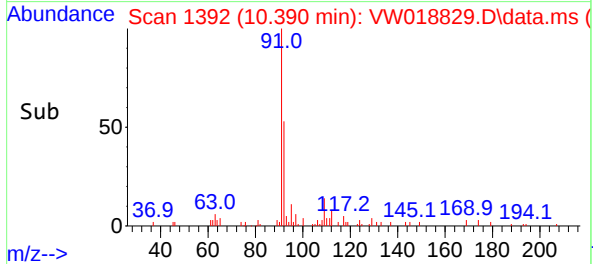
Instrument :
MSVOA_W
ClientSampled :
BG587



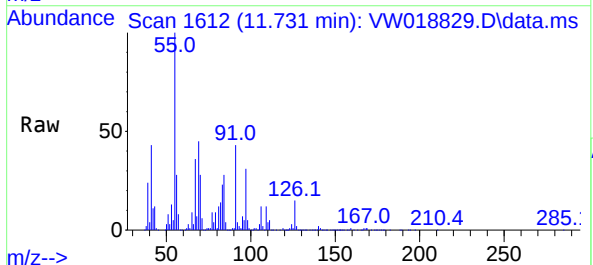
Tgt Ion: 91 Resp: 9098
Ion Ratio Lower Upper
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92 50.8 39.5 73.3

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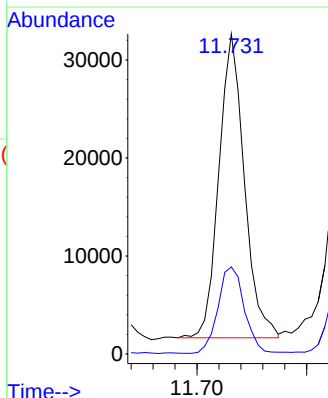
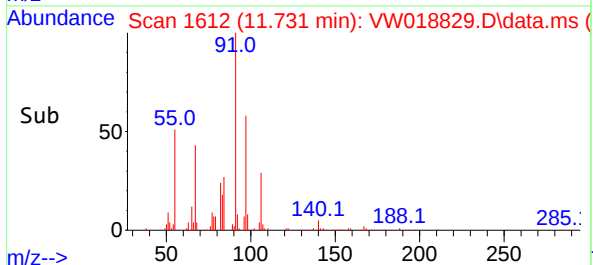
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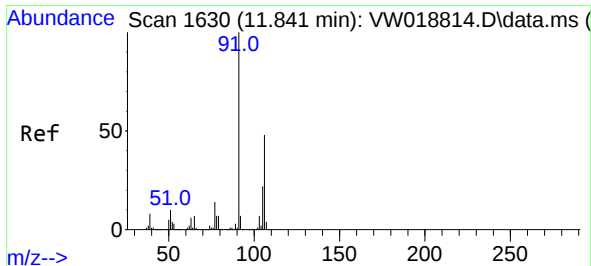


#52
Ethylbenzene
Concen: 2.56 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018829.D
Acq: 28 Apr 2021 18:43



Tgt Ion: 91 Resp: 49977
Ion Ratio Lower Upper
91 100
106 27.2 22.5 41.7





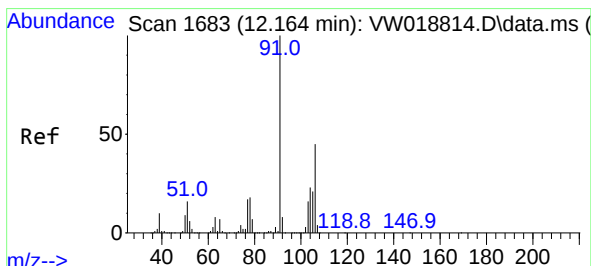
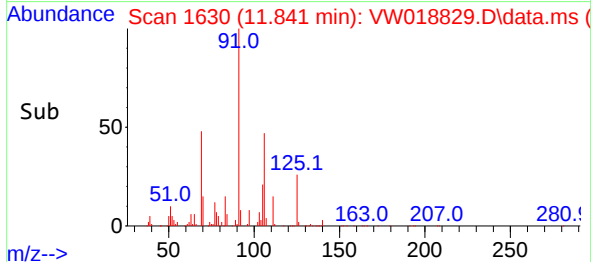
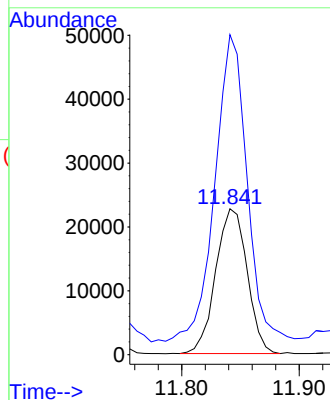
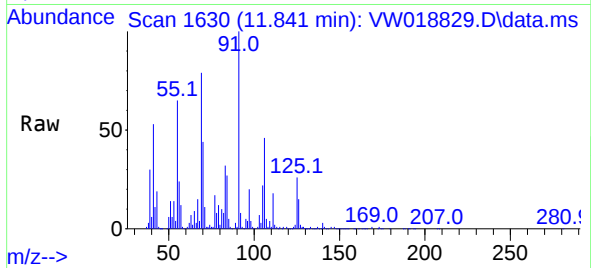
#53
m,p-Xylene
Concen: 5.88 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW018829.D
Acq: 28 Apr 2021 18:43

Tgt Ion:106 Resp: 42125
Ion Ratio Lower Upper
106 100
91 219.4 141.3 262.3

Instrument :
MSVOA_W
ClientSampled :
BG587

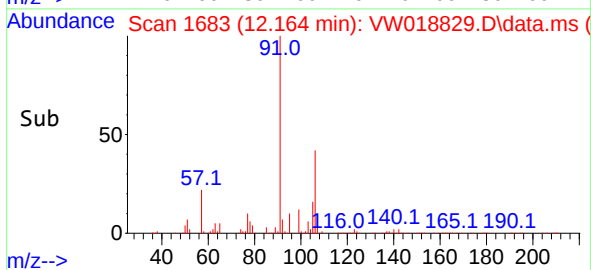
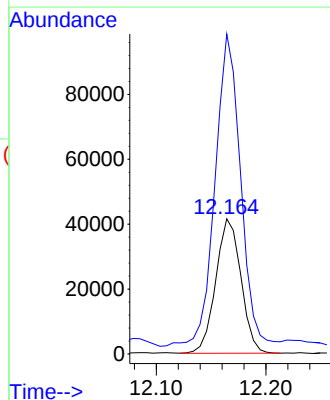
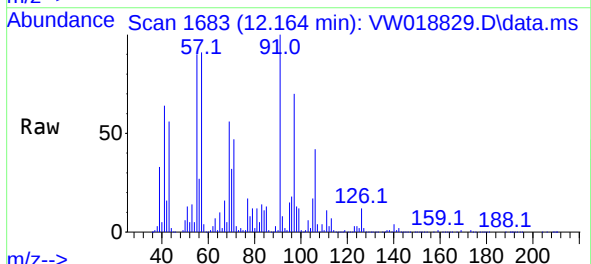
Manual Integrations
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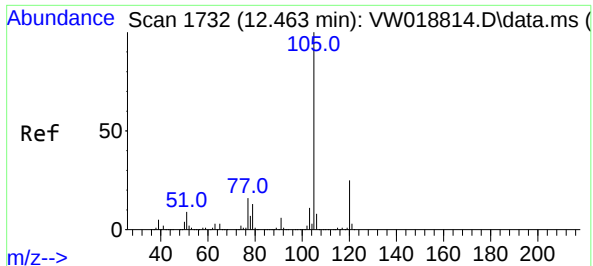
MMDadoda
4/30/2021 10:48:17 AM



#54
o-Xylene
Concen: 9.61 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018829.D
Acq: 28 Apr 2021 18:43

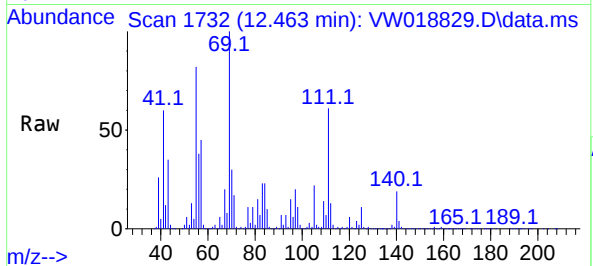
Tgt Ion:106 Resp: 66043
Ion Ratio Lower Upper
106 100
91 236.6 150.0 278.6





#60
Isopropylbenzene
Concen: 2.60 ug/L m
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018829.D
Acq: 28 Apr 2021 18:43

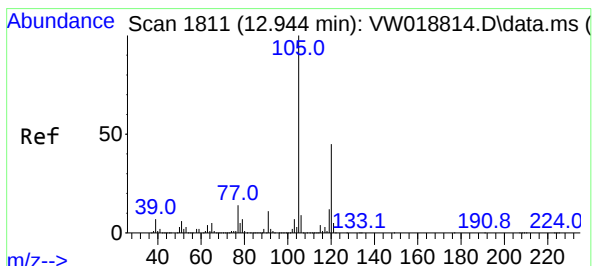
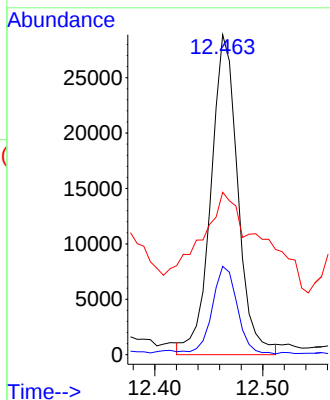
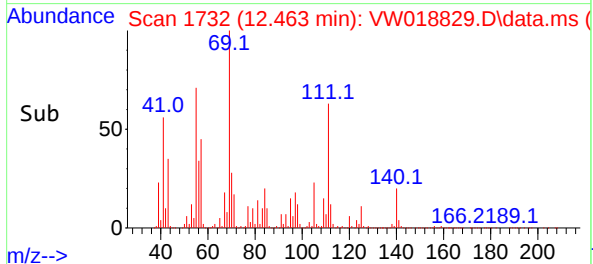
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MSVOA_W
ClientSampled :
BG587



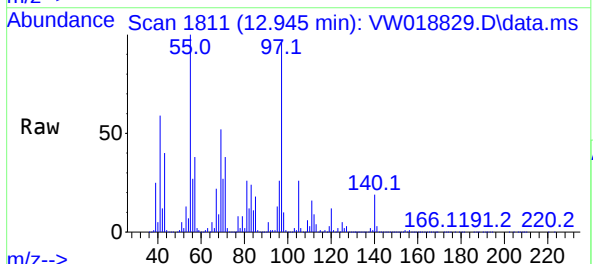
Tgt Ion:105 Resp: 50011
Ion Ratio Lower Upper
105 100
120 98.3 21.1 31.7#
77 48.8 13.2 19.8#

Manual Integrations
APPROVED

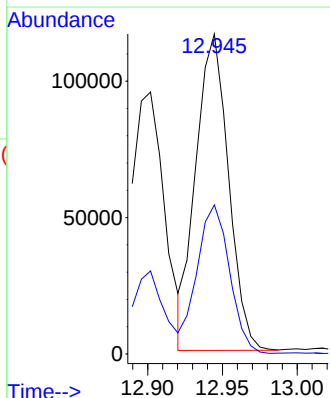
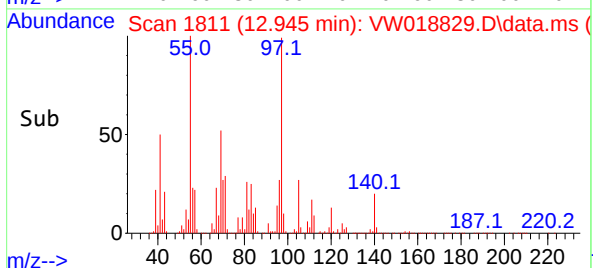
MMDadoda
4/30/2021 10:48:17 AM

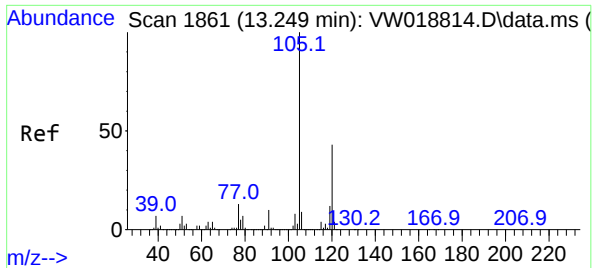


#62
1,3,5-Trimethylbenzene
Concen: 11.04 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW018829.D
Acq: 28 Apr 2021 18:43



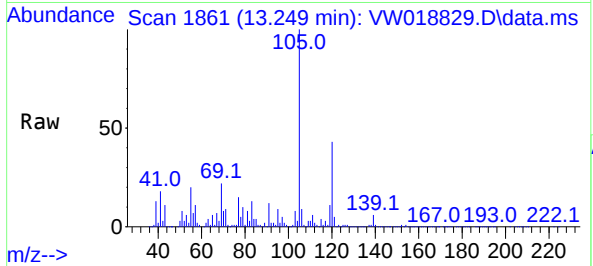
Tgt Ion:105 Resp: 175803
Ion Ratio Lower Upper
105 100
120 46.7 39.0 58.6





#63
 1,2,4-Trimethylbenzene
 Concen: 65.37 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW018829.D
 Acq: 28 Apr 2021 18:43

Instrument :
 MSVOA_W
 ClientSampled :
 BG587



Tgt Ion:105 Resp: 1039153
 Ion Ratio Lower Upper
 105 100
 120 44.0 35.6 53.4

Manual Integrations
 APPROVED

MMDadoda
 4/30/2021 10:48:17 AM

