

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
 Data File : VW018827.D
 Acq On : 28 Apr 2021 17:55
 Operator : SY/VA
 Sample : M2177-15
 Misc : 3.27G/10ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG585

Manual Integrations
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 4/30/2021 10:48:16 AM

Quant Time: Apr 29 00:16:54 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	422419	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	230007	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	81187	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	79195	12.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	49.36%		
7) Chloroethane-d5	2.886	69	83778	14.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	58.92%		
11) 1,1-Dichloroethene-d2	4.013	63	108483	9.73	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	38.92%#		
21) 2-Butanone-d5	7.080	46	108848	74.49	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	148.98%#		
24) Chloroform-d	7.647	84	245651	21.19	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.76%		
26) 1,2-Dichloroethane-d4	8.305	65	149767	22.98	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	91.92%		
32) Benzene-d6	8.275	84	385716	28.59	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	114.36%		
36) 1,2-Dichloropropane-d6	9.275	67	140672	34.60	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	138.40%#		
41) Toluene-d8	10.323	98	253045	20.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.04%		
43) trans-1,3-Dichloroprop...	10.579	79	34273	19.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	79.20%		
47) 2-Hexanone-d5	10.927	63	90990	128.69	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	257.38%#		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	130234	38.35	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	153.40%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	66561	23.34	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.36%		
Target Compounds					Qvalue	
13) Acetone	4.135	43	66631	62.82	ug/L	86
14) Carbon disulfide	4.385	76	78102	4.73	ug/L	99
16) Methylene chloride	4.922	84	48888	7.06	ug/L	90
18) Methyl tert-butyl Ether	5.434	73	27324m	3.42	ug/L	
22) 2-Butanone	7.184	43	24806	15.39	ug/L	99
29) Cyclohexane	7.946	56	5505m	0.97	ug/L	
33) Benzene	8.324	78	28178	1.95	ug/L	100
35) Methylcyclohexane	9.336	83	51054	7.90	ug/L #	83
42) Toluene	10.390	91	7841	0.51	ug/L	100
51) Chlorobenzene	11.658	112	10382	1.09	ug/L #	84
52) Ethylbenzene	11.731	91	65070	3.80	ug/L	90
53) m,p-Xylene	11.841	106	51812	8.25	ug/L	88
54) o-Xylene	12.164	106	98175	16.28	ug/L	97
60) Isopropylbenzene	12.463	105	170728	14.30	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	307368	31.07	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	804558	81.51	ug/L	99

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

Instrument :
MSVOA_W
ClientSampleId :
BG585

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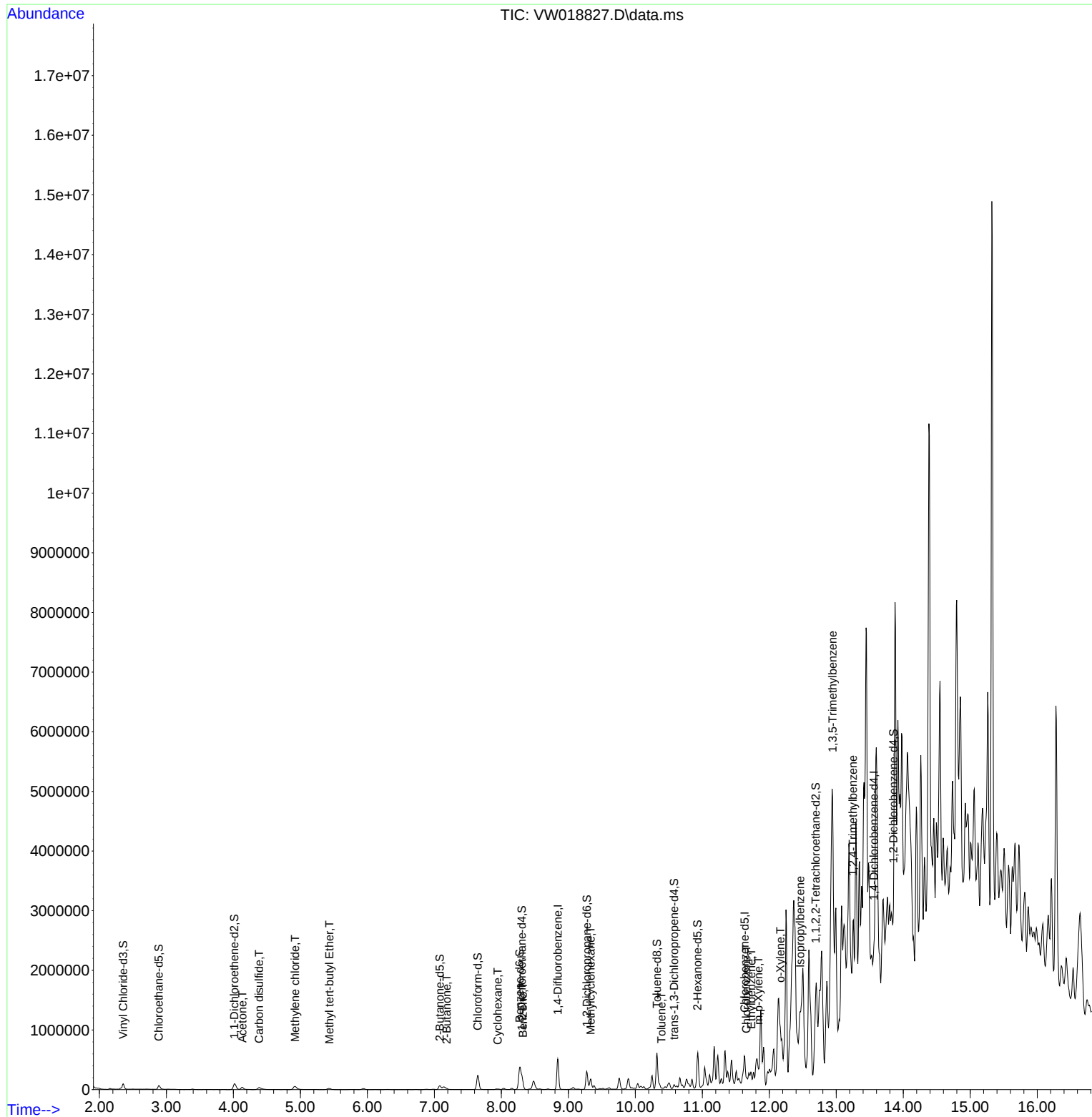
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Data File : VW018827.D
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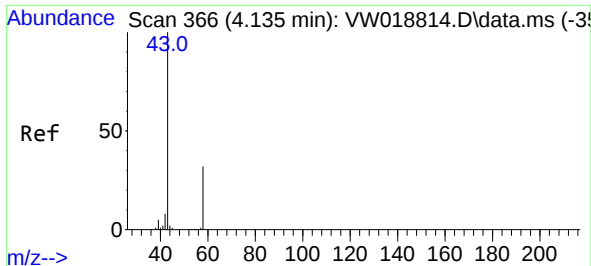
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ClientSampleId :
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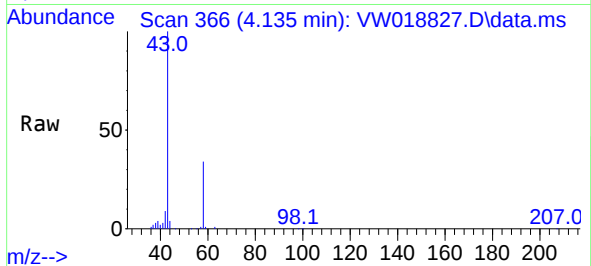
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Apr 29 00:13:39 2021
Response via : Initial Calibration





#13
Acetone
Concen: 62.82 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW018827.D
Acq: 28 Apr 2021 17:55

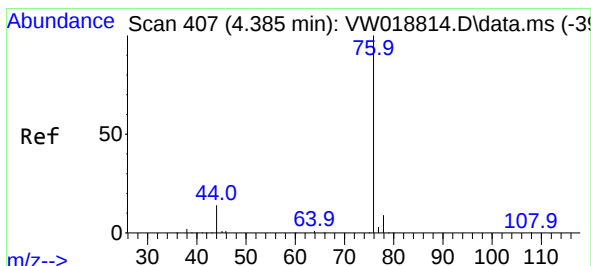
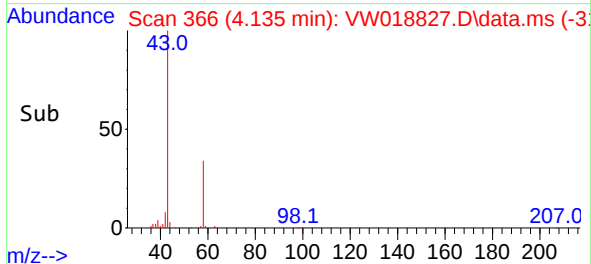
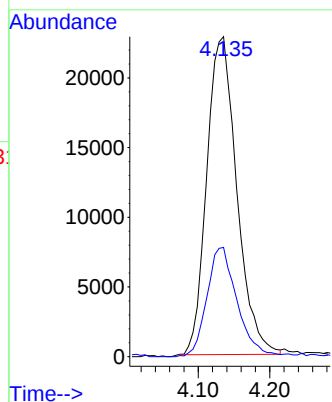
Instrument :
MSVOA_W
ClientSampled :
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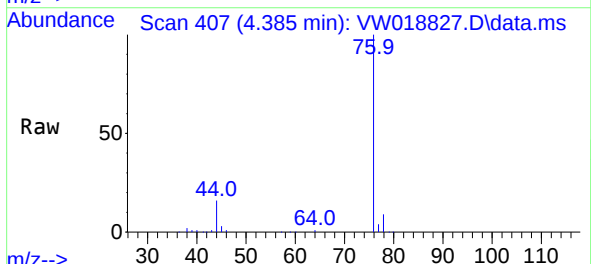
Tgt Ion: 43 Resp: 66631
Ion Ratio Lower Upper
43 100
58 34.4 0.0 53.8

Manual Integrations
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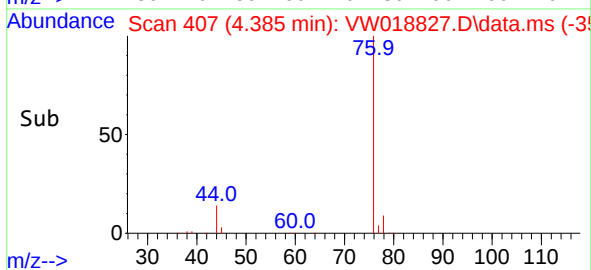
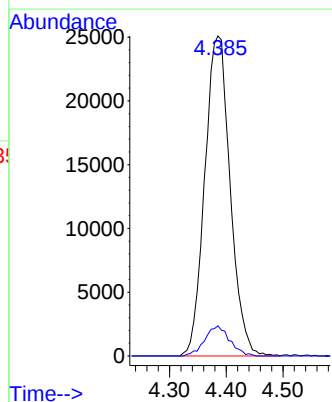
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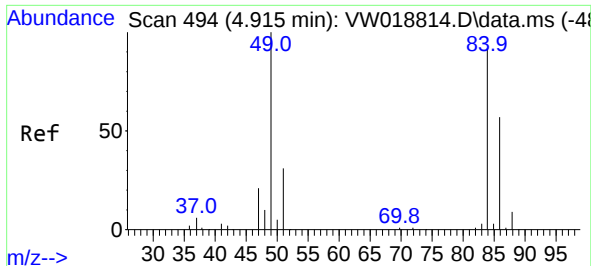


#14
Carbon disulfide
Concen: 4.73 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018827.D
Acq: 28 Apr 2021 17:55

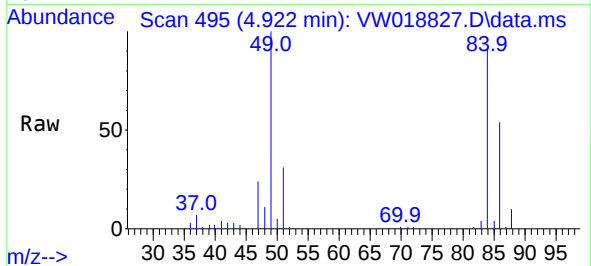


Tgt Ion: 76 Resp: 78102
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



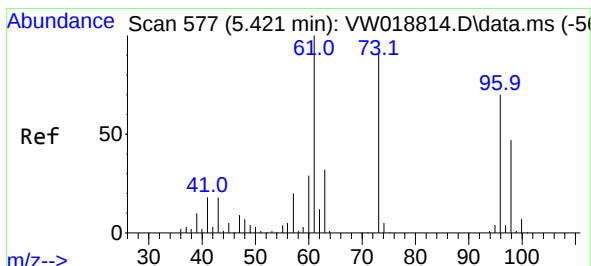
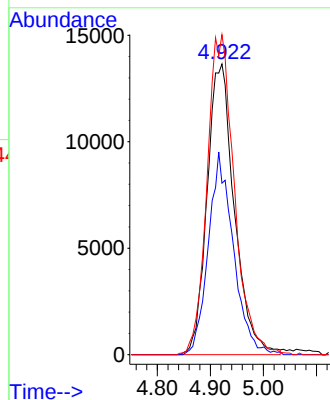
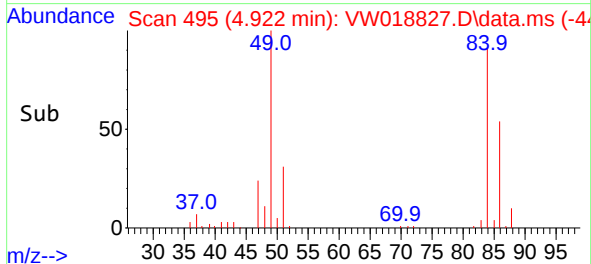


#16
Methylene chloride
Concen: 7.06 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018827.D
Acq: 28 Apr 2021 17:55

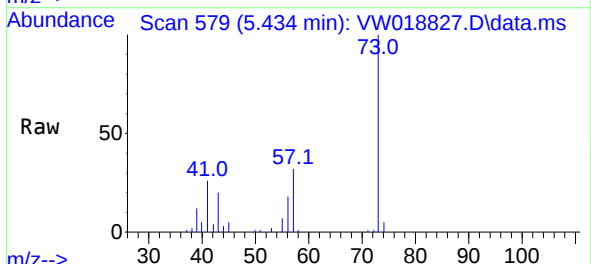


Tgt Ion: 84 Resp: 48888

Ion	Ratio	Lower	Upper
84	100		
86	59.0	45.3	84.1
49	110.1	86.6	160.8

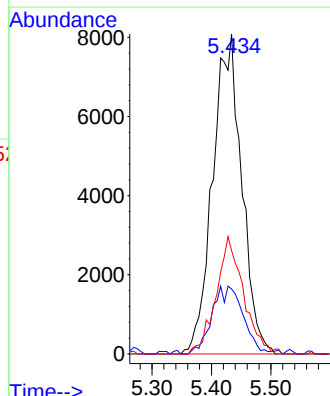
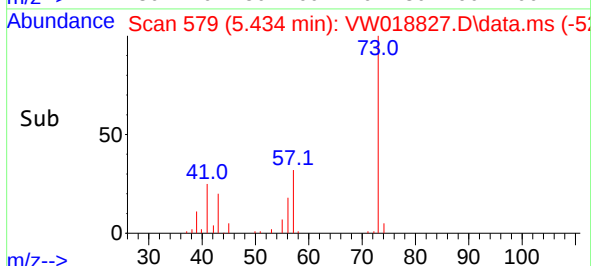


#18
Methyl tert-butyl Ether
Concen: 3.42 ug/L m
RT: 5.434 min Scan# 579
Delta R.T. 0.012 min
Lab File: VW018827.D
Acq: 28 Apr 2021 17:55



Tgt Ion: 73 Resp: 27324

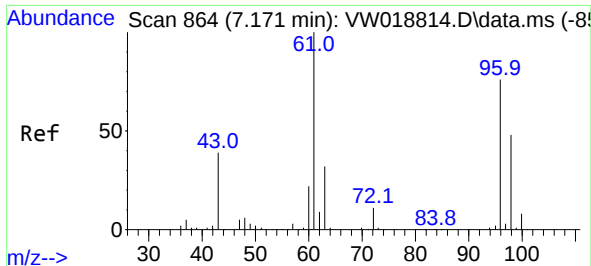
Ion	Ratio	Lower	Upper
73	100		
43	10.2	17.7	26.5#
57	0.0	17.0	25.4#



Instrument :
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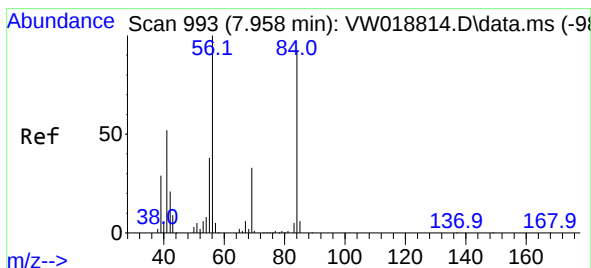
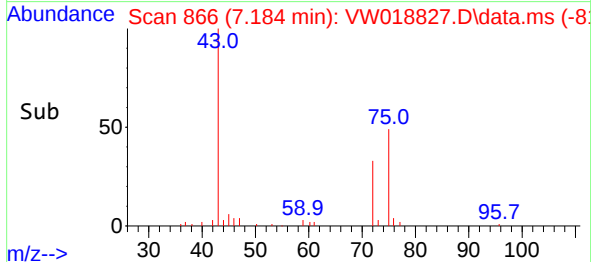
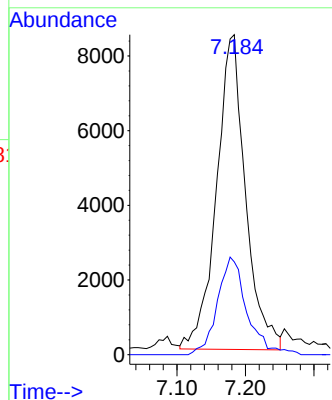
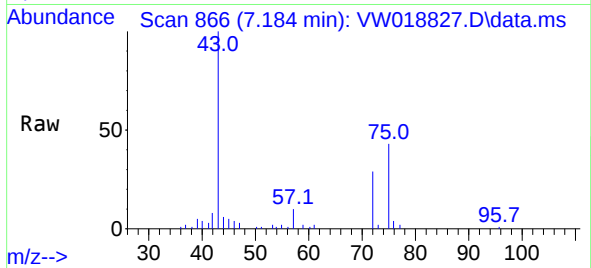
#22
2-Butanone
Concen: 15.39 ug/L
RT: 7.184 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW018827.D
Acq: 28 Apr 2021 17:55

Tgt Ion: 43 Resp: 24806
Ion Ratio Lower Upper
43 100
72 30.2 14.9 44.7

Instrument :
MSVOA_W
ClientSampled :
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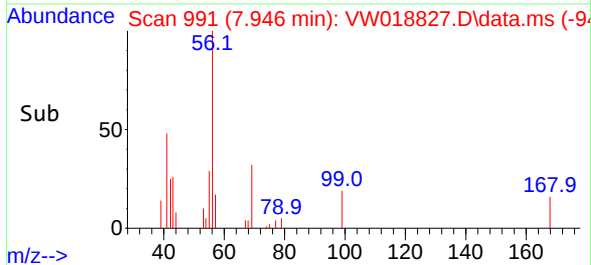
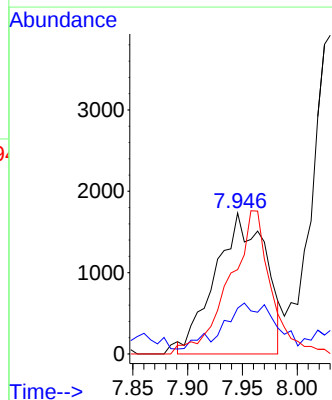
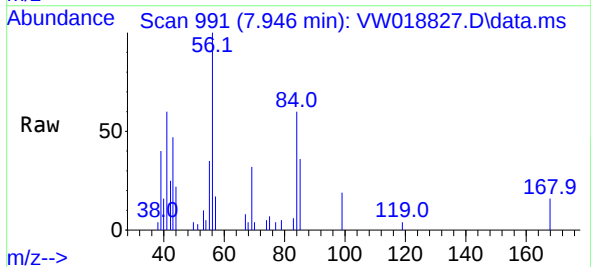
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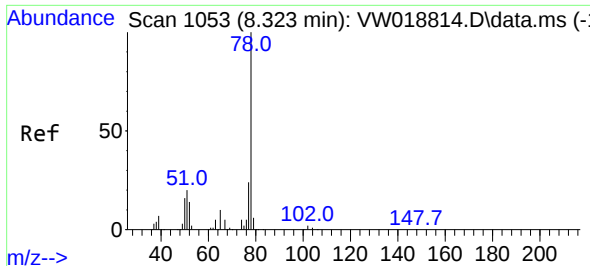
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#29
Cyclohexane
Concen: 0.97 ug/L m
RT: 7.946 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW018827.D
Acq: 28 Apr 2021 17:55

Tgt Ion: 56 Resp: 5505
Ion Ratio Lower Upper
56 100
69 17.7 24.5 36.7#
84 84.1 75.0 112.4





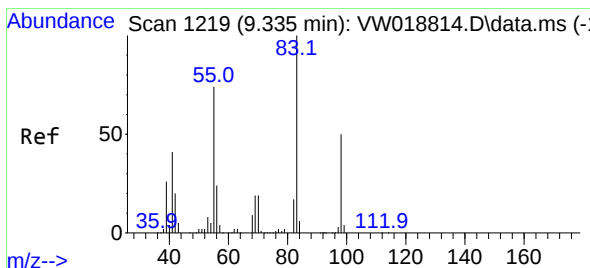
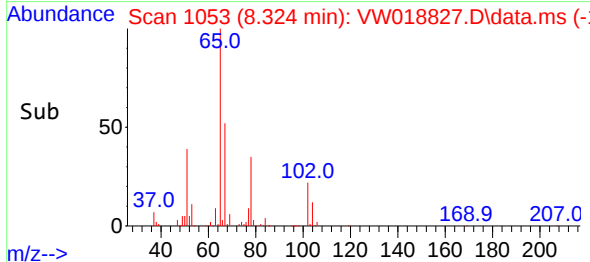
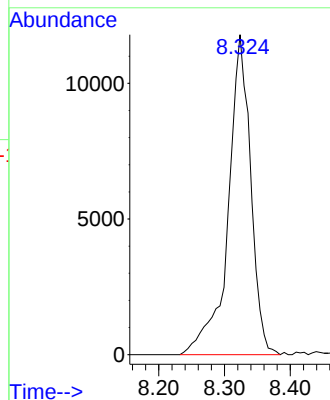
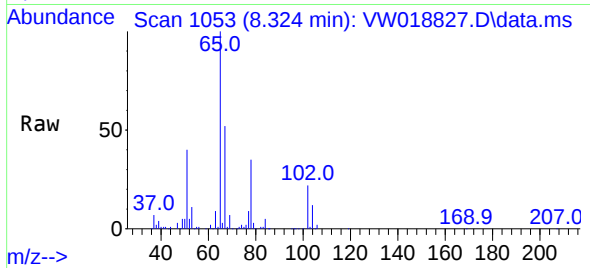
#33
Benzene
Concen: 1.95 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018827.D
Acq: 28 Apr 2021 17:55

Tgt Ion: 78 Resp: 28178

Instrument :
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ClientSampled :
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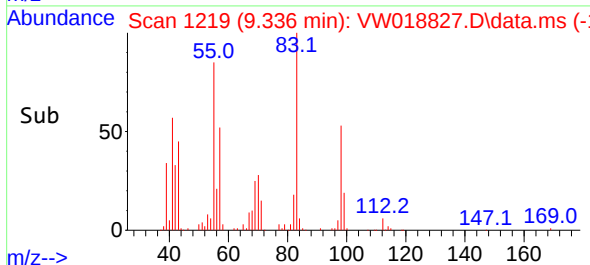
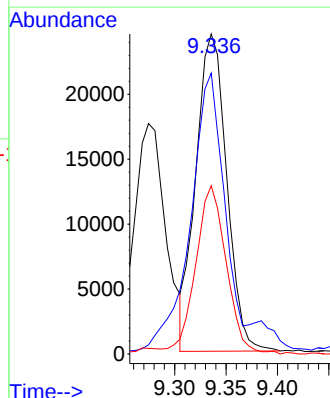
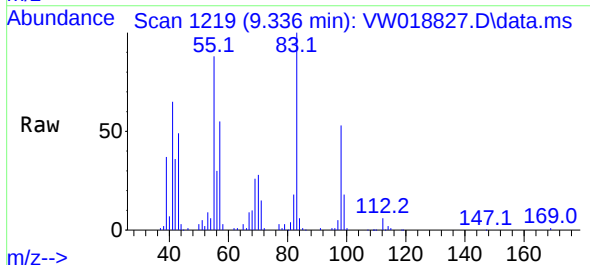
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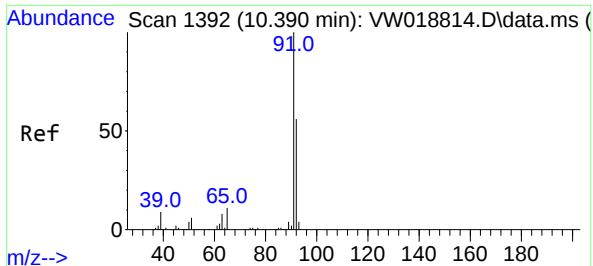
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#35
Methylcyclohexane
Concen: 7.90 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018827.D
Acq: 28 Apr 2021 17:55

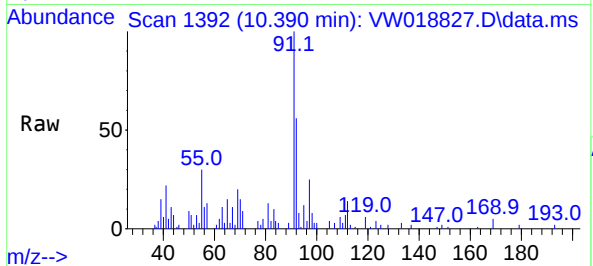
Tgt Ion: 83 Resp: 51054
Ion Ratio Lower Upper
83 100
55 95.8 58.9 88.3#
98 52.5 40.1 60.1





#42
Toluene
Concen: 0.51 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018827.D
Acq: 28 Apr 2021 17:55

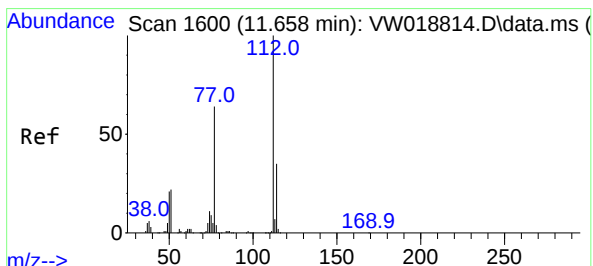
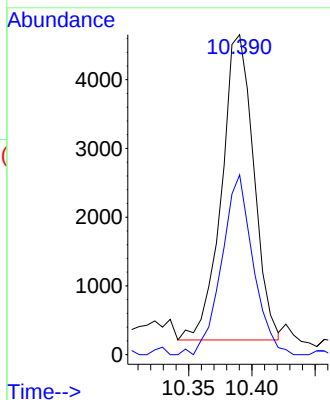
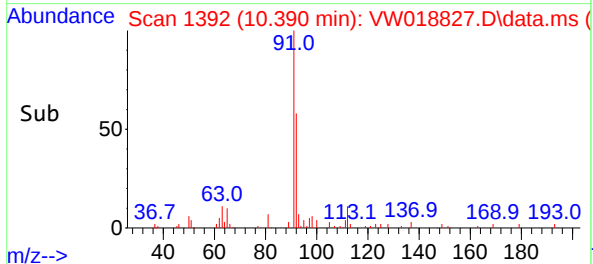
Instrument :
MSVOA_W
ClientSampled :
BG585



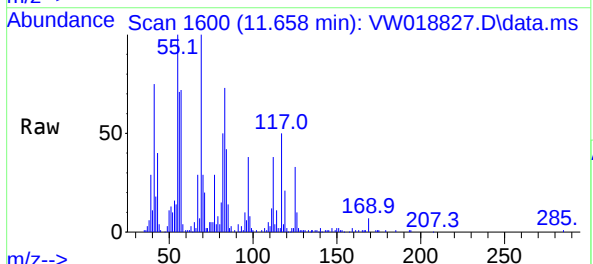
Tgt Ion: 91 Resp: 7841
Ion Ratio Lower Upper
91 100
92 56.2 39.5 73.3

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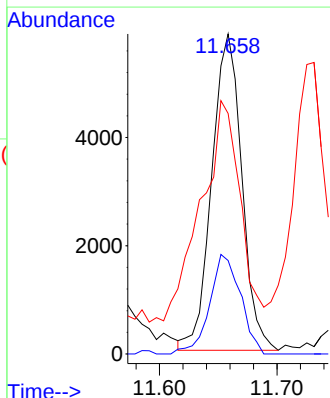
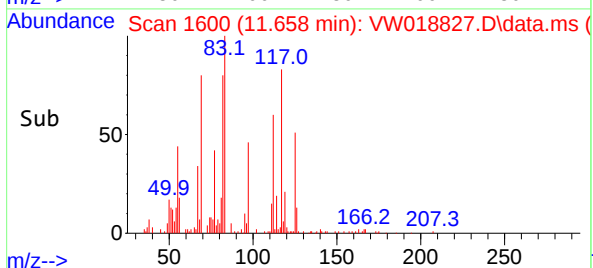
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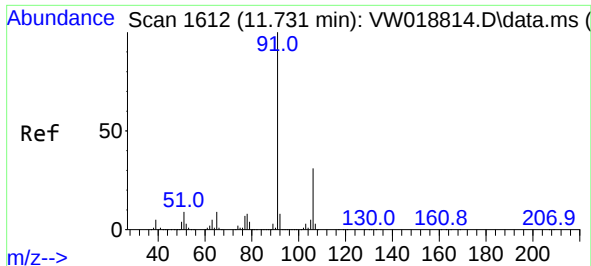


#51
Chlorobenzene
Concen: 1.09 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018827.D
Acq: 28 Apr 2021 17:55



Tgt Ion: 112 Resp: 10382
Ion Ratio Lower Upper
112 100
114 29.2 23.4 43.6
77 75.2 47.6 71.4#





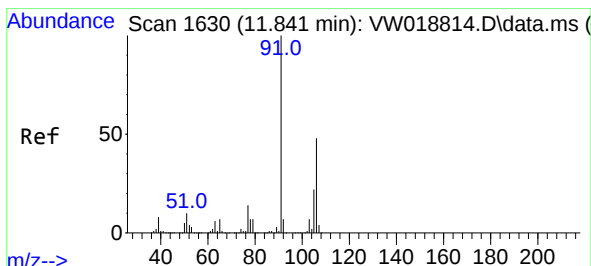
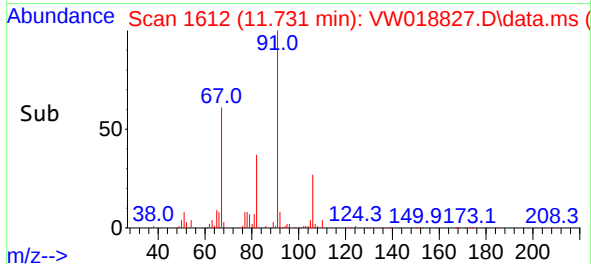
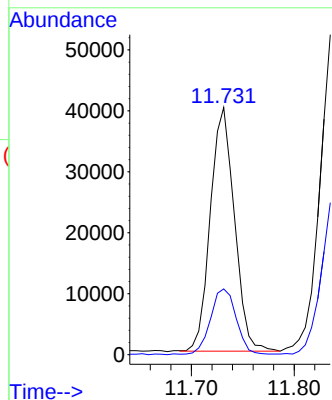
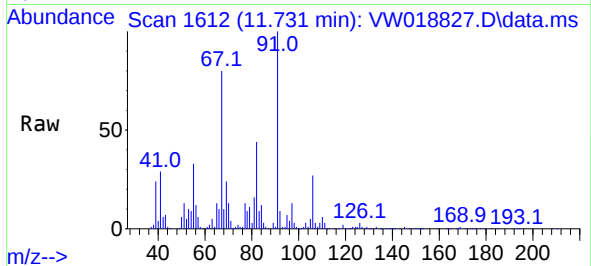
#52
Ethylbenzene
Concen: 3.80 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018827.D
Acq: 28 Apr 2021 17:55

Instrument :
MSVOA_W
ClientSampled :
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Tgt Ion: 91 Resp: 65070
Ion Ratio Lower Upper
91 100
106 26.6 22.5 41.7

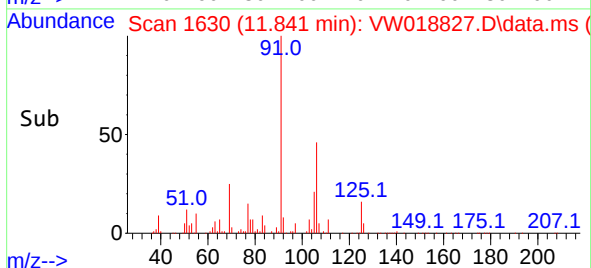
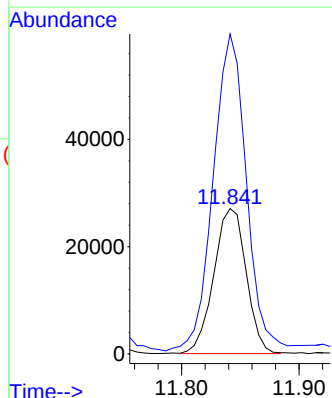
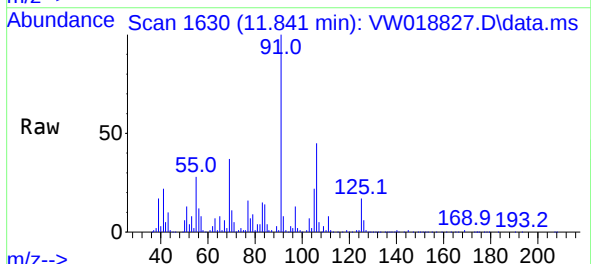
Manual Integrations
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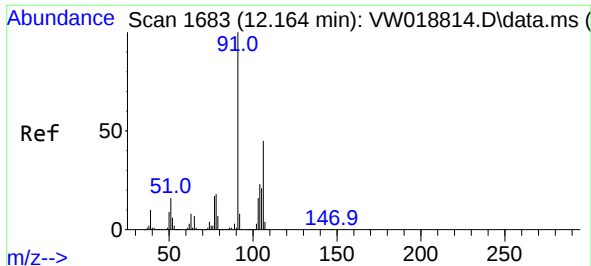
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4/30/2021 10:48:16 AM



#53
m,p-Xylene
Concen: 8.25 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW018827.D
Acq: 28 Apr 2021 17:55

Tgt Ion: 106 Resp: 51812
Ion Ratio Lower Upper
106 100
91 220.0 141.3 262.3





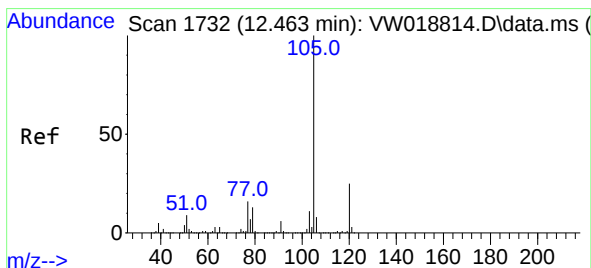
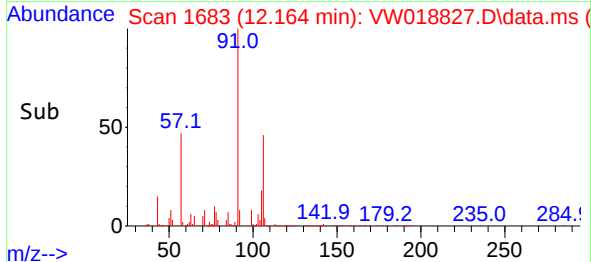
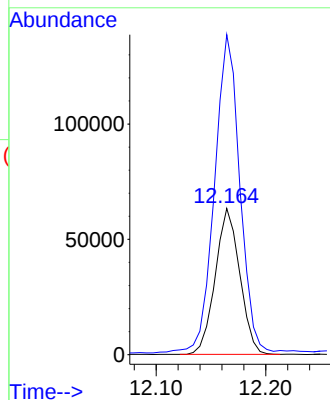
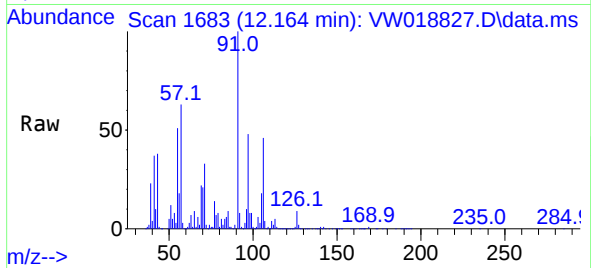
#54
o-Xylene
Concen: 16.28 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018827.D
Acq: 28 Apr 2021 17:55

Tgt Ion:106 Resp: 98175
Ion Ratio Lower Upper
106 100
91 218.8 150.0 278.6

Instrument :
MSVOA_W
ClientSampled :
BG585

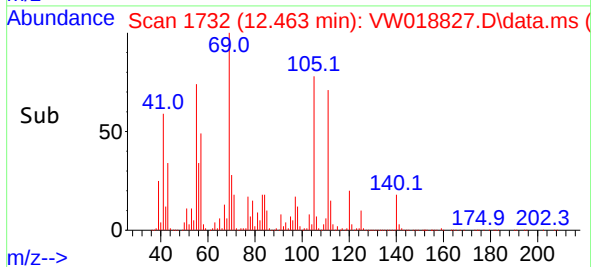
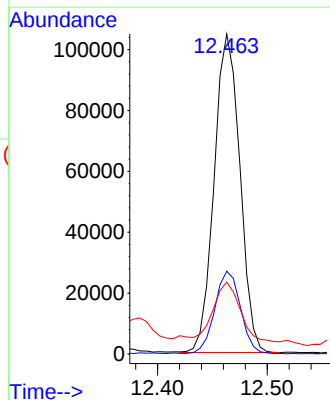
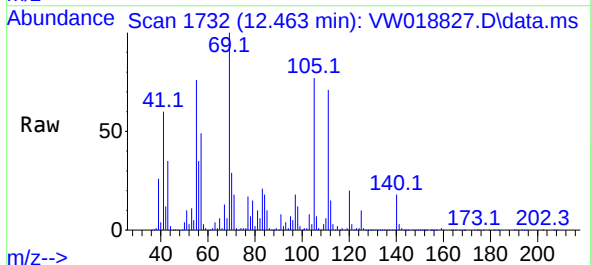
Manual Integrations
APPROVED

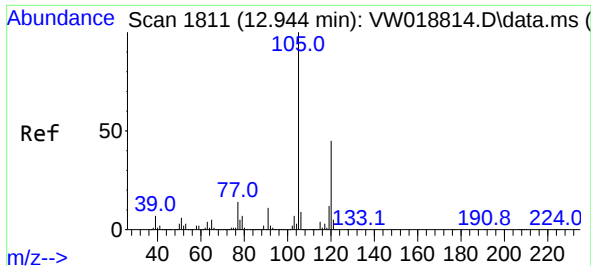
MMDadoda
4/30/2021 10:48:16 AM



#60
Isopropylbenzene
Concen: 14.30 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018827.D
Acq: 28 Apr 2021 17:55

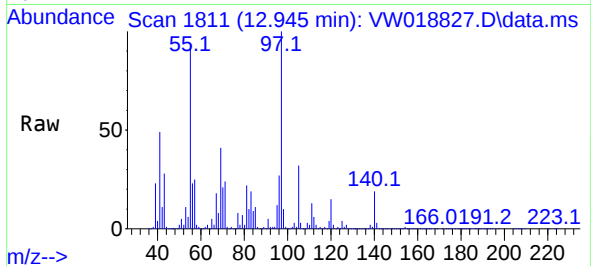
Tgt Ion:105 Resp: 170728
Ion Ratio Lower Upper
105 100
120 25.9 21.1 31.7
77 19.3 13.2 19.8





#62
1,3,5-Trimethylbenzene
Concen: 31.07 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW018827.D
Acq: 28 Apr 2021 17:55

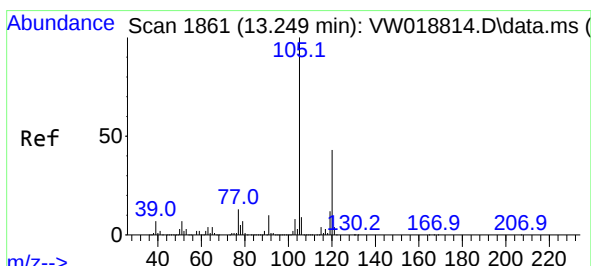
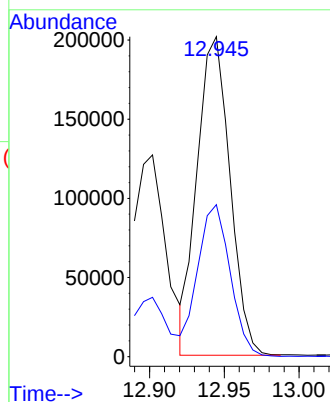
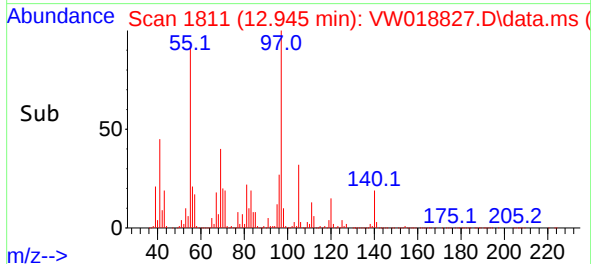
Instrument :
MSVOA_W
ClientSampled :
BG585



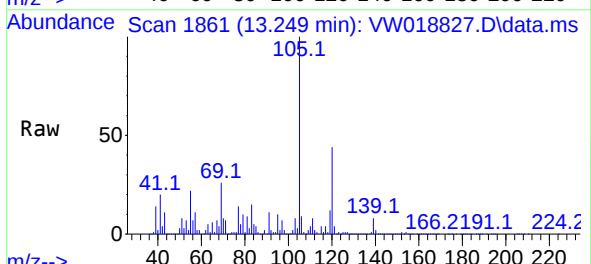
Tgt Ion:105 Resp: 307368
Ion Ratio Lower Upper
105 100
120 46.9 39.0 58.6

Manual Integrations
APPROVED

MMDadoda
4/30/2021 10:48:16 AM



#63
1,2,4-Trimethylbenzene
Concen: 81.51 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018827.D
Acq: 28 Apr 2021 17:55



Tgt Ion:105 Resp: 804558
Ion Ratio Lower Upper
105 100
120 44.9 35.6 53.4

