

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042721\
 Data File : VW018801.D
 Acq On : 27 Apr 2021 14:22
 Operator : SY/VA
 Sample : M2177-01RE
 Misc : 3.81G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG514RE

Manual Integrations
 APPROVED

MMDadoda
 4/29/2021 10:03:43 AM

Quant Time: Apr 28 00:42:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 28 00:41:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	398195	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	234078	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	70633	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	79184	13.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	52.36%		
7) Chloroethane-d5	2.891	69	85674	15.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	63.88%		
11) 1,1-Dichloroethene-d2	4.013	63	108109	10.29	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	41.16%#		
21) 2-Butanone-d5	7.074	46	79517	57.73	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	115.46%		
24) Chloroform-d	7.647	84	231757	21.21	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.84%		
26) 1,2-Dichloroethane-d4	8.305	65	131426	21.39	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.56%		
32) Benzene-d6	8.275	84	370059	26.95	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	107.80%		
36) 1,2-Dichloropropane-d6	9.274	67	131403	31.75	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	127.00%#		
41) Toluene-d8	10.323	98	244302	19.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	77.80%		
43) trans-1,3-Dichloroprop...	10.579	79	39891	22.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	90.56%		
47) 2-Hexanone-d5	10.921	63	62921	87.44	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	174.88%#		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	104049	30.11	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	120.44%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	53702	21.64	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	86.56%		
Target Compounds					Qvalue	
13) Acetone	4.123	43	25805	25.81	ug/L	91
14) Carbon disulfide	4.385	76	28230	1.81	ug/L	98
16) Methylene chloride	4.915	84	30246	4.63	ug/L	93
22) 2-Butanone	7.183	43	10756	7.08	ug/L	95
29) Cyclohexane	7.952	56	6888m	1.19	ug/L	
33) Benzene	8.323	78	30444	2.07	ug/L	100
35) Methylcyclohexane	9.335	83	21966	3.34	ug/L #	54
42) Toluene	10.384	91	7662	0.49	ug/L	98
51) Chlorobenzene	11.658	112	7506	0.77	ug/L	91
52) Ethylbenzene	11.731	91	81964	4.70	ug/L	95
53) m,p-Xylene	11.835	106	34295	5.36	ug/L	80
54) o-Xylene	12.164	106	30829	5.02	ug/L	90
60) Isopropylbenzene	12.463	105	33196m	3.20	ug/L	
62) 1,3,5-Trimethylbenzene	12.945	105	85169	9.90	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	170508	19.86	ug/L	98

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

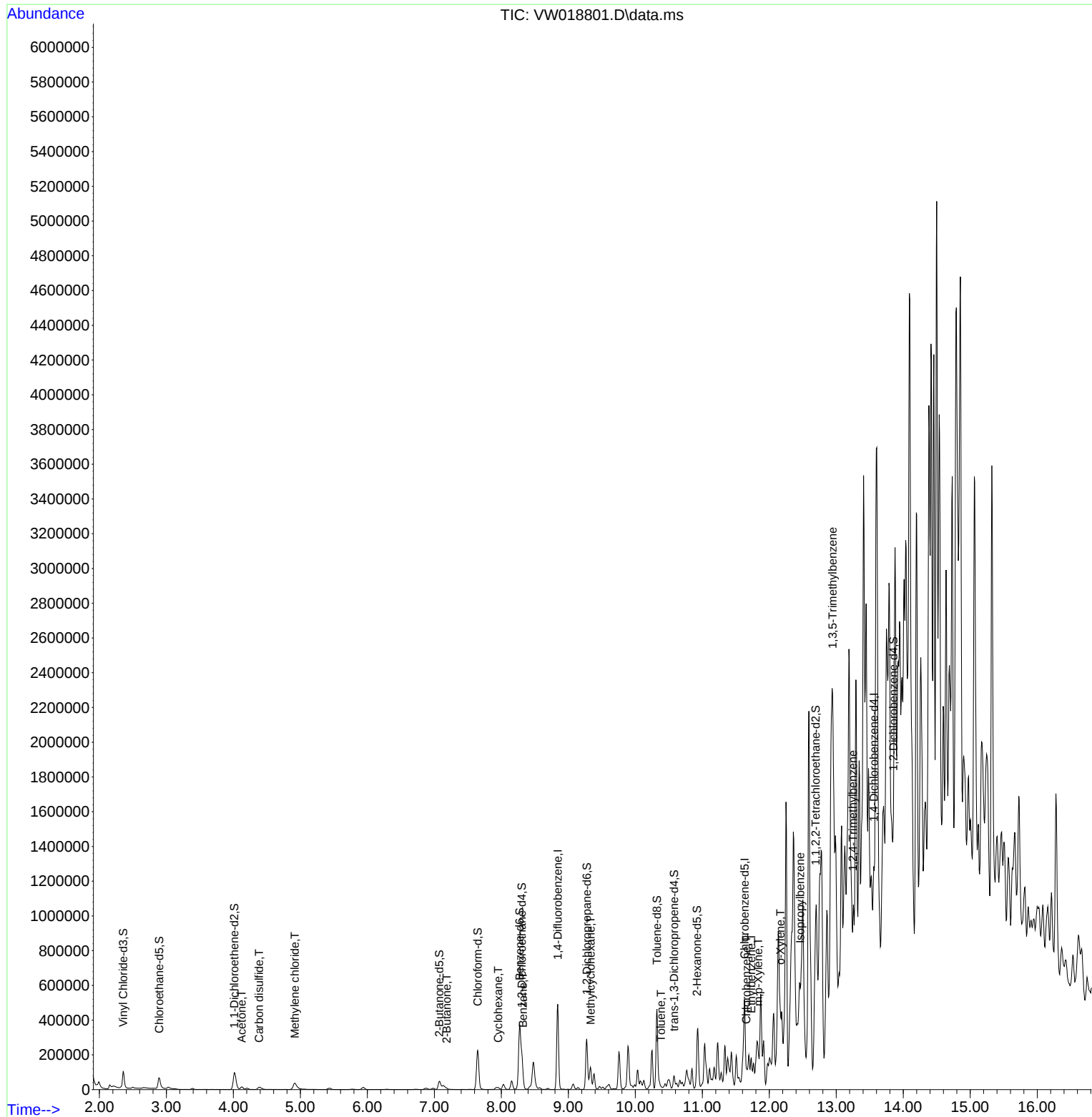
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Data File : VW018801.D
Acq On : 27 Apr 2021 14:22
Operator : SY/VA
Sample : M2177-01RE
Misc : 3.81G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

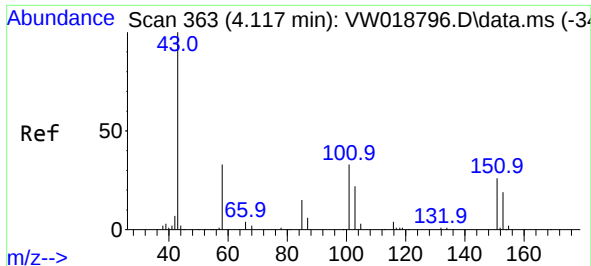
Instrument :
MSVOA_W
ClientSampleId :
BG514RE

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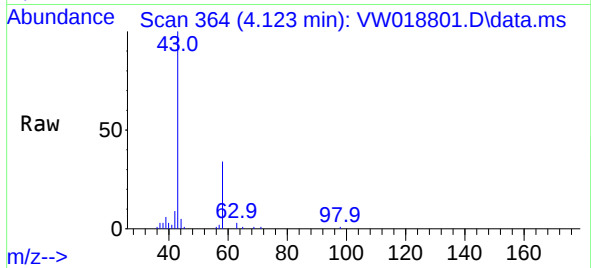
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4/29/2021 10:03:43 AM

Quant Time: Apr 28 00:42:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Apr 28 00:41:12 2021
Response via : Initial Calibration

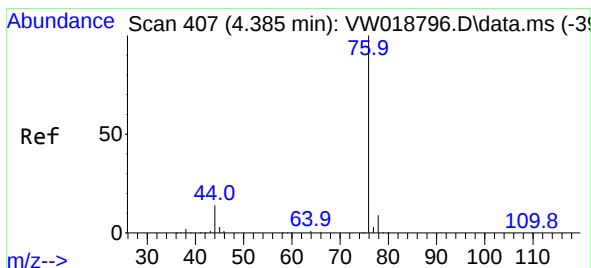
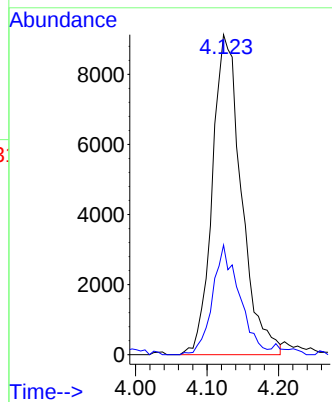
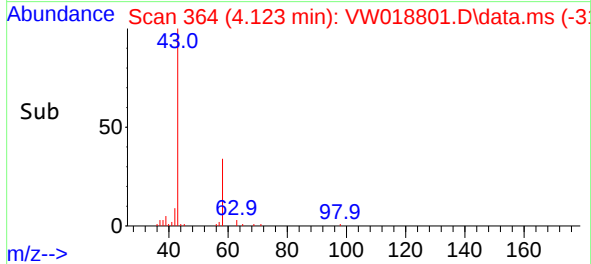




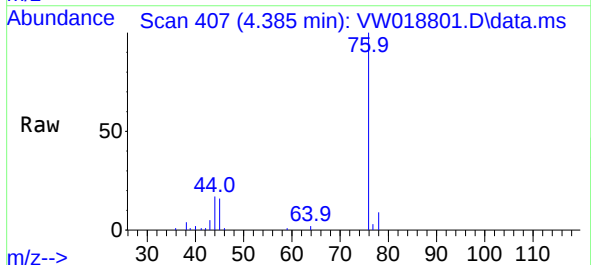
#13
Acetone
Concen: 25.81 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018801.D
Acq: 27 Apr 2021 14:22



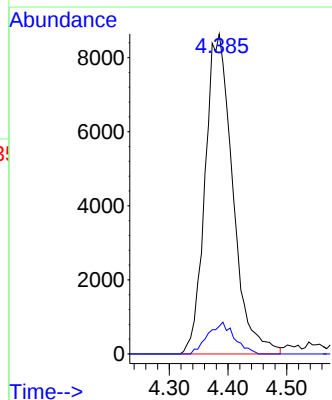
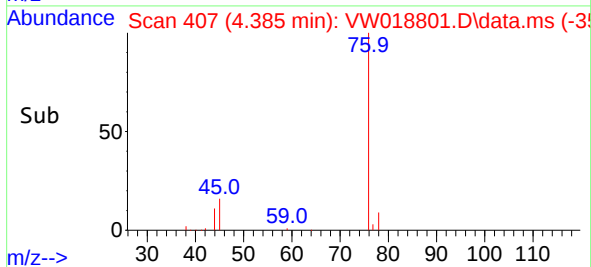
Tgt Ion: 43 Resp: 25805
Ion Ratio Lower Upper
43 100
58 31.6 0.0 53.8



#14
Carbon disulfide
Concen: 1.81 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW018801.D
Acq: 27 Apr 2021 14:22



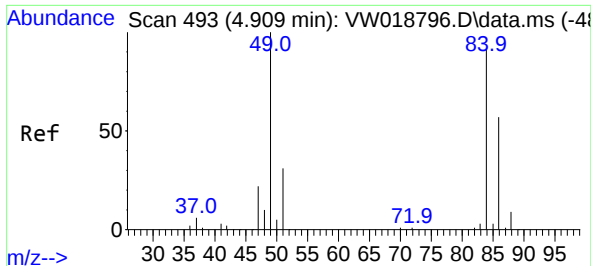
Tgt Ion: 76 Resp: 28230
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



Instrument :
MSVOA_W
ClientSampled :
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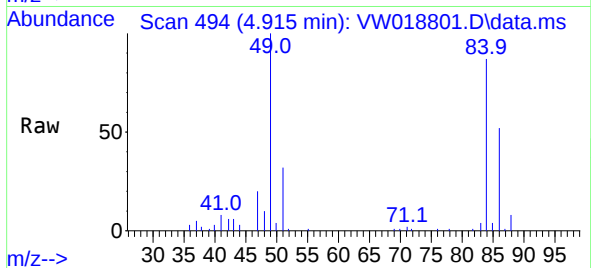
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#16
Methylene chloride
Concen: 4.63 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW018801.D
Acq: 27 Apr 2021 14:22

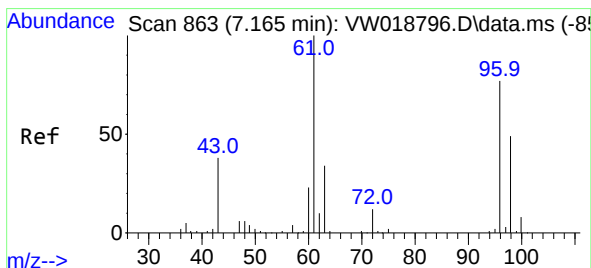
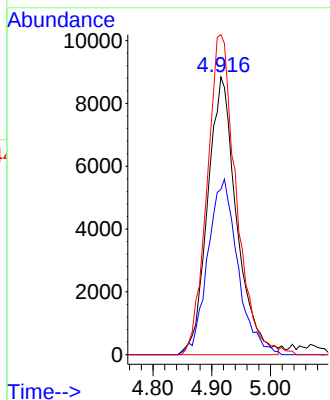
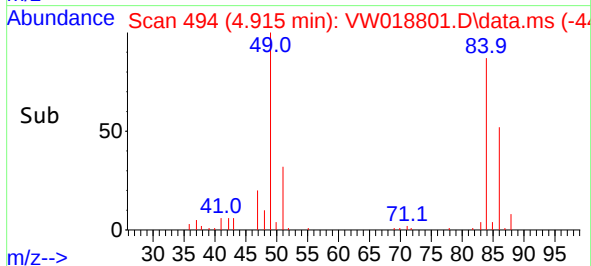
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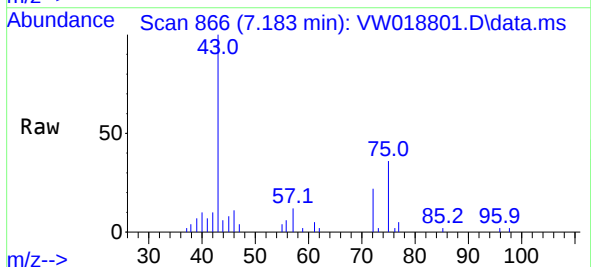
Tgt Ion: 84 Resp: 30246
Ion Ratio Lower Upper
84 100
86 59.6 45.3 84.1
49 115.3 86.6 160.8

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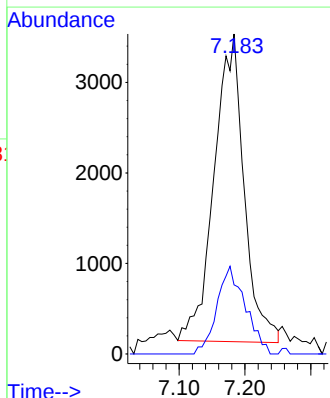
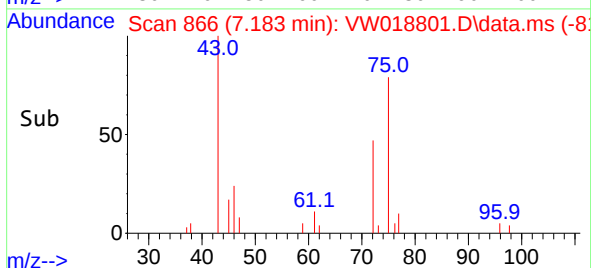
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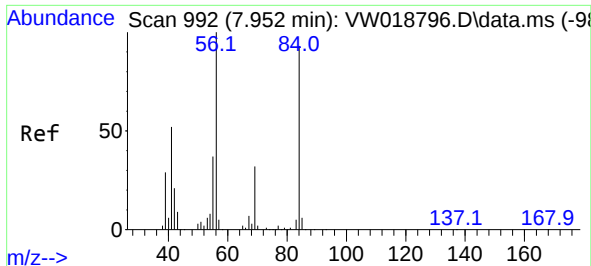


#22
2-Butanone
Concen: 7.08 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.018 min
Lab File: VW018801.D
Acq: 27 Apr 2021 14:22



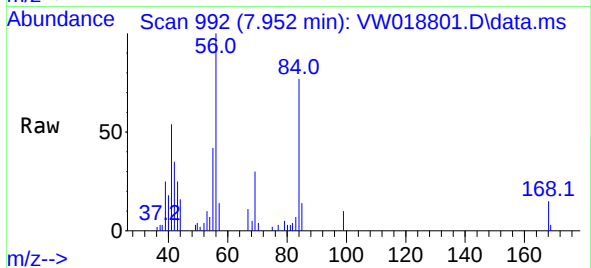
Tgt Ion: 43 Resp: 10756
Ion Ratio Lower Upper
43 100
72 27.0 14.9 44.7





#29
Cyclohexane
Concen: 1.19 ug/L m
RT: 7.952 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW018801.D
Acq: 27 Apr 2021 14:22

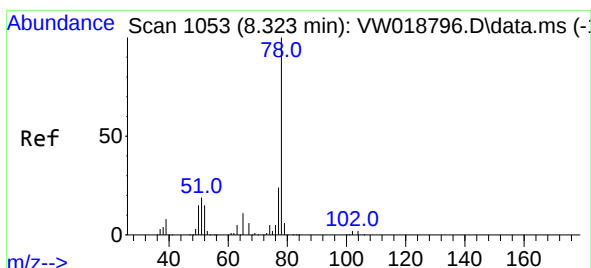
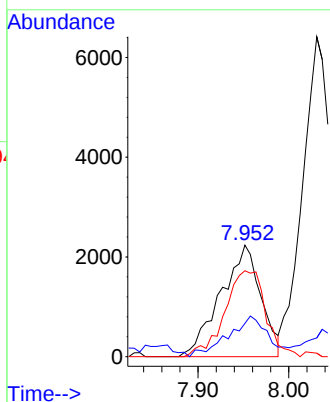
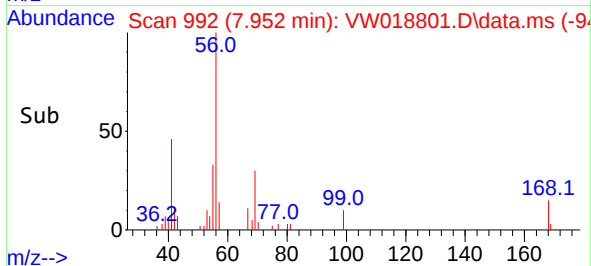
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Tgt Ion: 56 Resp: 6888
Ion Ratio Lower Upper
56 100
69 31.9 24.5 36.7
84 74.6 75.0 112.4#

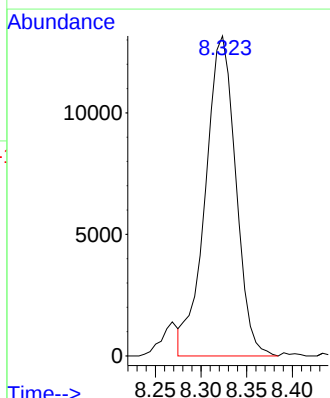
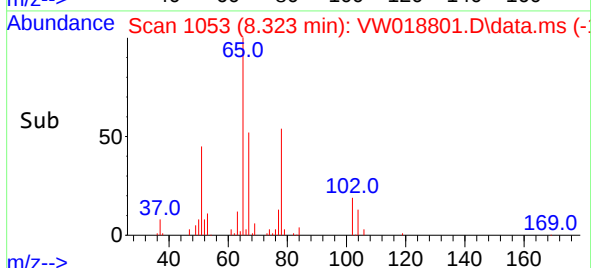
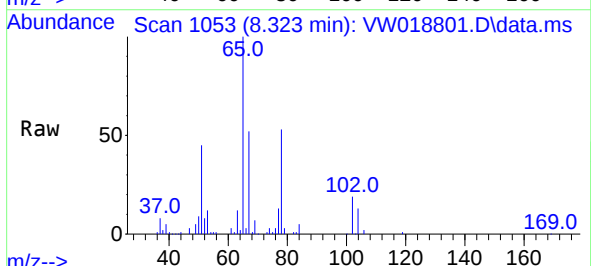
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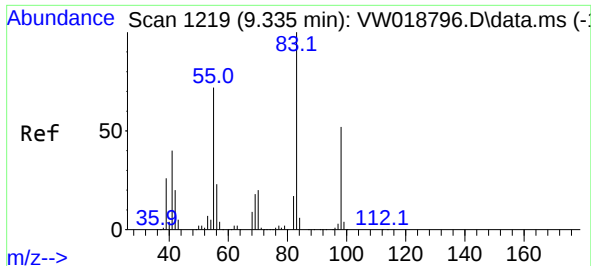
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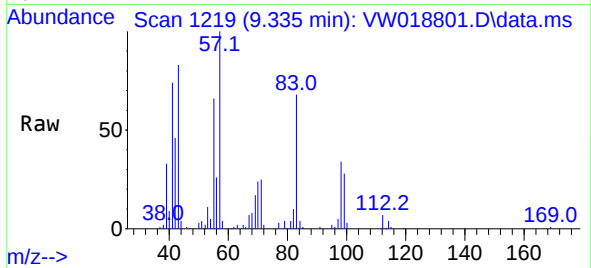
#33
Benzene
Concen: 2.07 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018801.D
Acq: 27 Apr 2021 14:22

Tgt Ion: 78 Resp: 30444

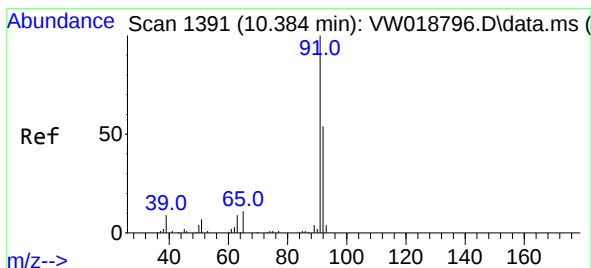
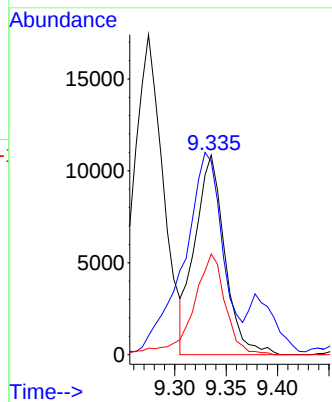
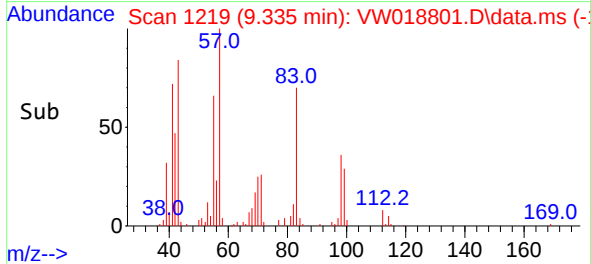




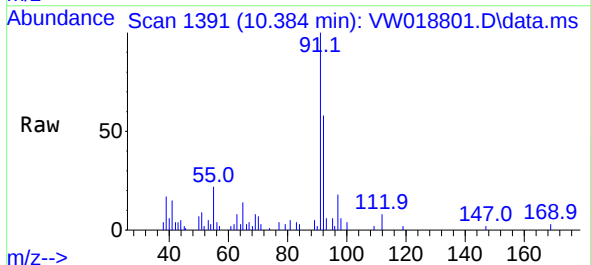
#35
Methylcyclohexane
Concen: 3.34 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018801.D
Acq: 27 Apr 2021 14:22



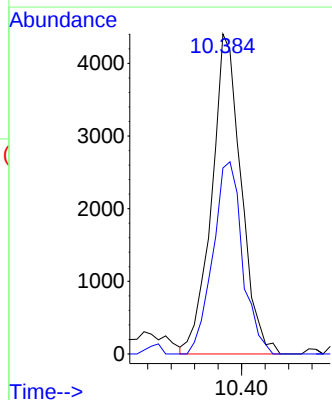
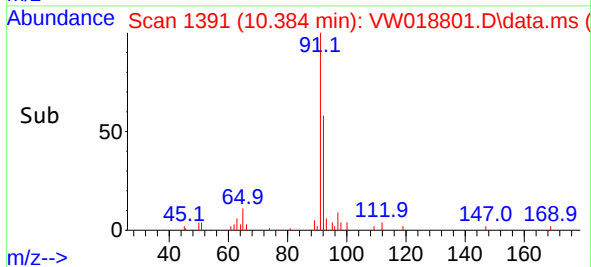
Tgt Ion: 83 Resp: 21966
Ion Ratio Lower Upper
83 100
55 134.4 58.9 88.3#
98 54.6 40.1 60.1



#42
Toluene
Concen: 0.49 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW018801.D
Acq: 27 Apr 2021 14:22



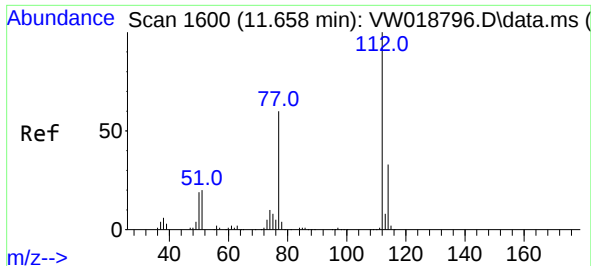
Tgt Ion: 91 Resp: 7662
Ion Ratio Lower Upper
91 100
92 58.1 39.5 73.3



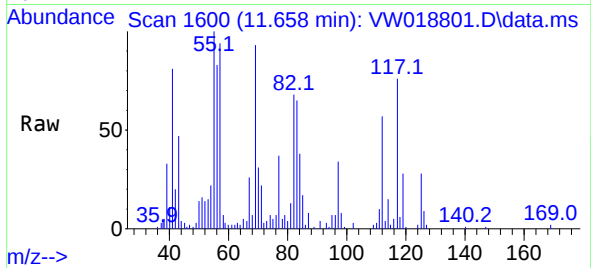
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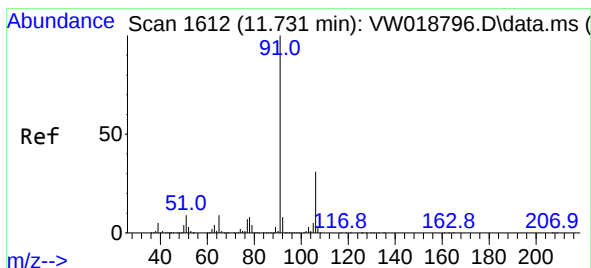
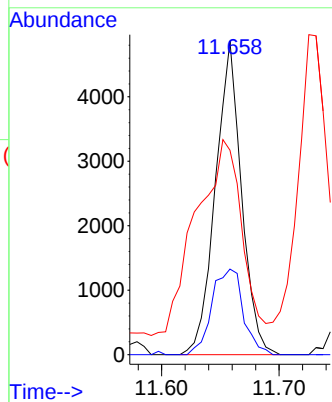
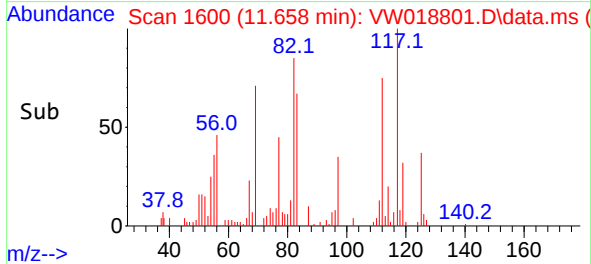
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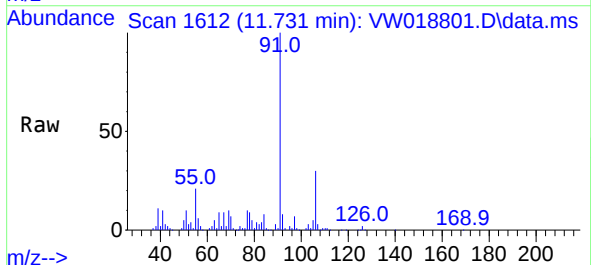
#51
Chlorobenzene
Concen: 0.77 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018801.D
Acq: 27 Apr 2021 14:22



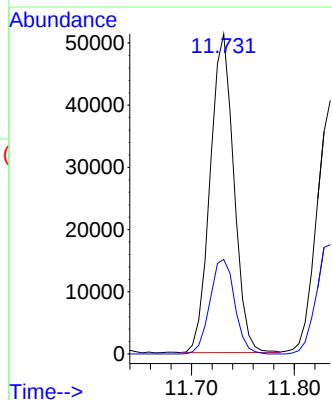
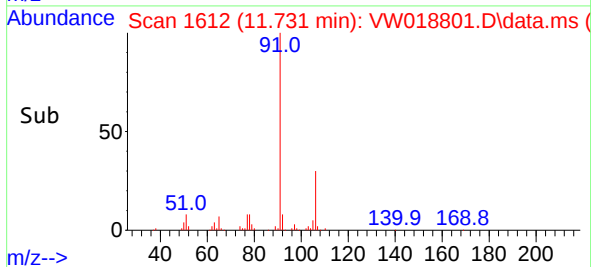
Tgt Ion: 112 Resp: 7506
Ion Ratio Lower Upper
112 100
114 27.3 23.4 43.6
77 65.2 47.6 71.4



#52
Ethylbenzene
Concen: 4.70 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018801.D
Acq: 27 Apr 2021 14:22



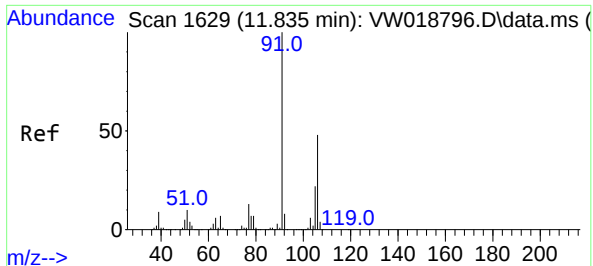
Tgt Ion: 91 Resp: 81964
Ion Ratio Lower Upper
91 100
106 29.5 22.5 41.7



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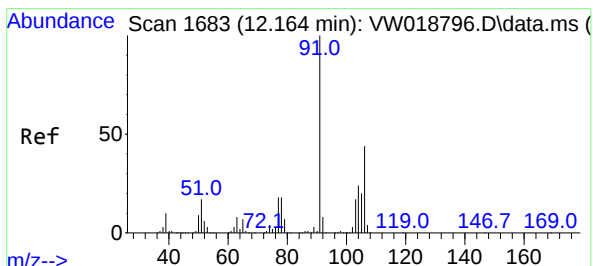
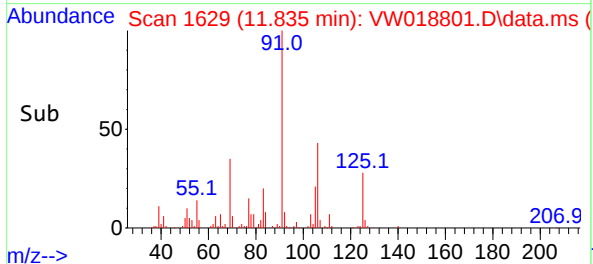
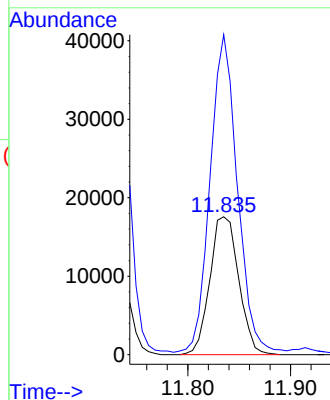
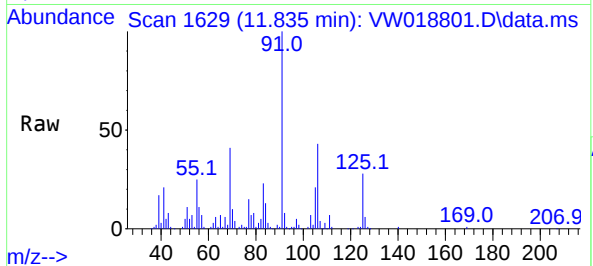
#53
m,p-Xylene
Concen: 5.36 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW018801.D
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Tgt Ion:106 Resp: 34295
Ion Ratio Lower Upper
106 100
91 232.0 141.3 262.3

Instrument :
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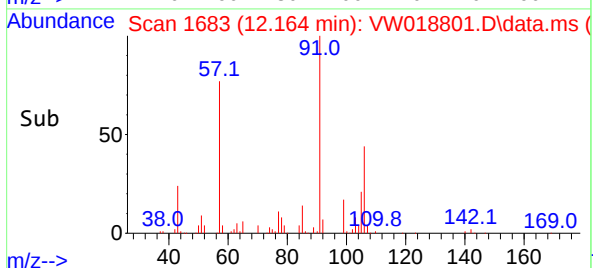
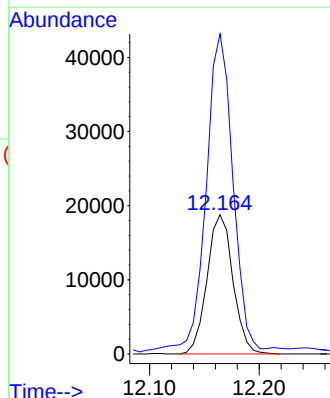
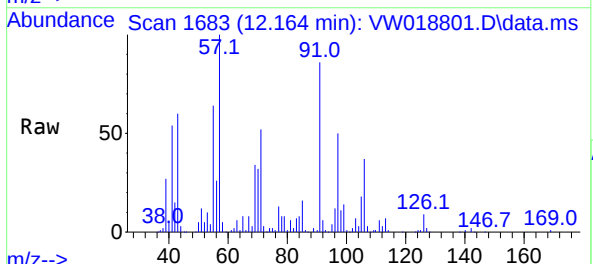
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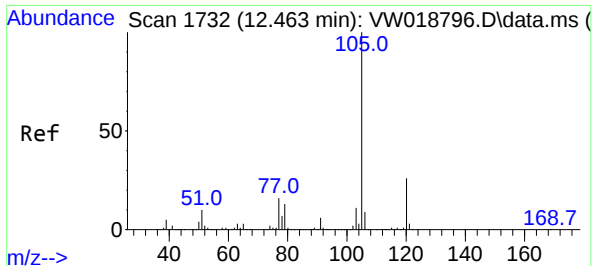
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#54
o-Xylene
Concen: 5.02 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018801.D
Acq: 27 Apr 2021 14:22

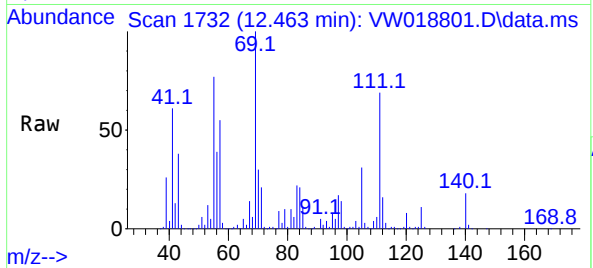
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Ion Ratio Lower Upper
106 100
91 229.8 150.0 278.6





#60
Isopropylbenzene
Concen: 3.20 ug/L m
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018801.D
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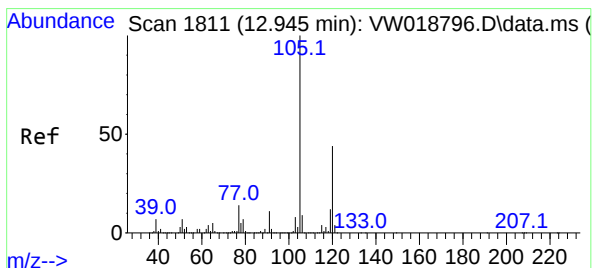
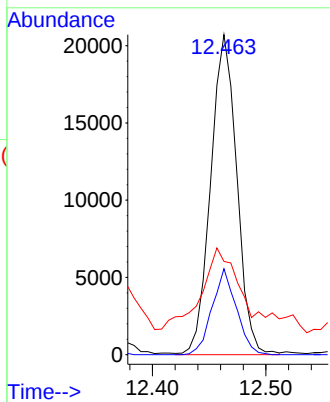
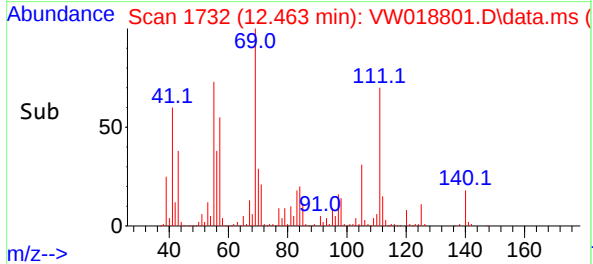
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ClientSampleId :
BG514RE



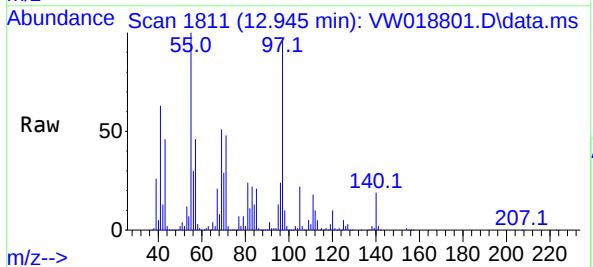
Tgt Ion:105 Resp: 33196
Ion Ratio Lower Upper
105 100
120 89.9 21.1 31.7#
77 43.2 13.2 19.8#

Manual Integrations
APPROVED

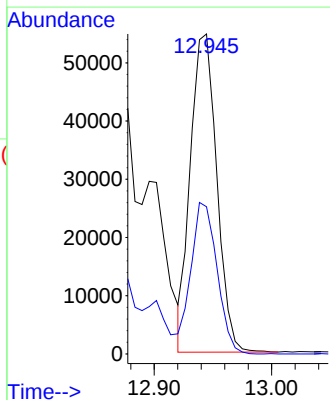
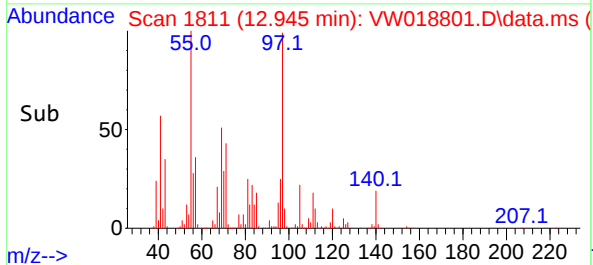
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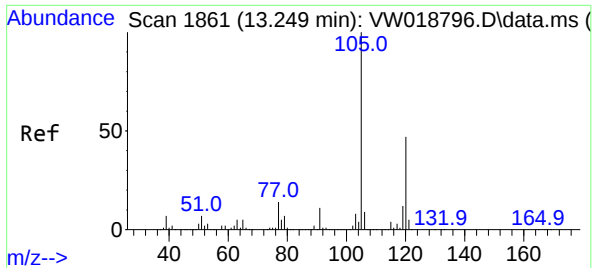


#62
1,3,5-Trimethylbenzene
Concen: 9.90 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW018801.D
Acq: 27 Apr 2021 14:22

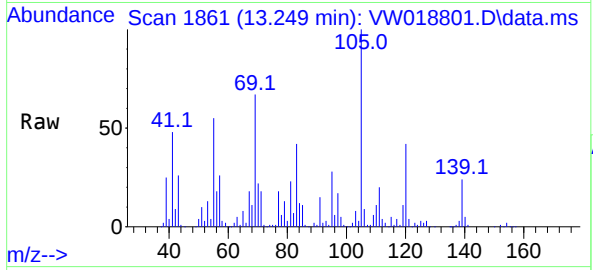


Tgt Ion:105 Resp: 85169
Ion Ratio Lower Upper
105 100
120 48.4 39.0 58.6

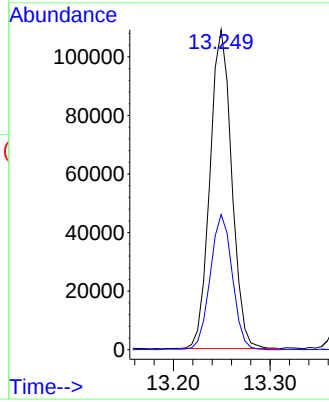
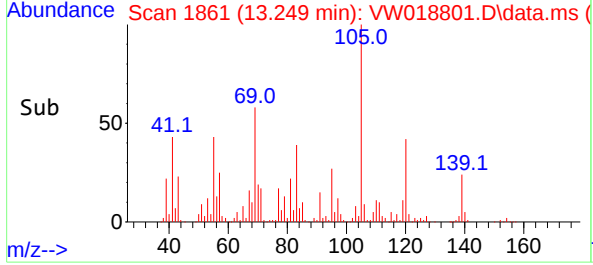




#63
 1,2,4-Trimethylbenzene
 Concen: 19.86 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW018801.D
 Acq: 27 Apr 2021 14:22



Tgt Ion:105 Resp: 170508
 Ion Ratio Lower Upper
 105 100
 120 42.9 35.6 53.4



Instrument :
 MSVOA_W
 ClientSampleId :
 BG514RE

Manual Integrations
 APPROVED

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 4/29/2021 10:03:43 AM