

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042621\
 Data File : VW018790.D
 Acq On : 26 Apr 2021 18:46
 Operator : SY/VA
 Sample : M2177-01
 Misc : 3.50G/10ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG514

Manual Integrations
 APPROVED

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 4/28/2021 2:37:47 PM

Quant Time: Apr 27 01:25:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 27 01:21:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	381007	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	250336	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	69512	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	70340	12.15	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	48.60%		
7) Chloroethane-d5	2.898	69	81823	15.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	63.76%		
11) 1,1-Dichloroethene-d2	4.019	63	98239	9.77	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	39.08%#		
21) 2-Butanone-d5	7.080	46	80740	61.26	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	122.52%		
24) Chloroform-d	7.653	84	227412	21.75	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.00%		
26) 1,2-Dichloroethane-d4	8.305	65	137181	23.34	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	93.36%		
32) Benzene-d6	8.275	84	354329	24.13	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.52%		
36) 1,2-Dichloropropane-d6	9.274	67	132820	30.01	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	120.04%#		
41) Toluene-d8	10.323	98	239826	17.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	71.44%		
43) trans-1,3-Dichloroprop...	10.579	79	41973	22.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	89.12%		
47) 2-Hexanone-d5	10.927	63	66331	86.19	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	172.38%#		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	111408	30.14	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	120.56%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	51419	21.06	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	84.24%		
Target Compounds						Qvalue
13) Acetone	4.129	43	11667	12.20	ug/L	92
14) Carbon disulfide	4.385	76	15817	1.06	ug/L	97
16) Methylene chloride	4.915	84	50072	8.02	ug/L	89
29) Cyclohexane	7.958	56	2623	0.43	ug/L #	54
33) Benzene	8.323	78	15986	1.02	ug/L	100
35) Methylcyclohexane	9.341	83	5759	0.82	ug/L #	59
42) Toluene	10.390	91	5586	0.33	ug/L	95
46) Tetrachloroethene	10.866	164	1023	0.36	ug/L #	82
51) Chlorobenzene	11.658	112	3642	0.35	ug/L	100
52) Ethylbenzene	11.731	91	28568	1.53	ug/L	98
53) m,p-Xylene	11.835	106	12029	1.76	ug/L	92
54) o-Xylene	12.164	106	13309	2.03	ug/L	95
60) Isopropylbenzene	12.463	105	13319m	1.30	ug/L	
62) 1,3,5-Trimethylbenzene	12.945	105	33126	3.91	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	64810	7.67	ug/L	100

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

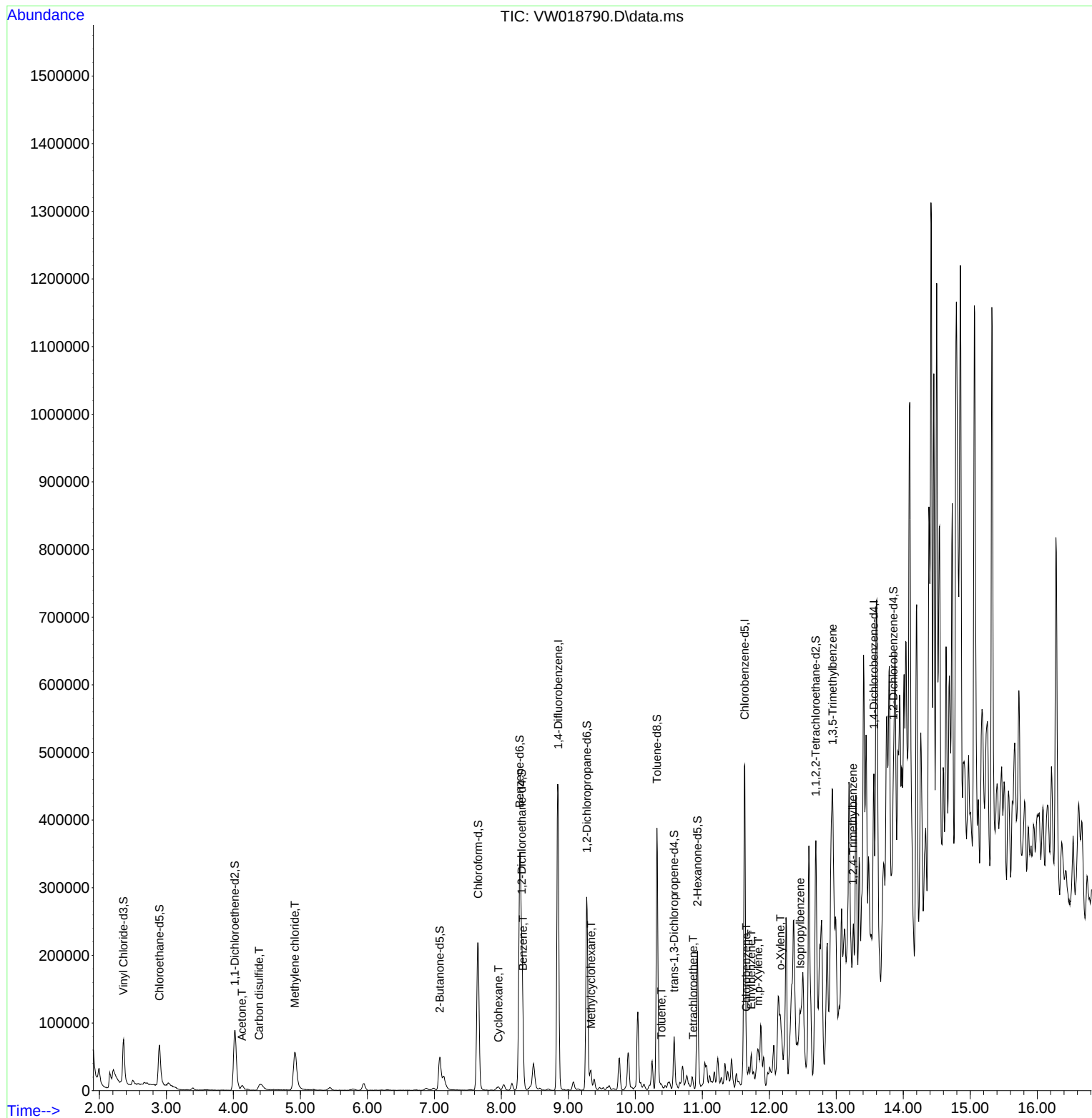
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042621\
Data File : VW018790.D
Acq On : 26 Apr 2021 18:46
Operator : SY/VA
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Misc : 3.50G/10ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

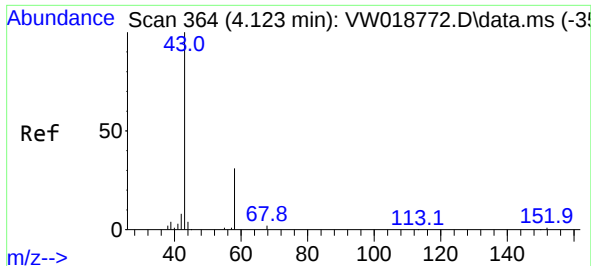
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Apr 27 01:21:12 2021
Response via : Initial Calibration





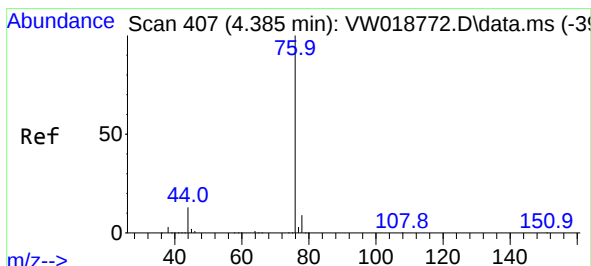
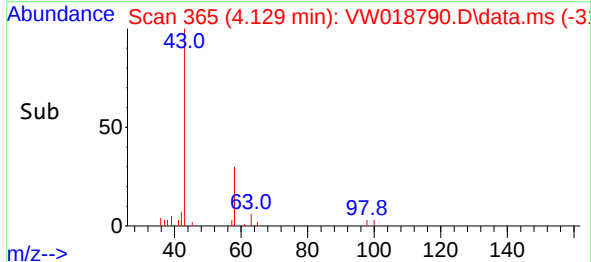
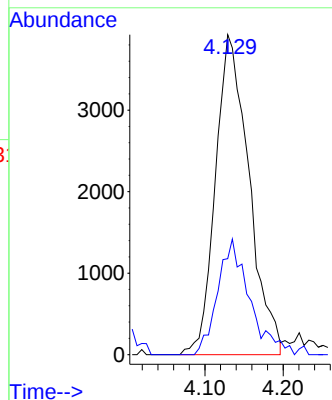
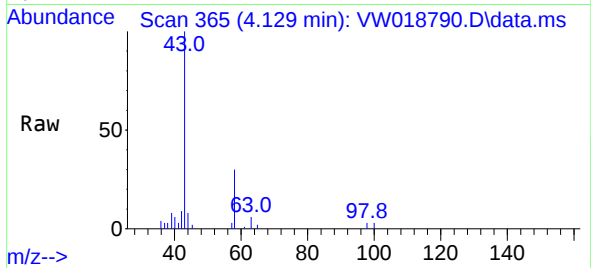
#13
Acetone
Concen: 12.20 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW018790.D
Acq: 26 Apr 2021 18:46

Tgt Ion: 43 Resp: 11667
Ion Ratio Lower Upper
43 100
58 30.9 0.0 53.8

Instrument :
MSVOA_W
ClientSampled :
BG514

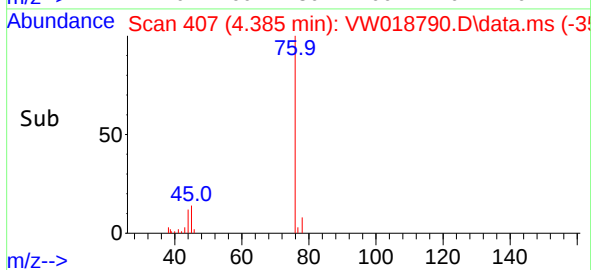
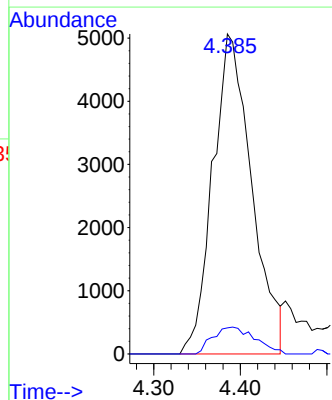
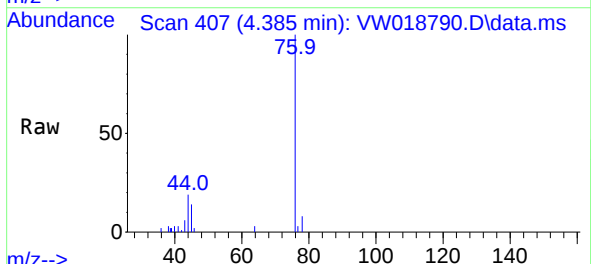
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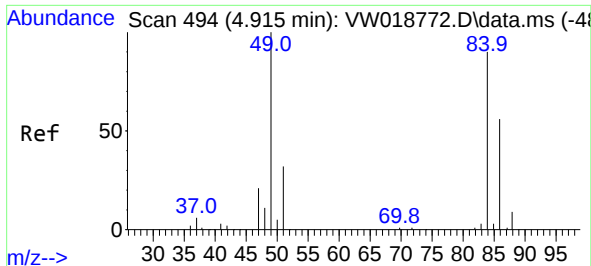
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#14
Carbon disulfide
Concen: 1.06 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018790.D
Acq: 26 Apr 2021 18:46

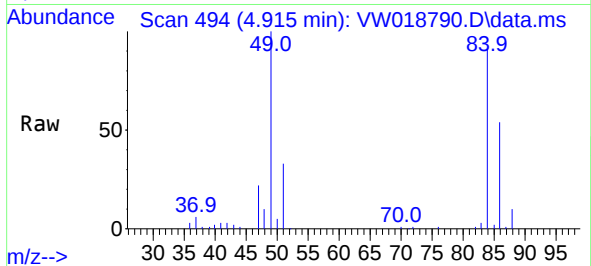
Tgt Ion: 76 Resp: 15817
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.0





#16
Methylene chloride
Concen: 8.02 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018790.D
Acq: 26 Apr 2021 18:46

Instrument :
MSVOA_W
ClientSampled :
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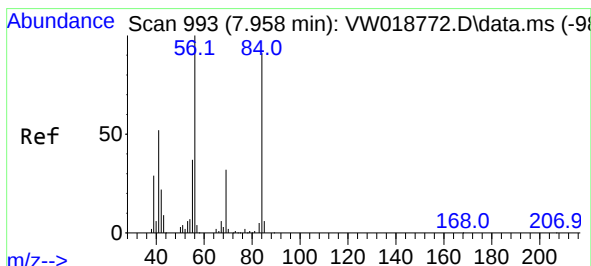
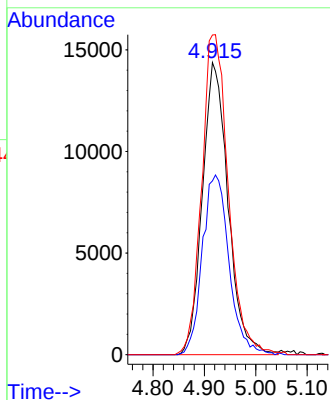
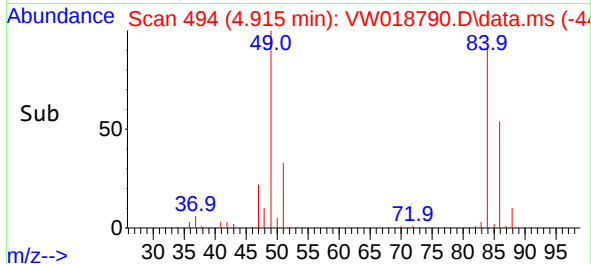


Tgt Ion: 84 Resp: 50072

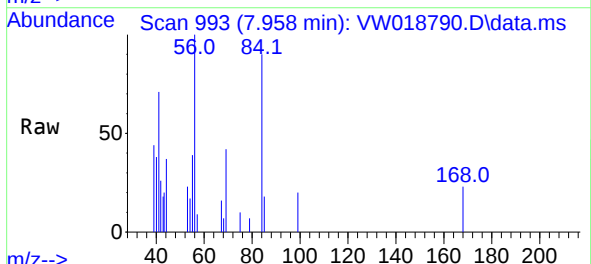
Ion	Ratio	Lower	Upper
84	100		
86	59.4	45.3	84.1
49	109.4	86.6	160.8

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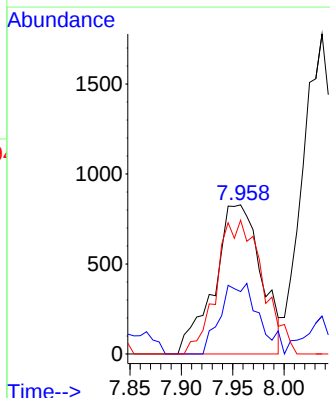
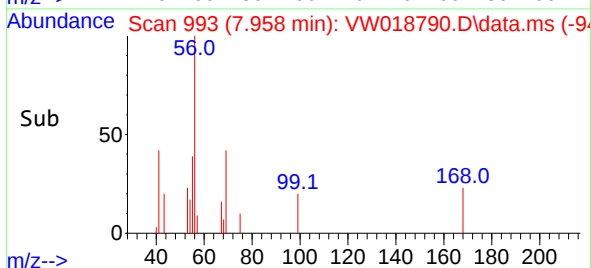


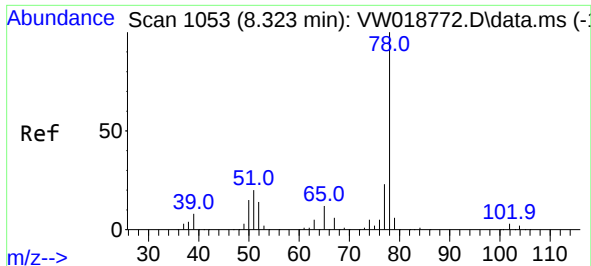
#29
Cyclohexane
Concen: 0.43 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW018790.D
Acq: 26 Apr 2021 18:46



Tgt Ion: 56 Resp: 2623

Ion	Ratio	Lower	Upper
56	100		
69	22.1	24.5	36.7#
84	39.2	75.0	112.4#





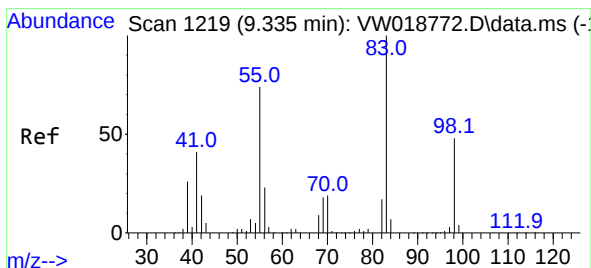
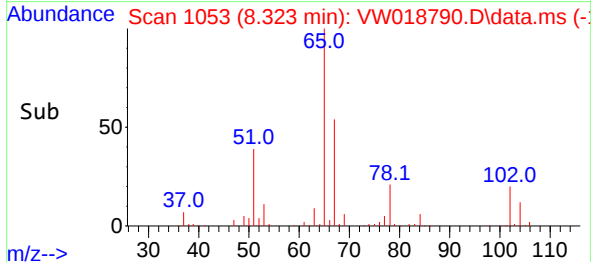
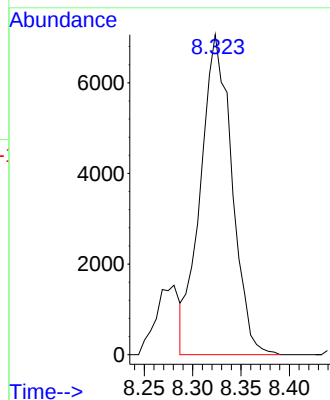
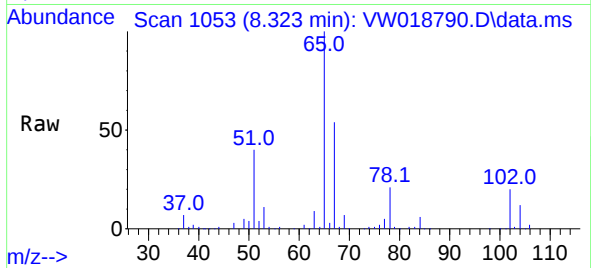
#33
Benzene
Concen: 1.02 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018790.D
Acq: 26 Apr 2021 18:46

Tgt Ion: 78 Resp: 15986

Instrument :
MSVOA_W
ClientSampled :
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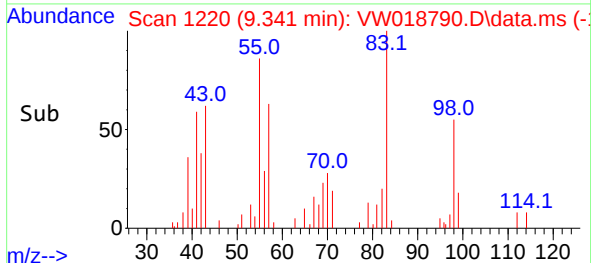
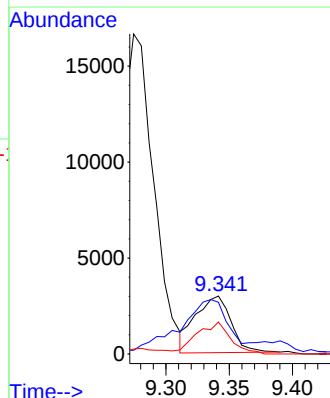
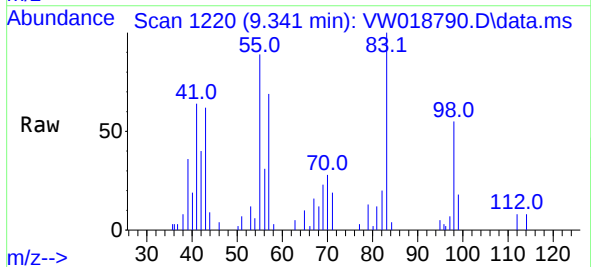
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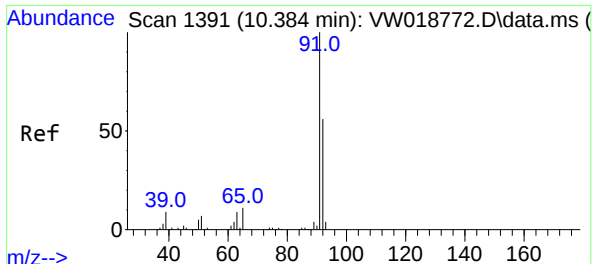
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#35
Methylcyclohexane
Concen: 0.82 ug/L
RT: 9.341 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW018790.D
Acq: 26 Apr 2021 18:46

Tgt Ion: 83 Resp: 5759
Ion Ratio Lower Upper
83 100
55 129.4 58.9 88.3#
98 53.5 40.1 60.1





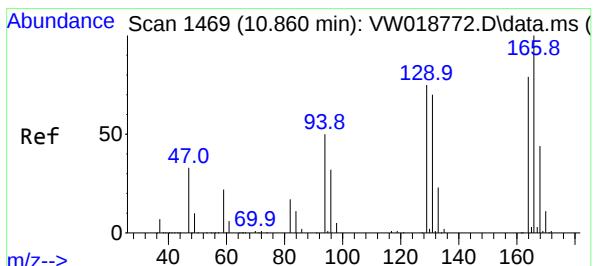
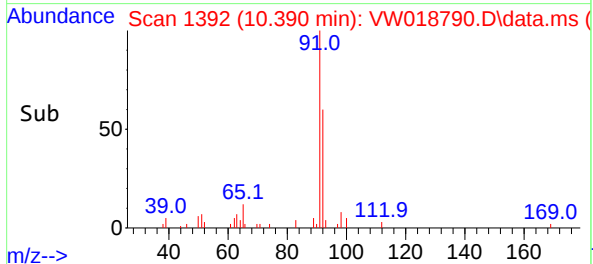
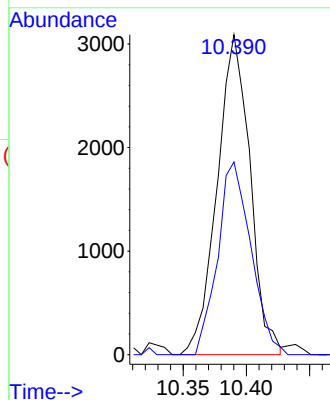
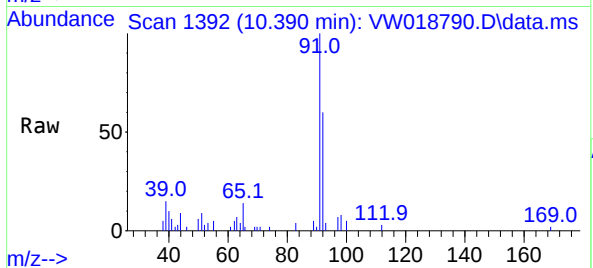
#42
Toluene
Concen: 0.33 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018790.D
Acq: 26 Apr 2021 18:46

Tgt Ion: 91 Resp: 5586
Ion Ratio Lower Upper
91 100
92 60.3 39.5 73.3

Instrument :
MSVOA_W
ClientSampled :
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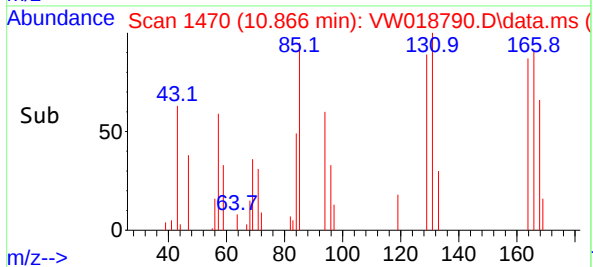
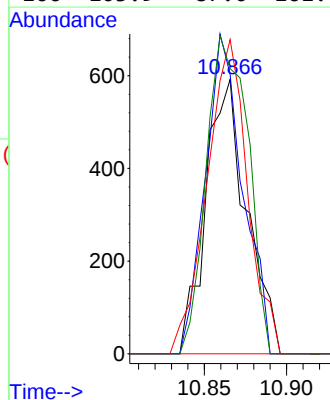
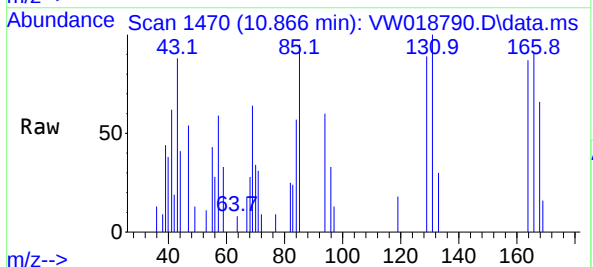
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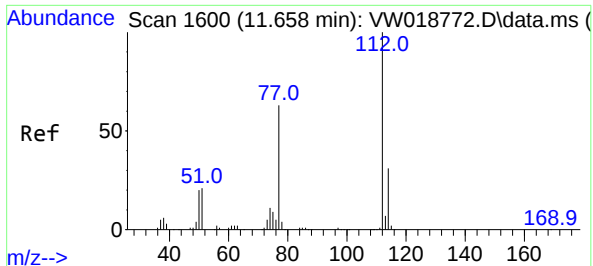
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#46
Tetrachloroethene
Concen: 0.36 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018790.D
Acq: 26 Apr 2021 18:46

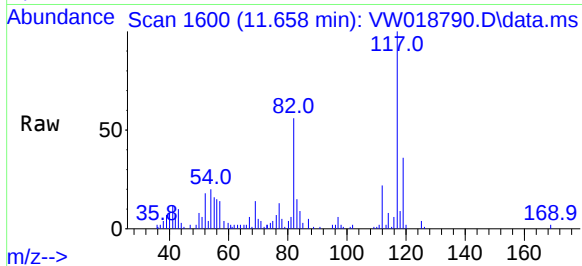
Tgt Ion: 164 Resp: 1023
Ion Ratio Lower Upper
164 100
129 101.9 66.7 123.9
131 114.5 61.1 113.5#
166 103.9 87.0 161.6





#51
Chlorobenzene
Concen: 0.35 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018790.D
Acq: 26 Apr 2021 18:46

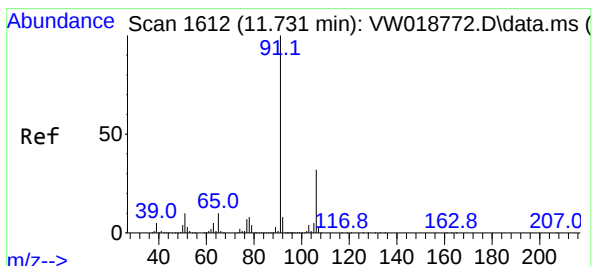
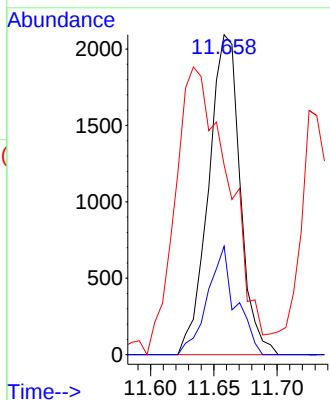
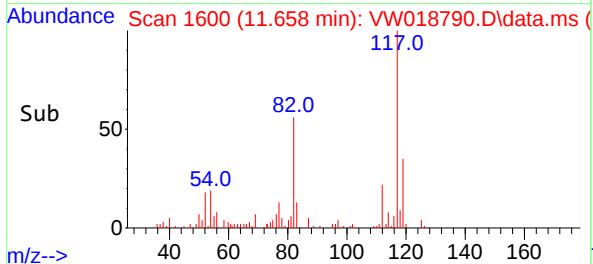
Instrument :
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ClientSampled :
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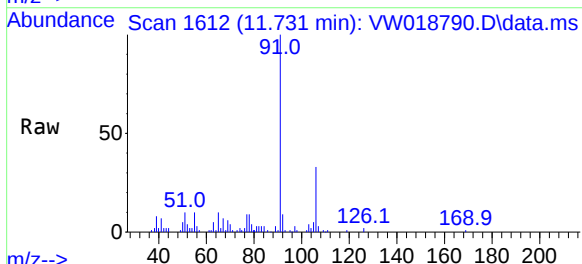
Tgt Ion:112 Resp: 3642
Ion Ratio Lower Upper
112 100
114 33.9 23.4 43.6
77 59.3 47.6 71.4

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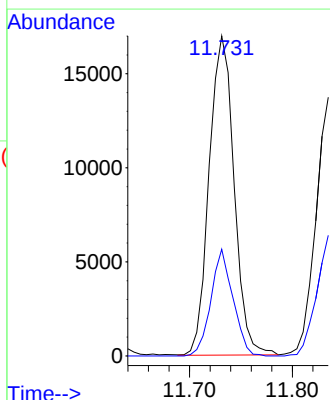
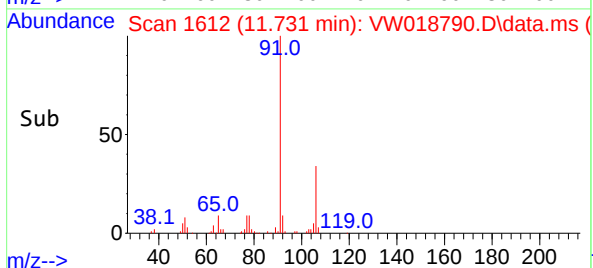
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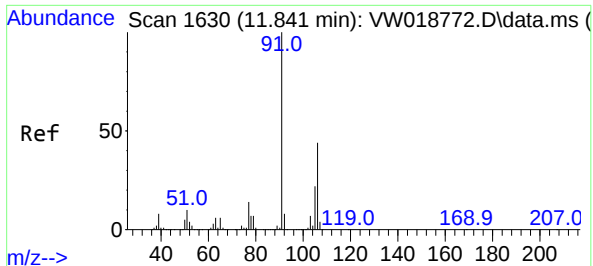


#52
Ethylbenzene
Concen: 1.53 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018790.D
Acq: 26 Apr 2021 18:46



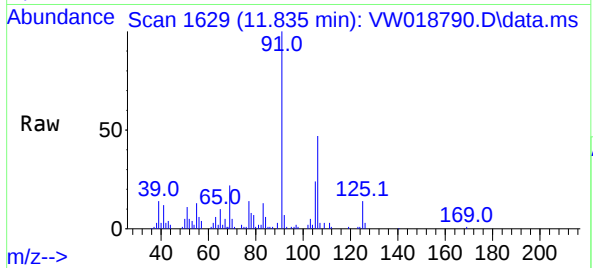
Tgt Ion: 91 Resp: 28568
Ion Ratio Lower Upper
91 100
106 33.4 22.5 41.7





#53
m,p-Xylene
Concen: 1.76 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW018790.D
Acq: 26 Apr 2021 18:46

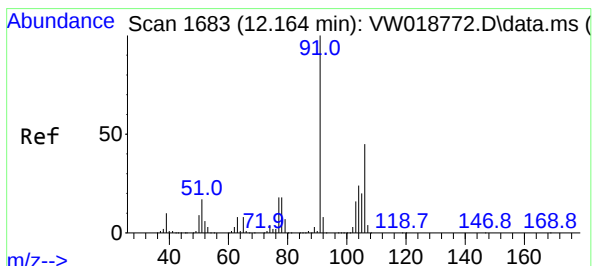
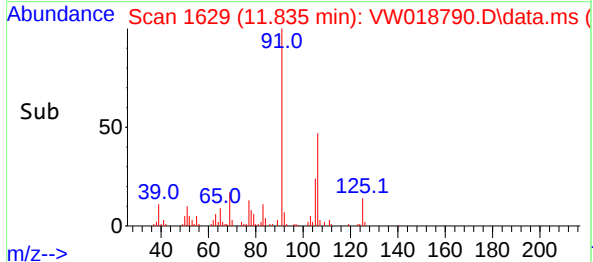
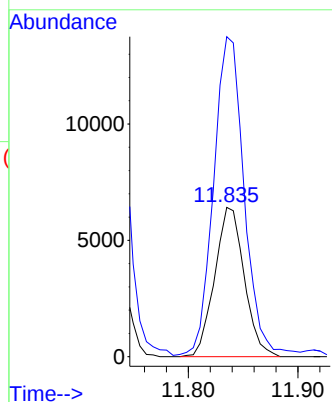
Instrument :
MSVOA_W
ClientSampled :
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Tgt Ion:106 Resp: 12029
Ion Ratio Lower Upper
106 100
91 214.3 141.3 262.3

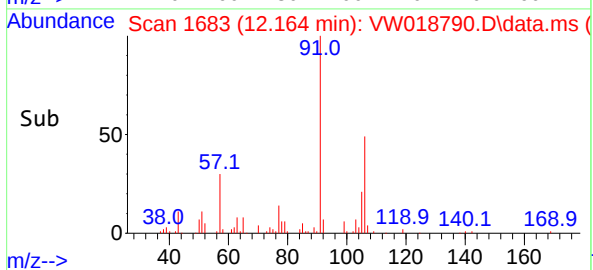
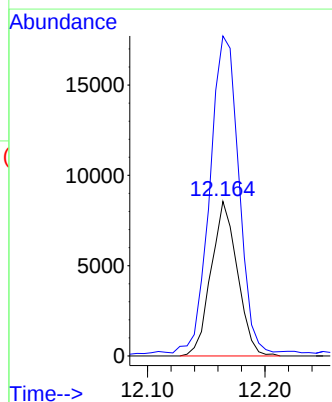
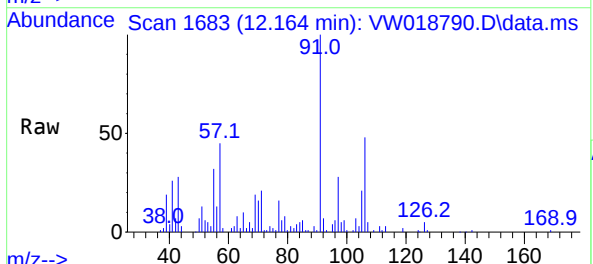
Manual Integrations
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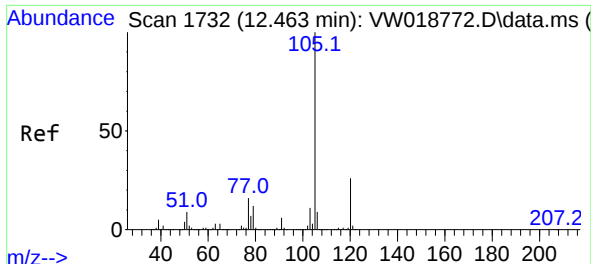
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#54
o-Xylene
Concen: 2.03 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018790.D
Acq: 26 Apr 2021 18:46

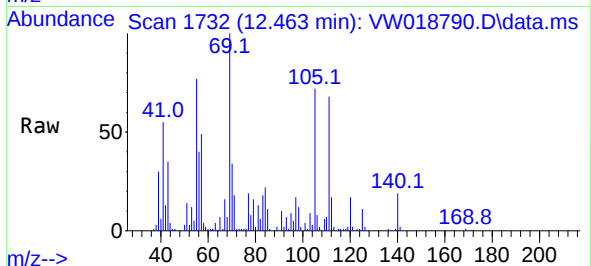
Tgt Ion:106 Resp: 13309
Ion Ratio Lower Upper
106 100
91 206.9 150.0 278.6





#60
Isopropylbenzene
Concen: 1.30 ug/L m
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018790.D
Acq: 26 Apr 2021 18:46

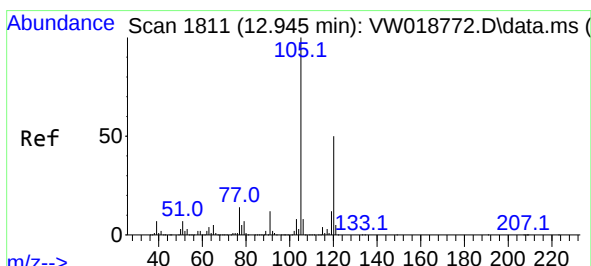
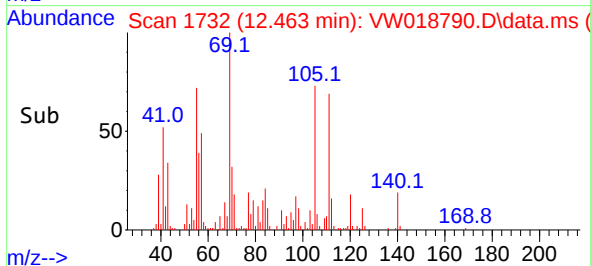
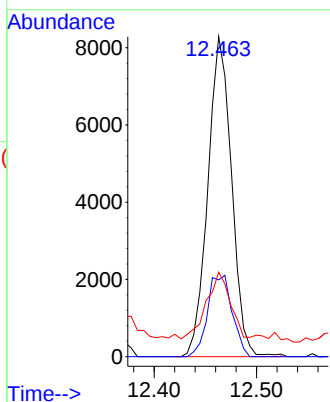
Instrument :
MSVOA_W
ClientSampleId :
BG514



Tgt Ion	Ratio	Lower	Upper
105	100		
120	112.6	21.1	31.7#
77	63.2	13.2	19.8#

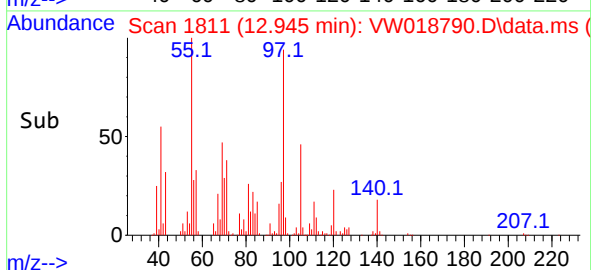
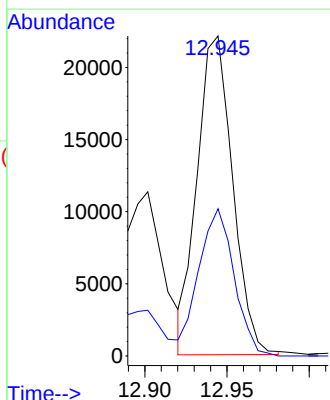
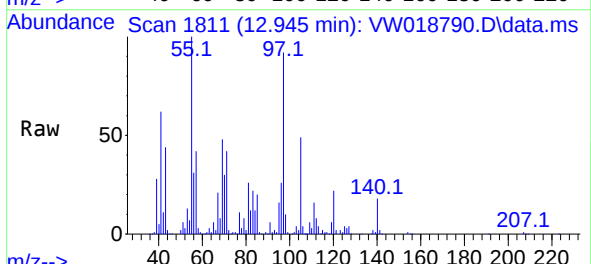
Manual Integrations
APPROVED

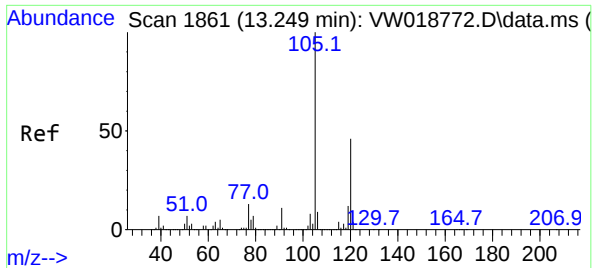
MMDadoda
4/28/2021 2:37:47 PM



#62
1,3,5-Trimethylbenzene
Concen: 3.91 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW018790.D
Acq: 26 Apr 2021 18:46

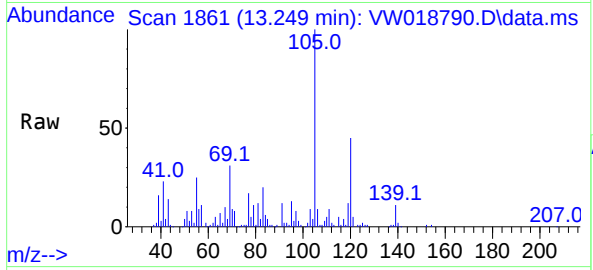
Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	39.0	58.6





#63
 1,2,4-Trimethylbenzene
 Concen: 7.67 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW018790.D
 Acq: 26 Apr 2021 18:46

Instrument :
 MSVOA_W
 ClientSampled :
 BG514



Tgt Ion:105 Resp: 64810
 Ion Ratio Lower Upper
 105 100
 120 44.7 35.6 53.4

Manual Integrations
 APPROVED

MMDadoda
 4/28/2021 2:37:47 PM

