

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050721\
 Data File : VW018960.D
 Acq On : 07 May 2021 16:19
 Operator : SY/VA
 Sample : M2337-14
 Misc : 4.29G/10ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG6K3

Manual Integrations
 APPROVED

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 5/10/2021 6:29:23 PM

Quant Time: May 07 23:31:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 07 23:29:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	586246	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	441819	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	128473	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	114200	15.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	60.72%		
7) Chloroethane-d5	2.892	69	129963	22.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.20%		
11) 1,1-Dichloroethene-d2	4.019	63	258411	17.30	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	69.20%		
21) 2-Butanone-d5	7.086	46	74678	38.12	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	76.24%		
24) Chloroform-d	7.653	84	378808	24.62	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	98.48%		
26) 1,2-Dichloroethane-d4	8.305	65	217053	25.25	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.00%		
32) Benzene-d6	8.275	84	714052	28.60	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	114.40%		
36) 1,2-Dichloropropane-d6	9.275	67	219351	29.62	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	118.48%		
41) Toluene-d8	10.323	98	597855	25.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	102.72%		
43) trans-1,3-Dichloroprop...	10.579	79	76979	22.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	91.48%		
47) 2-Hexanone-d5	10.927	63	56904	42.91	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	85.82%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	135203	21.54	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	86.16%		
66) 1,2-Dichlorobenzene-d4	13.853	152	102537	23.29	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.16%		
Target Compounds						Qvalue
13) Acetone	4.141	43	19745	13.16	ug/L	100
16) Methylene chloride	4.922	84	43521	4.49	ug/L	98
22) 2-Butanone	7.190	43	7379m	3.55	ug/L	
42) Toluene	10.390	91	10040	0.34	ug/L	94
51) Chlorobenzene	11.658	112	27097	1.52	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	8365	0.55	ug/L	93

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

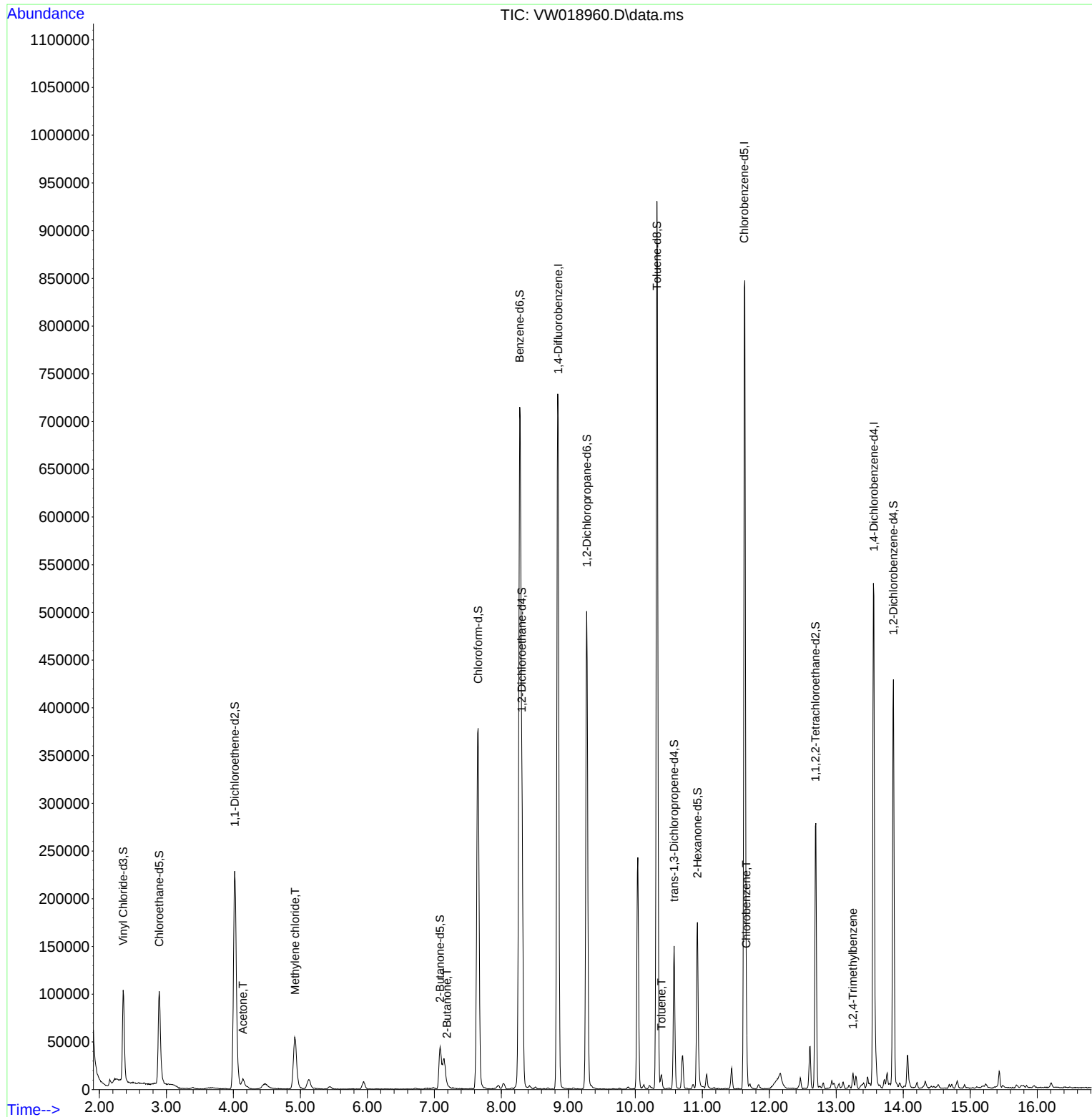
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050721\
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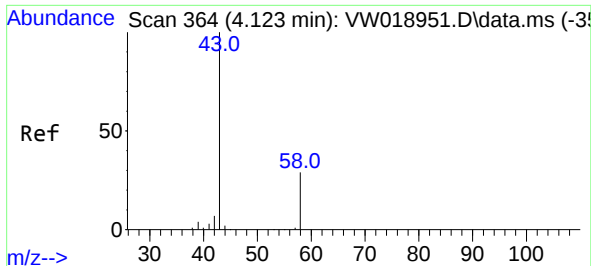
Instrument :
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Quant Time: May 07 23:31:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 07 23:29:08 2021
Response via : Initial Calibration





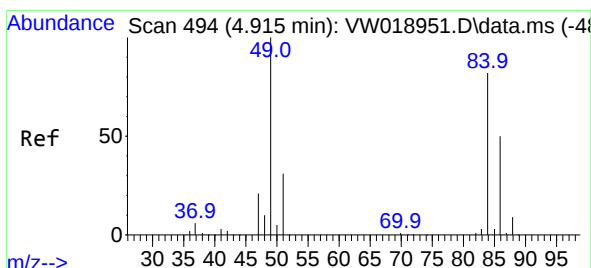
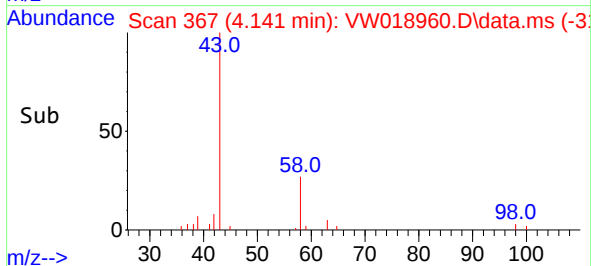
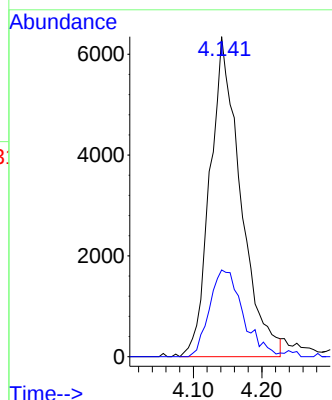
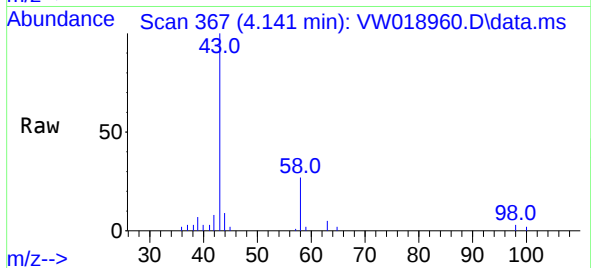
#13
Acetone
Concen: 13.16 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.018 min
Lab File: VW018960.D
Acq: 07 May 2021 16:19

Tgt Ion: 43 Resp: 19745
Ion Ratio Lower Upper
43 100
58 26.8 0.0 53.8

Instrument :
MSVOA_W
ClientSampled :
BG6K3

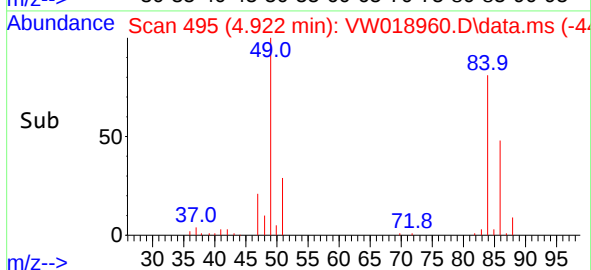
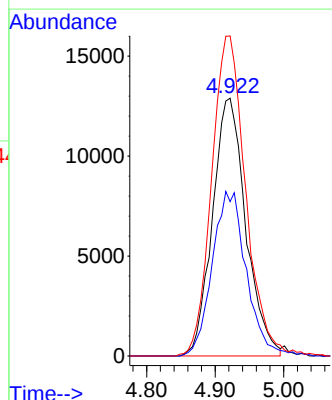
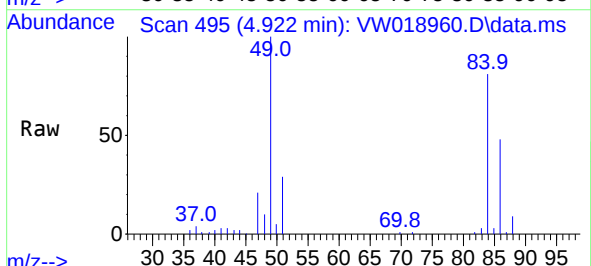
Manual Integrations
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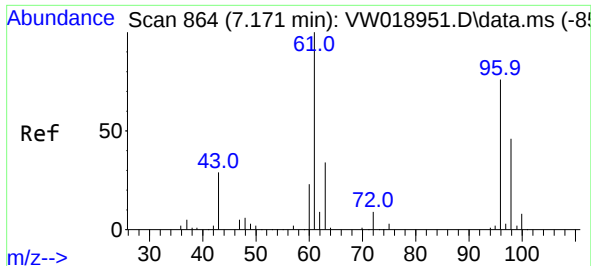
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#16
Methylene chloride
Concen: 4.49 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018960.D
Acq: 07 May 2021 16:19

Tgt Ion: 84 Resp: 43521
Ion Ratio Lower Upper
84 100
86 59.9 45.3 84.1
49 124.1 86.6 160.8





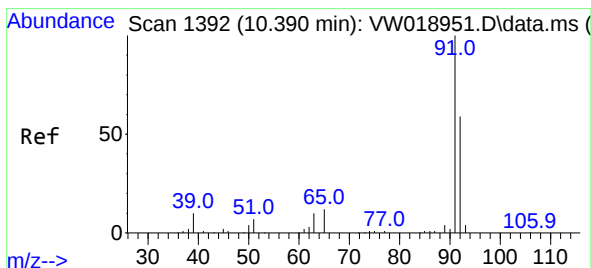
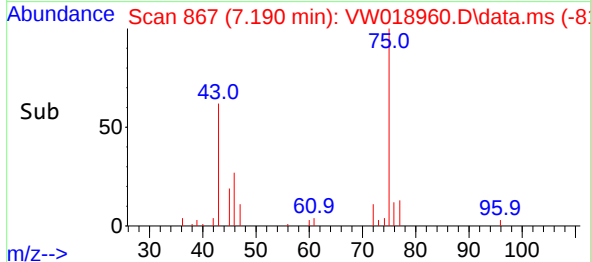
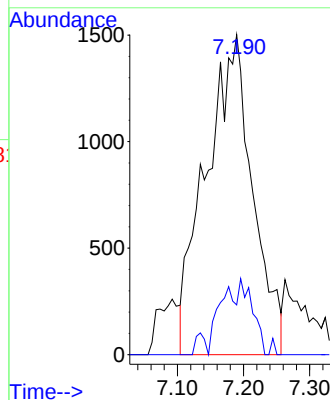
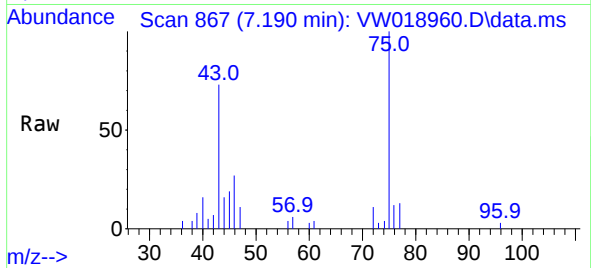
#22
2-Butanone
Concen: 3.55 ug/L m
RT: 7.190 min Scan# 867
Delta R.T. 0.018 min
Lab File: VW018960.D
Acq: 07 May 2021 16:19

Tgt Ion: 43 Resp: 7379
Ion Ratio Lower Upper
43 100
72 8.3 14.9 44.7#

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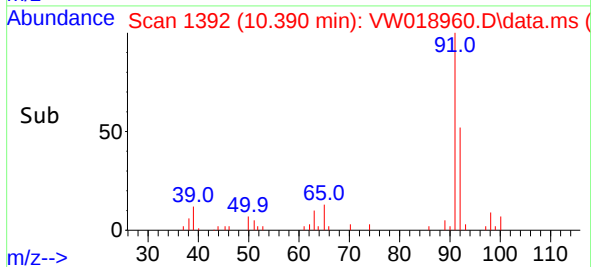
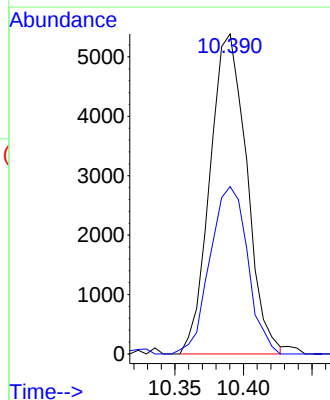
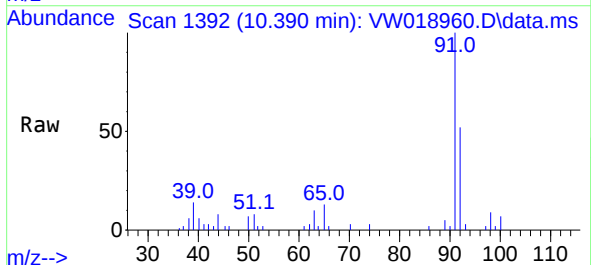
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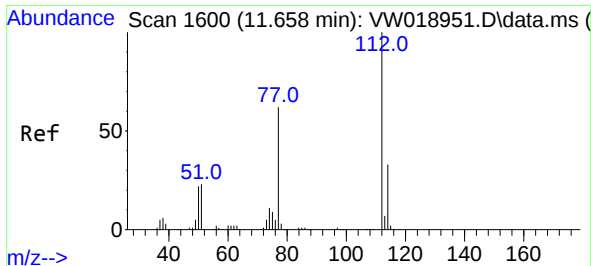
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#42
Toluene
Concen: 0.34 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018960.D
Acq: 07 May 2021 16:19

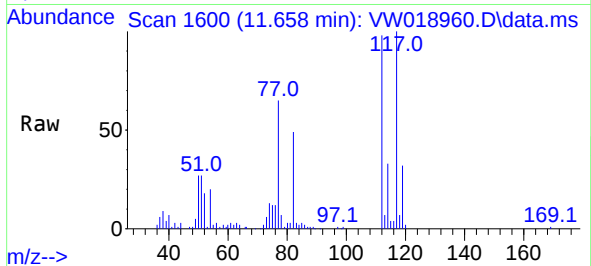
Tgt Ion: 91 Resp: 10040
Ion Ratio Lower Upper
91 100
92 52.3 39.5 73.3





#51
Chlorobenzene
Concen: 1.52 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018960.D
Acq: 07 May 2021 16:19

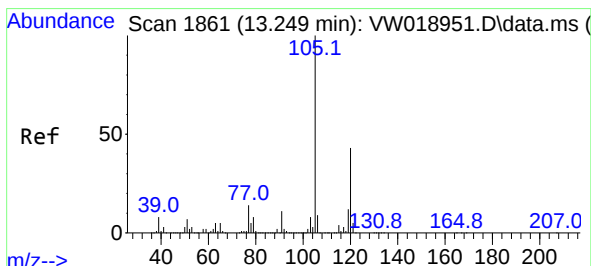
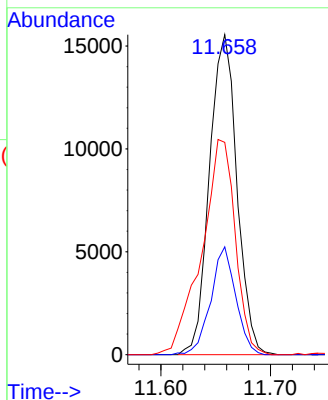
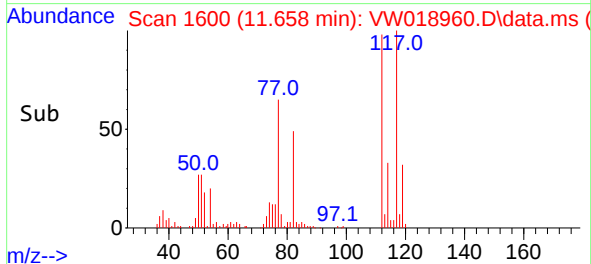
Instrument :
MSVOA_W
ClientSampled :
BG6K3



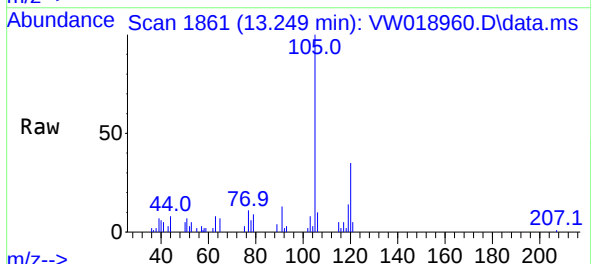
Tgt Ion:112 Resp: 27097
Ion Ratio Lower Upper
112 100
114 33.7 23.4 43.6
77 66.4 47.6 71.4

Manual Integrations
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#63
1,2,4-Trimethylbenzene
Concen: 0.55 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018960.D
Acq: 07 May 2021 16:19



Tgt Ion:105 Resp: 8365
Ion Ratio Lower Upper
105 100
120 39.9 35.6 53.4

