

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111320\
 Data File : VW017223.D
 Acq On : 13 Nov 2020 19:20
 Operator : SY/VA
 Sample : L4710-08
 Misc : 4.93G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AX7

Manual Integrations
 APPROVED

MMDadoda
 11/17/2020 6:51:27 PM

Quant Time: Nov 17 05:49:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 16 11:48:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	452906	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	377267	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	127890	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	119203	20.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.60%		
7) Chloroethane-d5	2.89	69	101969	23.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.80%		
10) 1,1-Dichloroethene-d2	4.02	63	166830	16.35	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	65.40%		
20) 2-Butanone-d5	7.08	46	26948	21.12	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	42.24%		
24) Chloroform-d	7.65	84	245232	23.19	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	92.76%		
26) 1,2-Dichloroethane-d4	8.31	65	115507m	21.97	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.88%		
29) Benzene-d6	8.28	84	482483	25.11	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	100.44%		
33) 1,2-Dichloropropane-d6	9.28	67	130988	24.65	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	98.60%		
37) Toluene-d8	10.33	98	447057	24.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	98.72%		
38) trans-1,3-Dichloropropene-	10.58	79	36226	15.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	60.48%		
39) 2-Hexanone-d5	10.93	63	20909	22.55	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	45.10%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	80787	17.45	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	69.80%		
61) 1,2-Dichlorobenzene-d4	13.86	152	99884	22.17	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.68%		
Target Compounds						
13) Acetone	4.13	43	3190	3.735	ug/L	78
16) Methylene chloride	4.93	84	20395	3.340	ug/L	97
43) 4-Methyl-2-pentanone	10.22	43	2267	0.793	ug/L #	93
44) Toluene	10.39	91	6312	0.289	ug/L	92

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

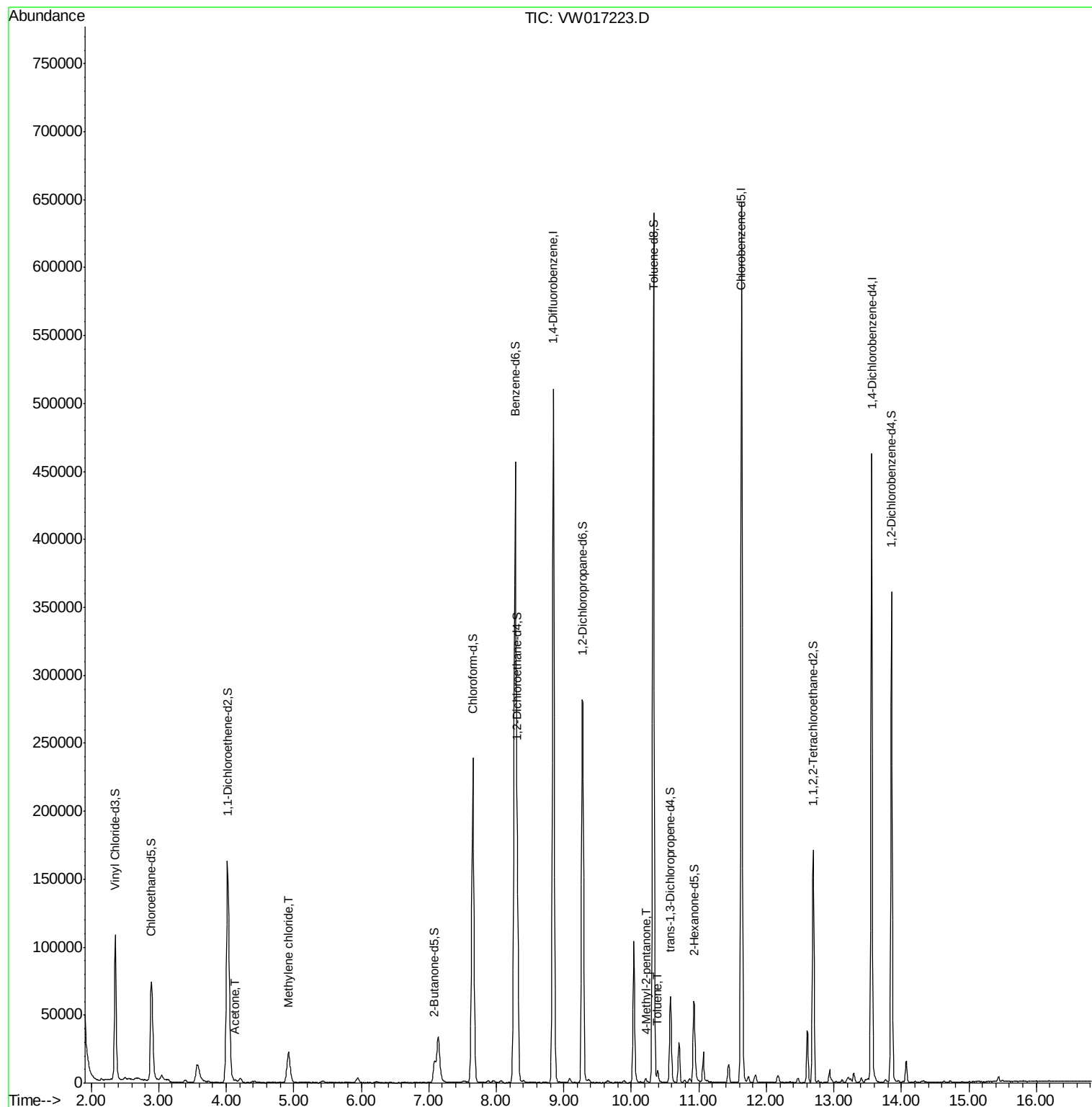
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111320\
Data File : VW017223.D
Acq On : 13 Nov 2020 19:20
Operator : SY/VA
Sample : L4710-08
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

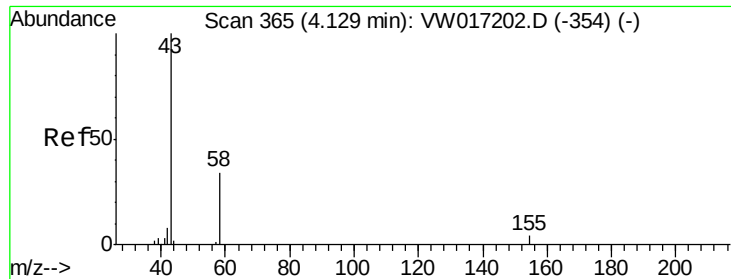
Instrument :
MSVOA_W
ClientSampleId :
C0AX7

Manual Integrations
APPROVED

MMDadoda
11/17/2020 6:51:27 PM

Quant Time: Nov 17 05:49:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Mon Nov 16 11:48:24 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.735 ug/L

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017223.D

Acq: 13 Nov 2020 19:20

Instrument :

MSVOA_W

ClientSampled :

C0AX7

Tot Ion: 43 Resp: 3190

Ion Ratio Lower Upper

43 100

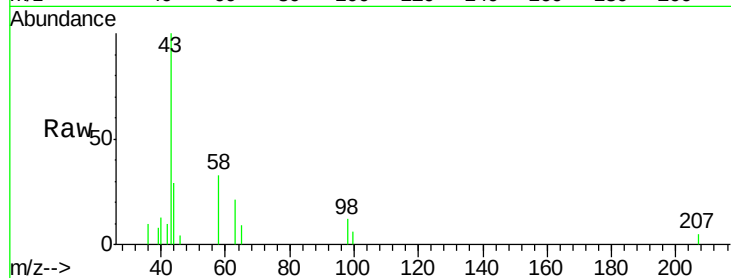
58 21.9 0.0 69.2

Manual Integrations

APPROVED

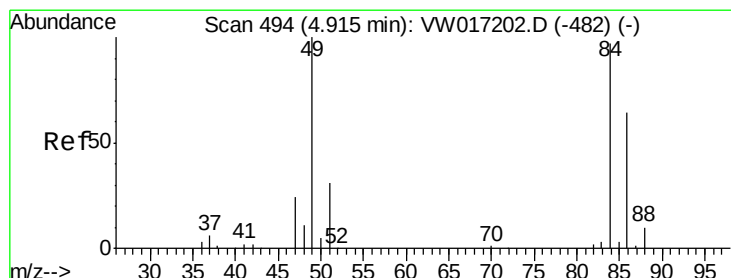
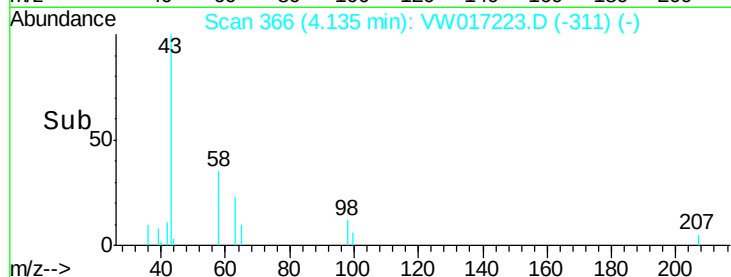
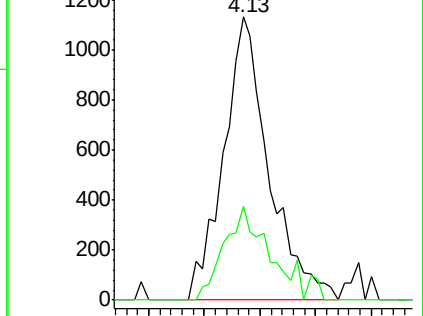
MMDadoda

11/17/2020 6:51:27 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.340 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017223.D

Acq: 13 Nov 2020 19:20

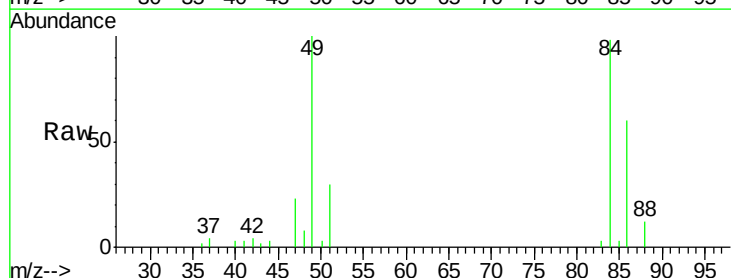
Tgt Ion: 84 Resp: 20395

Ion Ratio Lower Upper

84 100

49 101.7 72.3 134.3

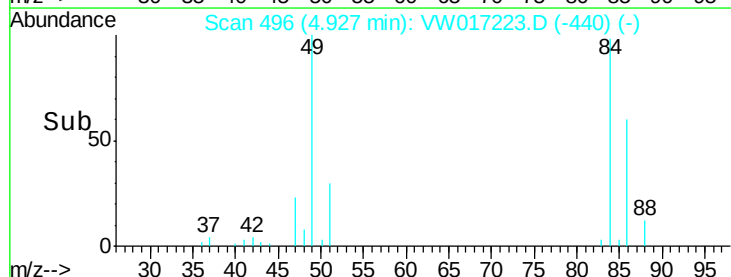
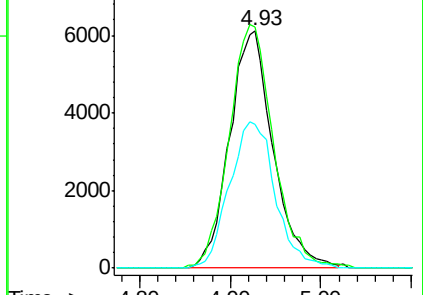
86 60.9 45.1 83.7

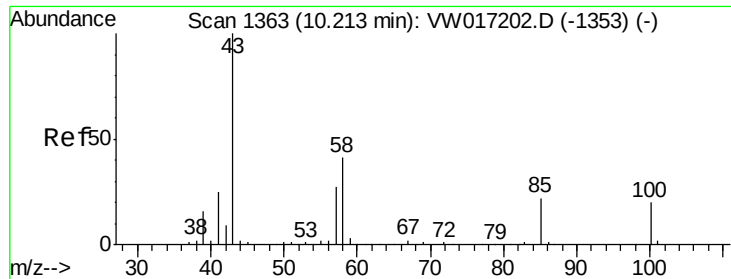


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





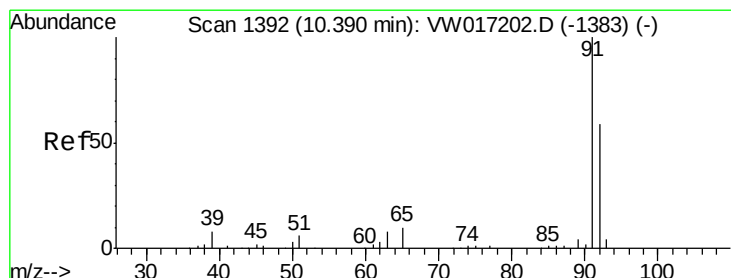
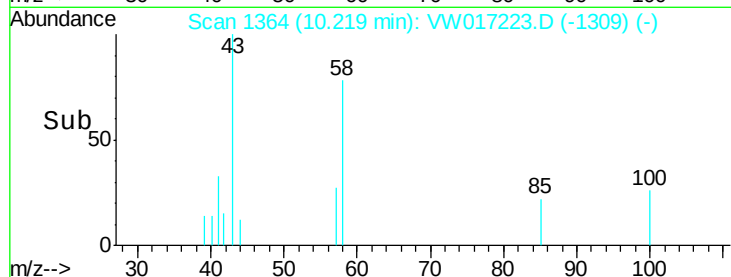
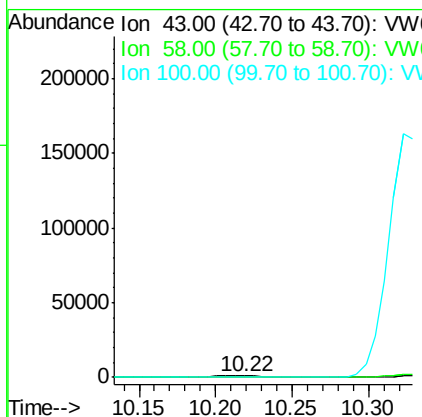
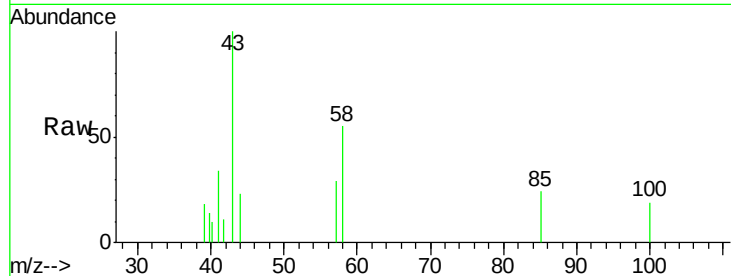
#43
4-Methyl-2-pentanone
Concen: 0.793 ug/L
RT: 10.22 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VW017223.D
Acq: 13 Nov 2020 19:20

Instrument :
MSVOA_W
ClientSampled :
C0AX7

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.9	35.0	52.6
100	16.4	16.6	24.8

Manual Integrations
APPROVED

MMDadoda
11/17/2020 6:51:27 PM



#44
Toluene
Concen: 0.289 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW017223.D
Acq: 13 Nov 2020 19:20

Tgt Ion	Ratio	Lower	Upper
91	100		
92	65.4	41.4	76.8

