

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111120\
 Data File : VW017160.D
 Acq On : 11 Nov 2020 13:16
 Operator : SY/VA
 Sample : L4693-07
 Misc : 5.29G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4D7

Manual Integrations
 APPROVED

MMDadoda
 11/13/2020 11:41:00 AM

Quant Time: Nov 12 03:47:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 03:07:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	499204	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	441776	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	206375	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	122206	19.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.76%
7) Chloroethane-d5	2.89	69	103225	21.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.20%
10) 1,1-Dichloroethene-d2	4.03	63	165881	14.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.00%
20) 2-Butanone-d5	7.09	46	34554	24.57	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.14%
24) Chloroform-d	7.65	84	233031	20.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.00%
26) 1,2-Dichloroethane-d4	8.31	65	107803	18.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.44%
29) Benzene-d6	8.28	84	471296	20.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.80%
33) 1,2-Dichloropropane-d6	9.28	67	126884	20.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.56%
37) Toluene-d8	10.33	98	449787	21.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.80%
38) trans-1,3-Dichloropropene-	10.58	79	48446	17.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.08%
39) 2-Hexanone-d5	10.93	63	26834	24.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	84367	15.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	62.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	148082	20.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.48%

Target Compounds					Ovalue
13) Acetone	4.15	43	2252m	2.392	ug/L
16) Methylene chloride	4.93	84	9747	1.448	ug/L
43) 4-Methyl-2-pentanone	10.21	43	3652	1.092	ug/L
47) Tetrachloroethene	10.87	164	36696	6.259	ug/L

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

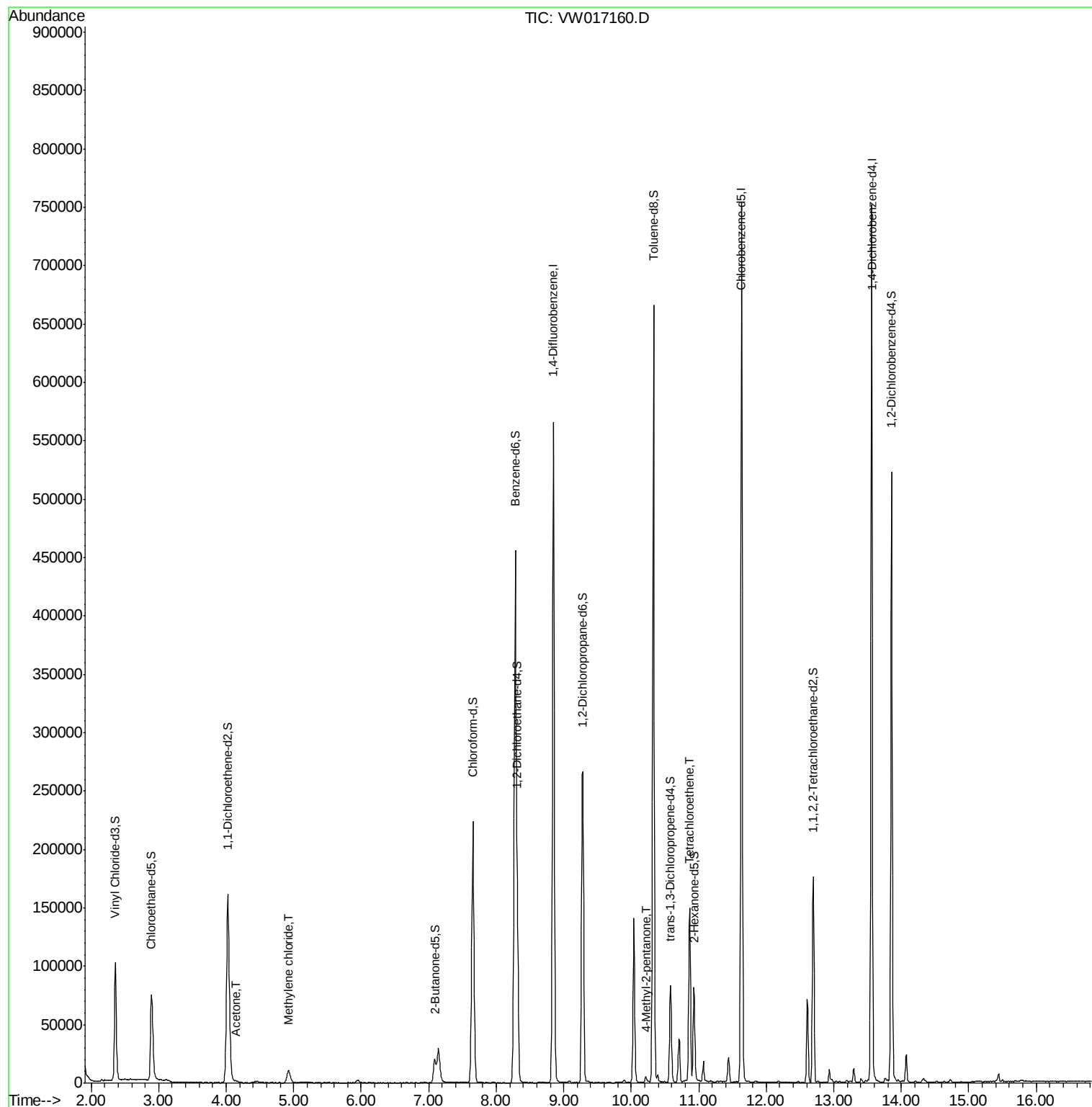
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111120\
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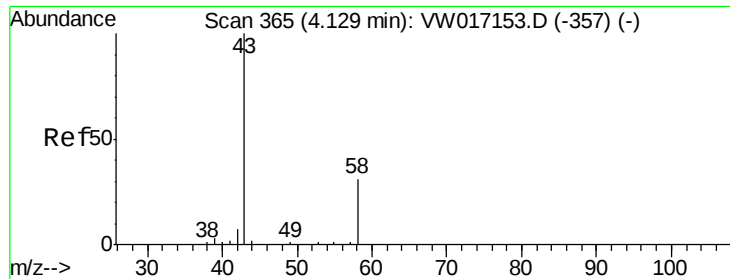
Instrument :
MSVOA_W
ClientSampled :
BG4D7

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Quant Time: Nov 12 03:47:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 12 03:07:51 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.392 ug/L m

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW017160.D

Acq: 11 Nov 2020 13:16

Instrument :

MSVOA_W

ClientSampleId :

BG4D7

Tot Ion: 43 Resp: 2252

Ion Ratio Lower Upper

43 100

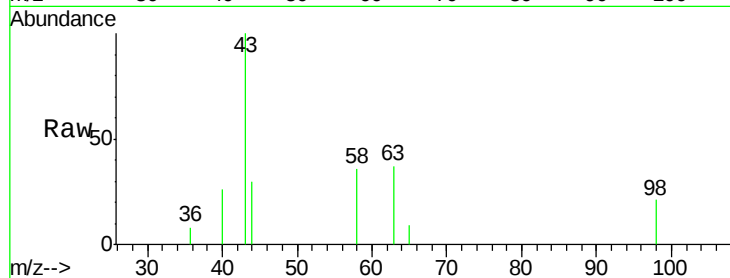
58 27.8 0.0 69.2

Manual Integrations

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11/13/2020 11:41:00 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

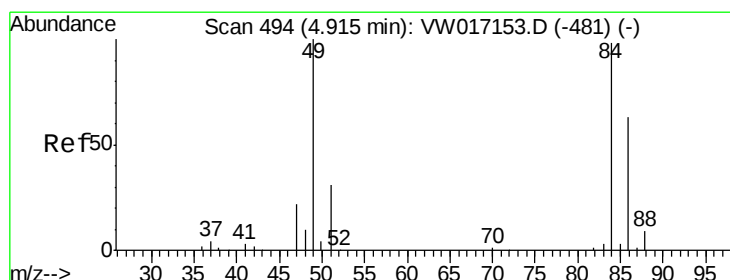
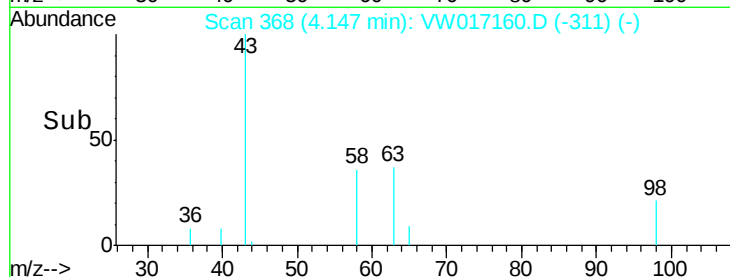
600

400

200

0

Time-->



#16

Methylene chloride

Concen: 1.448 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017160.D

Acq: 11 Nov 2020 13:16

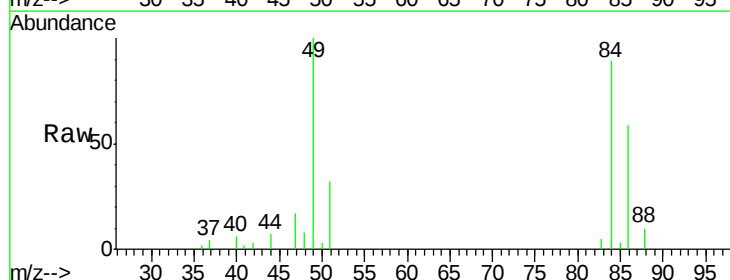
Tgt Ion: 84 Resp: 9747

Ion Ratio Lower Upper

84 100

49 112.7 72.3 134.3

86 66.3 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

4.93

4000

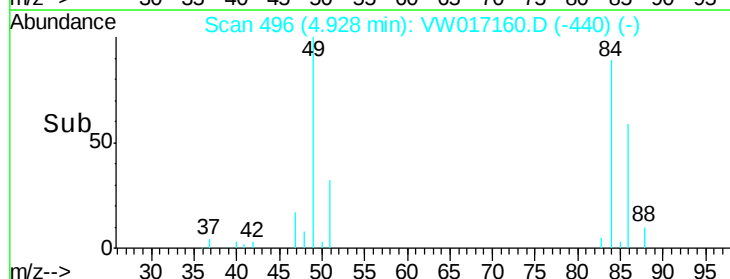
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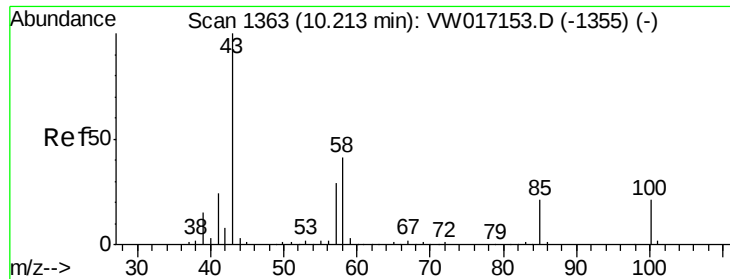
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1000

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Time-->





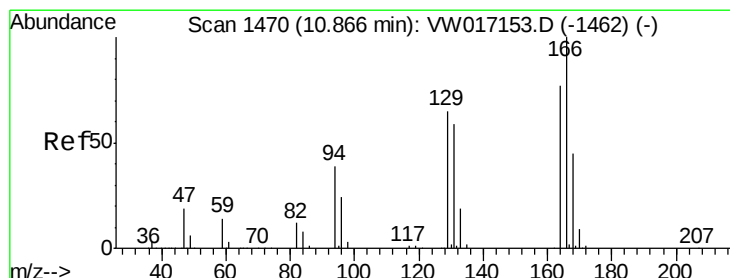
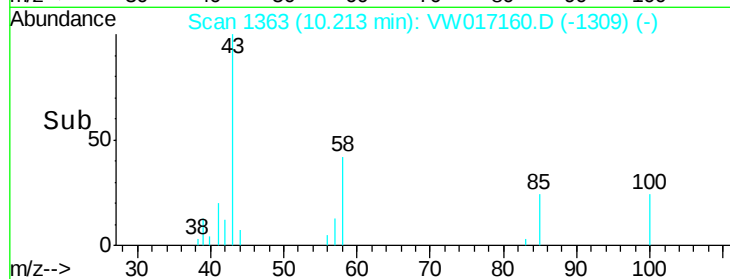
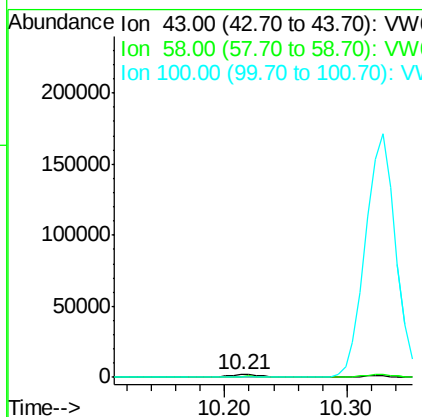
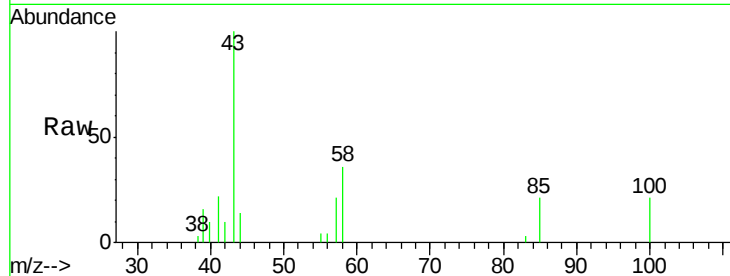
#43
4-Methyl-2-pentanone
Concen: 1.092 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW017160.D
Acq: 11 Nov 2020 13:16

Instrument :
MSVOA_W
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
43	100		
58	38.5	35.0	52.6
100	20.2	16.6	24.8

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#47
Tetrachloroethene
Concen: 6.259 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW017160.D
Acq: 11 Nov 2020 13:16

Tgt Ion	Ratio	Lower	Upper
164	100		
129	84.4	62.9	116.7
131	84.6	63.3	117.5
166	121.0	92.0	170.8

