

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111120\
 Data File : VW017158.D
 Acq On : 11 Nov 2020 12:29
 Operator : SY/VA
 Sample : L4693-06
 Misc : 5.64G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4D6

Manual Integrations
 APPROVED

MMDadoda
 11/13/2020 11:40:58 AM

Quant Time: Nov 12 03:41:00 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	489447	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	446033	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	204667	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	131877	21.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.56%
7) Chloroethane-d5	2.89	69	113887	23.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.88%
10) 1,1-Dichloroethene-d2	4.02	63	186818	16.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.76%
20) 2-Butanone-d5	7.09	46	42971	31.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.34%
24) Chloroform-d	7.65	84	264943	23.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.76%
26) 1,2-Dichloroethane-d4	8.31	65	126573	22.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.12%
29) Benzene-d6	8.28	84	531850	23.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.68%
33) 1,2-Dichloropropane-d6	9.28	67	144883	23.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.24%
37) Toluene-d8	10.33	98	504801	23.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.28%
38) trans-1,3-Dichloropropene-	10.58	79	56290	19.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.48%
39) 2-Hexanone-d5	10.93	63	35399	32.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102520	18.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	174548	24.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.84%

Target Compounds					Ovalue
13) Acetone	4.15	43	2691m	2.915	ug/L
16) Methylene chloride	4.92	84	6211	0.941	ug/L
43) 4-Methyl-2-pentanone	10.21	43	2851	0.844	ug/L #

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

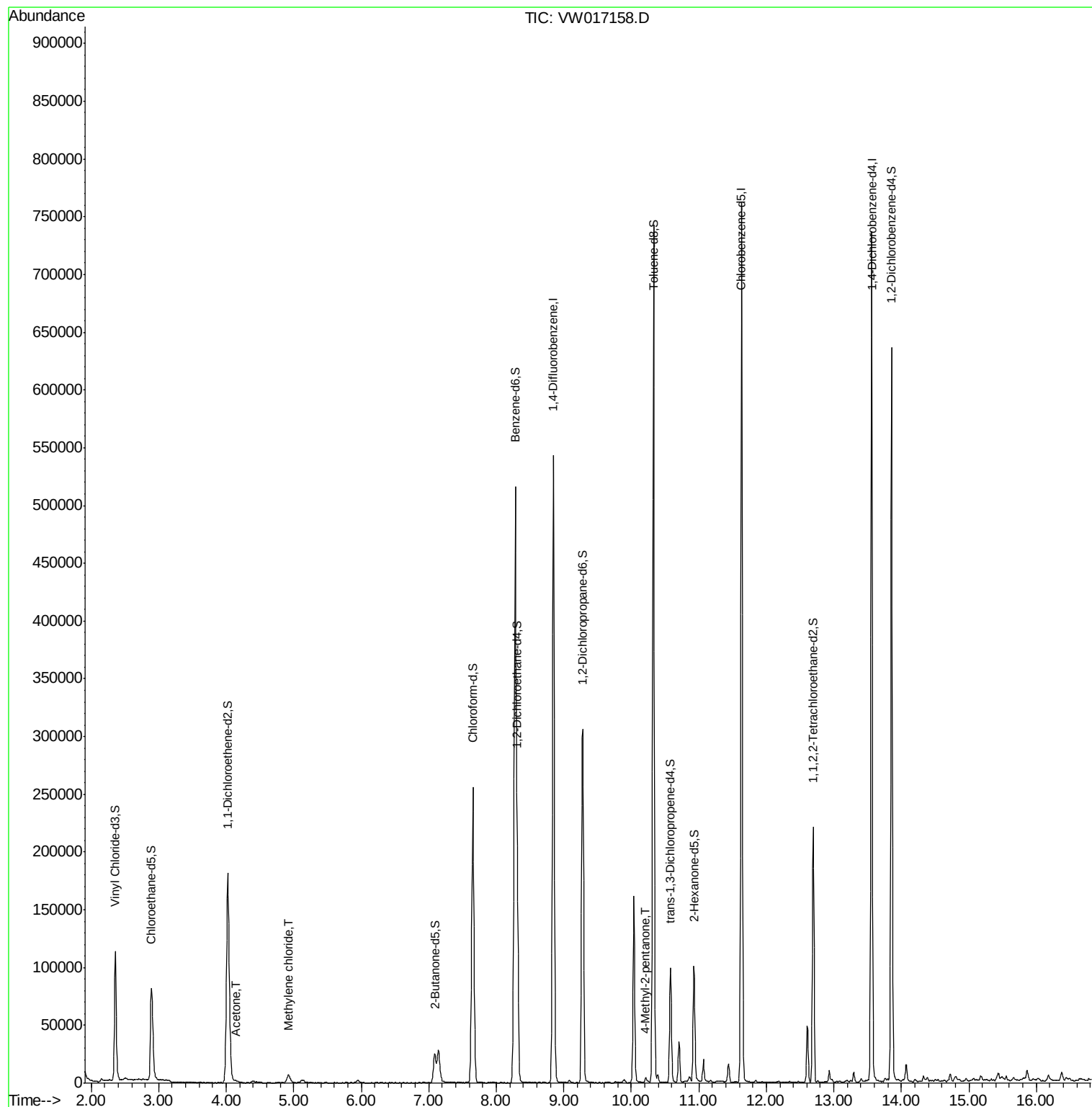
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111120\
Data File : VW017158.D
Acq On : 11 Nov 2020 12:29
Operator : SY/VA
Sample : L4693-06
Misc : 5.64G/10ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

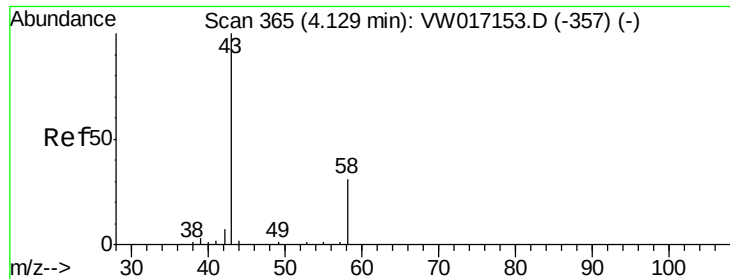
Instrument :
MSVOA_W
ClientSampleId :
BG4D6

Manual Integrations
APPROVED

MMDadoda
11/13/2020 11:40:58 AM

Quant Time: Nov 12 03:41:00 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: 2.915 ug/L m

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW017158.D

Acq: 11 Nov 2020 12:29

Instrument :

MSVOA_W

ClientSampled :

BG4D6

Tot Ion: 43 Resp: 2691

Ion Ratio Lower Upper

43 100

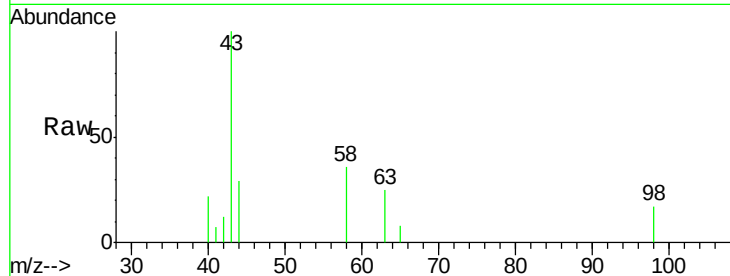
58 22.4 0.0 69.2

Manual Integrations

APPROVED

MMDadoda

11/13/2020 11:40:58 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

800

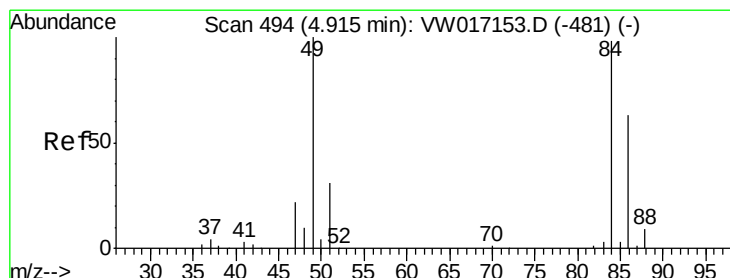
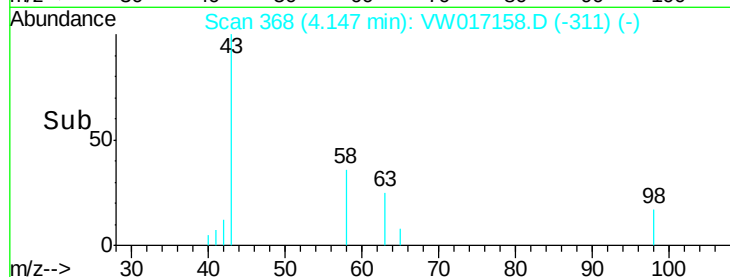
600

400

200

0

Time-->



#16

Methylene chloride

Concen: 0.941 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017158.D

Acq: 11 Nov 2020 12:29

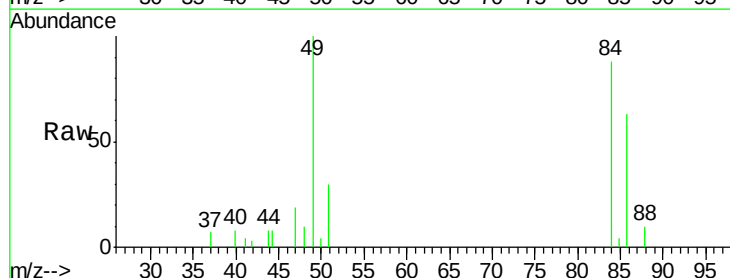
Tgt Ion: 84 Resp: 6211

Ion Ratio Lower Upper

84 100

49 113.8 72.3 134.3

86 71.5 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

2500

2000

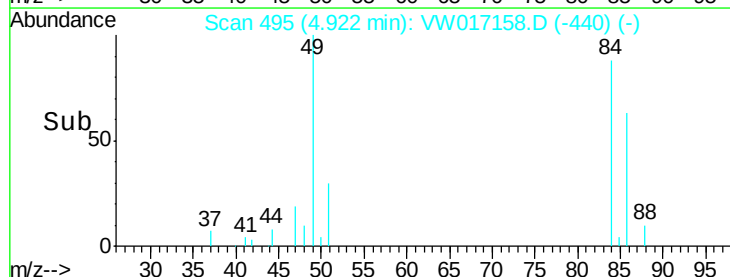
1500

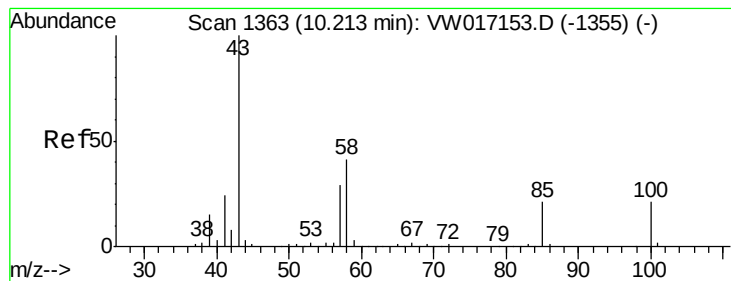
1000

500

0

Time-->





#43
 4-Methyl-2-pentanone
 Concen: 0.844 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW017158.D
 Acq: 11 Nov 2020 12:29

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4D6

Tot Ion	Ratio	Lower	Upper
43	100		
58	45.4	35.0	52.6
100	25.4	16.6	24.8

Manual Integrations
 APPROVED

MMDadoda
 11/13/2020 11:40:58 AM

