

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
 Data File : VW017188.D
 Acq On : 12 Nov 2020 16:32
 Operator : SY/VA
 Sample : L4727-03
 Misc : 5.16G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AB8

Quant Time: Nov 13 05:19:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 13 04:11:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	403740	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	316162	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	95984	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	122768	24.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.56%
7) Chloroethane-d5	2.89	69	104110	26.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.28%
10) 1,1-Dichloroethene-d2	4.02	63	162310	17.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.36%
20) 2-Butanone-d5	7.07	46	54384	47.82	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.64%
24) Chloroform-d	7.65	84	251006	26.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.52%
26) 1,2-Dichloroethane-d4	8.31	65	125498	26.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.12%
29) Benzene-d6	8.27	84	488313	30.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.32%
33) 1,2-Dichloropropane-d6	9.27	67	138059	31.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.00%#
37) Toluene-d8	10.32	98	423720	27.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.64%
38) trans-1,3-Dichloropropene-	10.58	79	51100	25.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.80%
39) 2-Hexanone-d5	10.93	63	43350	55.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	101045	26.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	88851	26.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.08%

Target Compounds

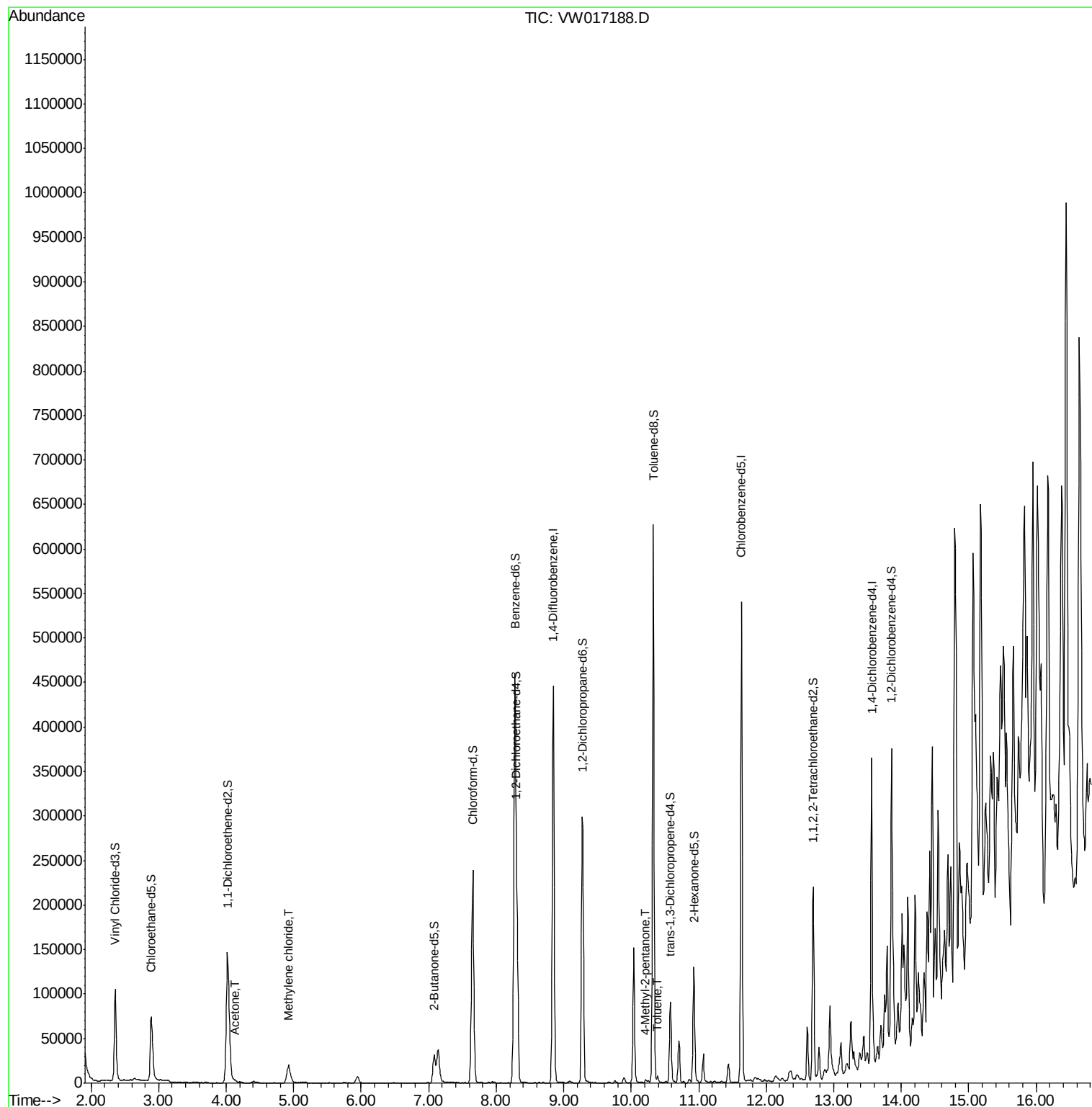
					Ovalue
13) Acetone	4.14	43	3623	4.758 ug/L	94
16) Methylene chloride	4.92	84	19026	3.495 ug/L	95
43) 4-Methyl-2-pentanone	10.21	43	2228	0.931 ug/L	91
44) Toluene	10.39	91	5302	0.290 ug/L	98

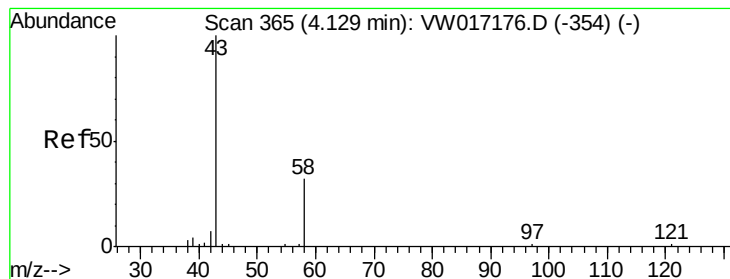
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.758 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

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Acq: 12 Nov 2020 16:32

Instrument :

MSVOA_W

ClientSampleId :

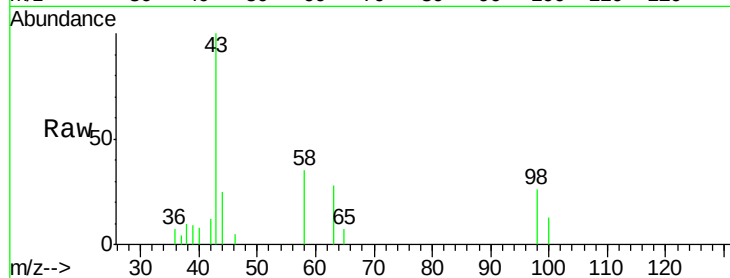
C0AB8

Tot Ion: 43 Resp: 3623

Ion Ratio Lower Upper

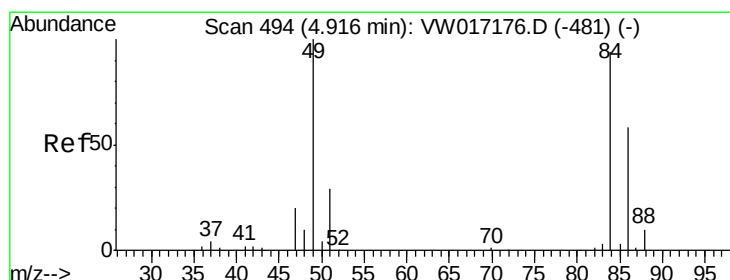
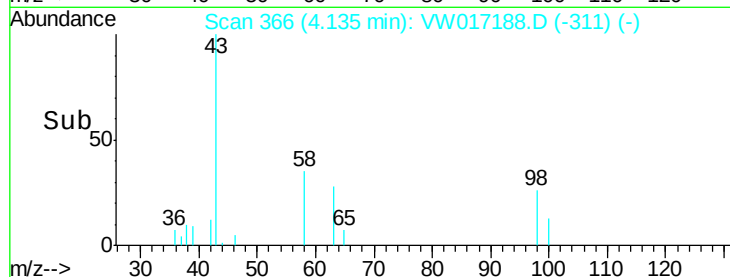
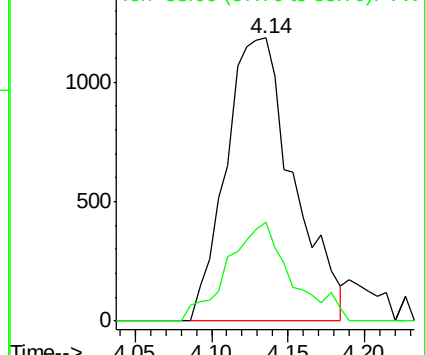
43 100

58 30.9 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.495 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017188.D

Acq: 12 Nov 2020 16:32

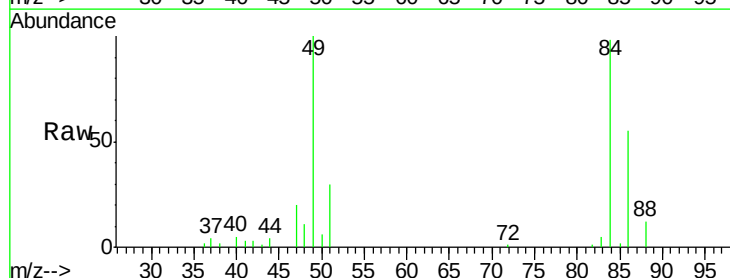
Tgt Ion: 84 Resp: 19026

Ion Ratio Lower Upper

84 100

49 101.9 72.3 134.3

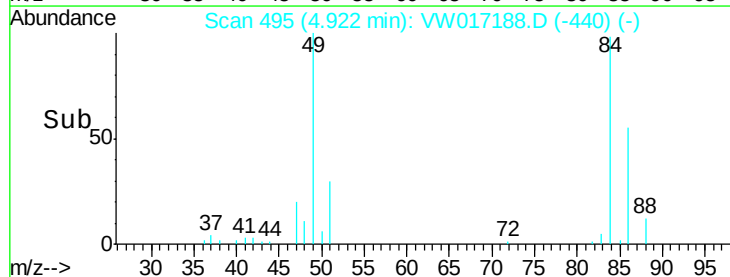
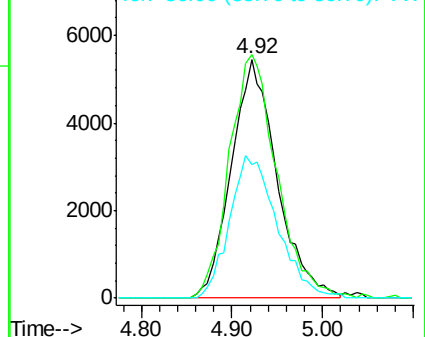
86 55.8 45.1 83.7

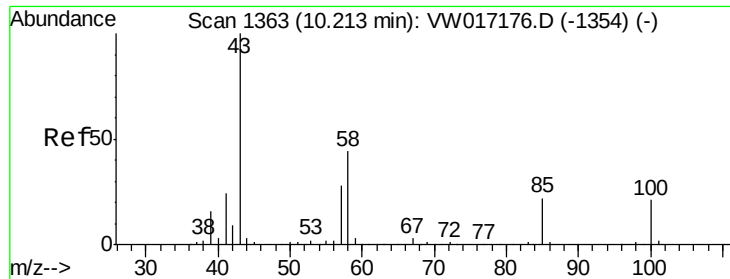


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

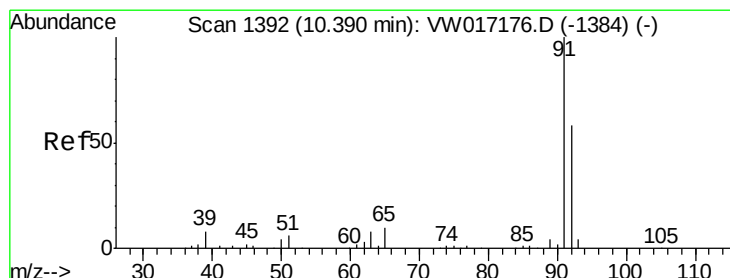
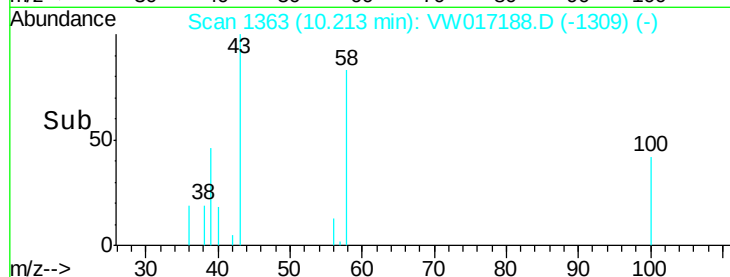
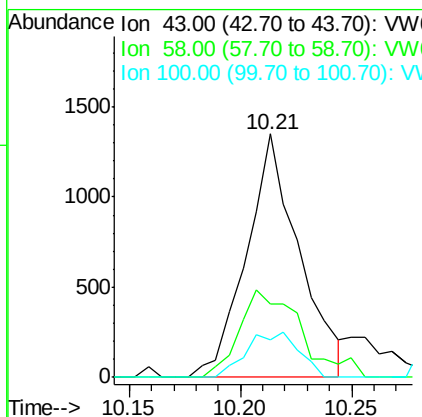
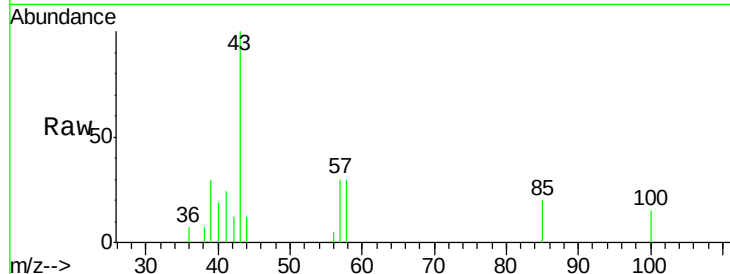




#43
4-Methyl-2-pentanone
Concen: 0.931 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW017188.D
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Instrument :
MSVOA_W
ClientSampled :
C0AB8

Tot Ion: 43 Resp: 2228
Ion Ratio Lower Upper
43 100
58 37.0 35.0 52.6
100 18.2 16.6 24.8



#44
Toluene
Concen: 0.290 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW017188.D
Acq: 12 Nov 2020 16:32

Tgt Ion: 91 Resp: 5302
Ion Ratio Lower Upper
91 100
92 57.4 41.4 76.8

