

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112020\
 Data File : VW017444.D
 Acq On : 21 Nov 2020 02:33
 Operator : SY/VA
 Sample : L4860-10
 Misc : 5.59G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BC7

Quant Time: Nov 21 05:09:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 21 02:27:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	285656	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	279722	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	132178	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	69832	16.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.04%
7) Chloroethane-d5	2.89	69	79120	23.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.20%
10) 1,1-Dichloroethene-d2	4.01	63	105615	14.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.12%
20) 2-Butanone-d5	7.07	46	37462	53.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.88%
24) Chloroform-d	7.65	84	186281	24.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.28%
26) 1,2-Dichloroethane-d4	8.31	65	100472	27.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.84%
29) Benzene-d6	8.27	84	346721	21.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.96%
33) 1,2-Dichloropropane-d6	9.27	67	100636	23.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.84%
37) Toluene-d8	10.32	98	327844	22.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.32%
38) trans-1,3-Dichloropropene-	10.58	79	42027	22.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.92%
39) 2-Hexanone-d5	10.93	63	29630	52.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	85184	26.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	123099	25.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.92%

Target Compounds

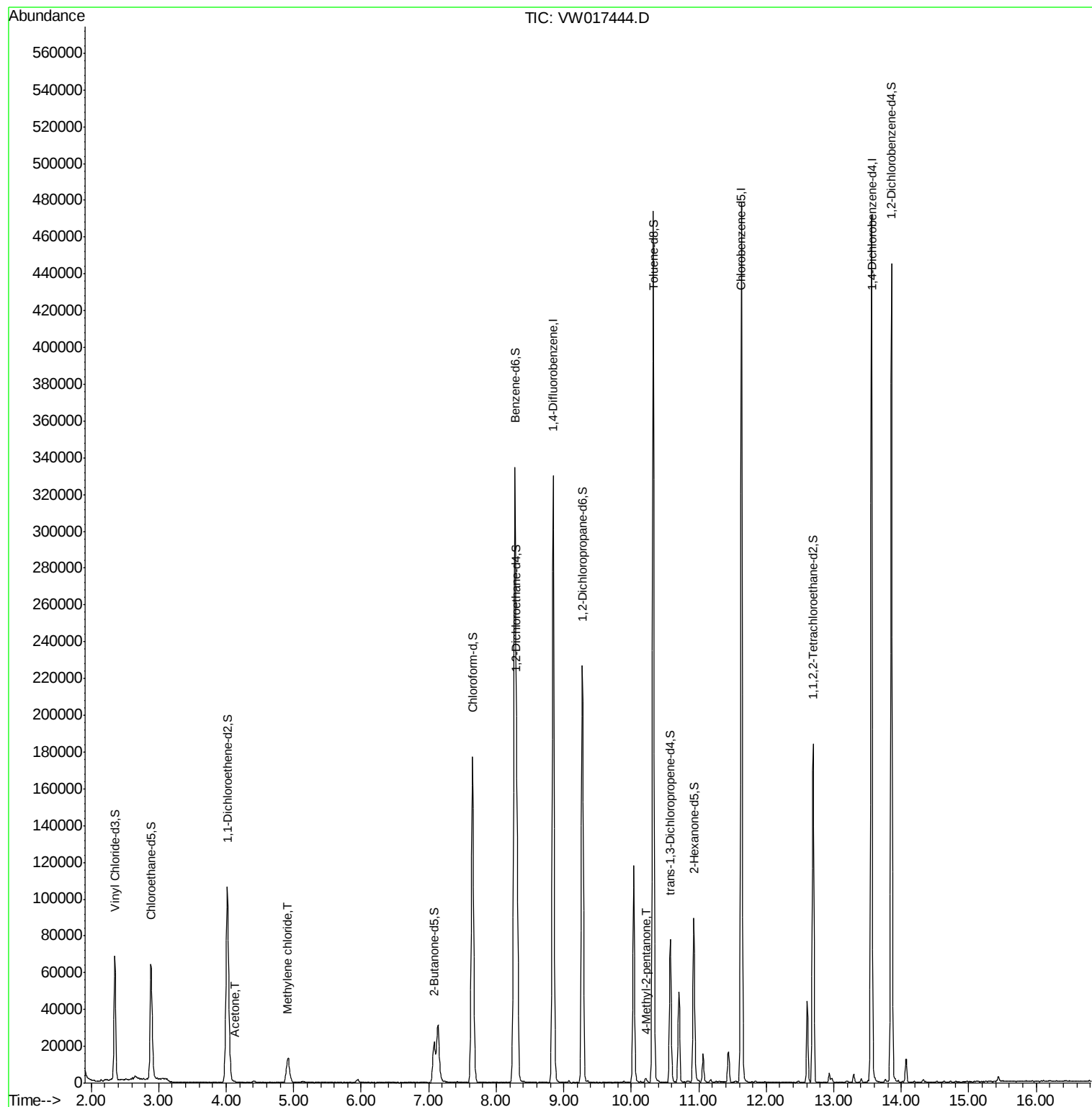
					Ovalue
13) Acetone	4.13	43	742	1.464 ug/L	63
16) Methylene chloride	4.91	84	11672	2.389 ug/L	96
43) 4-Methyl-2-pentanone	10.22	43	1574	0.887 ug/L	97

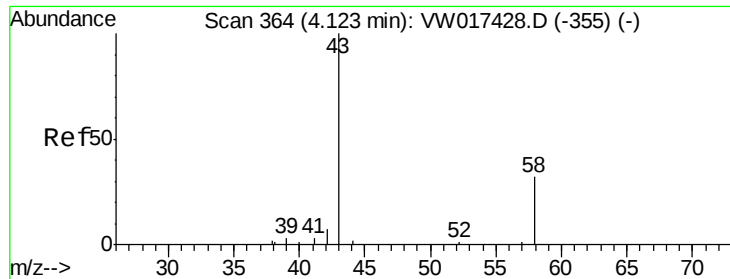
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.464 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW017444.D

Acq: 21 Nov 2020 02:33

Instrument :

MSVOA_W

ClientSampleId :

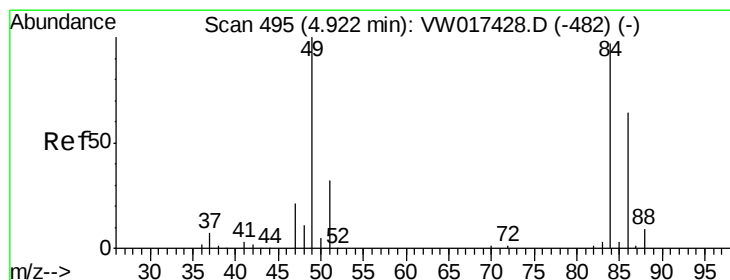
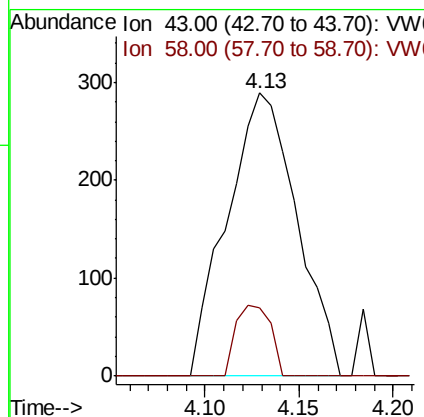
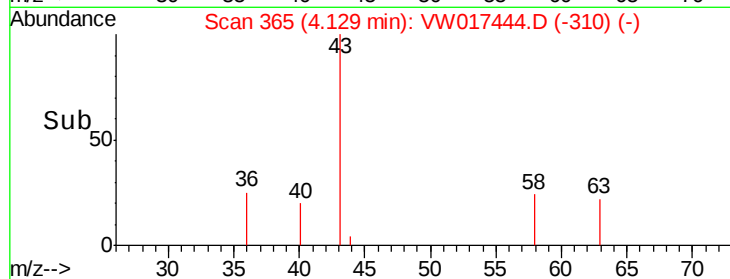
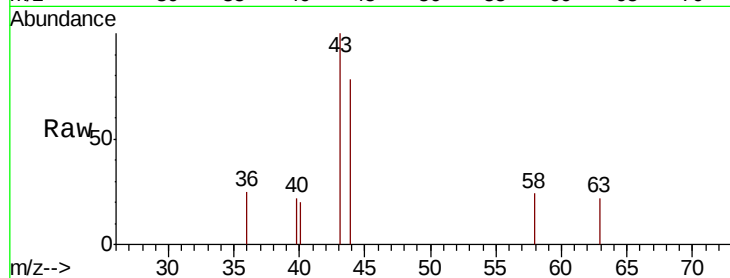
C0BC7

Tot Ion: 43 Resp: 742

Ion Ratio Lower Upper

43 100

58 12.4 0.0 67.0



#16

Methylene chloride

Concen: 2.389 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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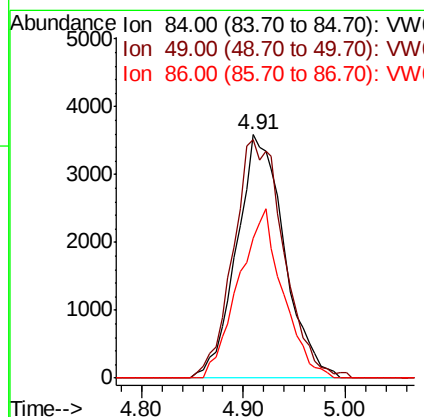
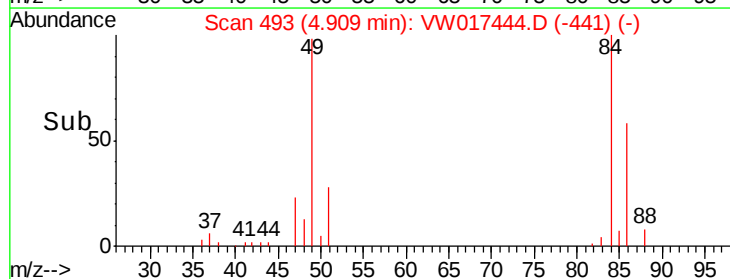
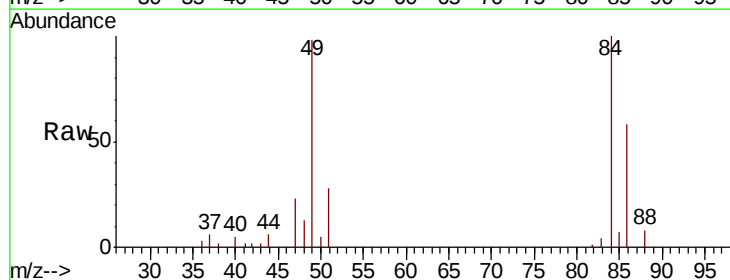
Tgt Ion: 84 Resp: 11672

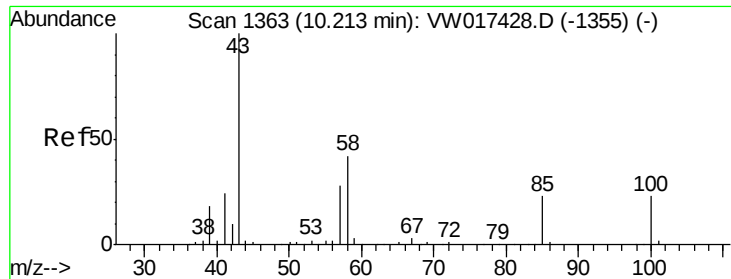
Ion Ratio Lower Upper

84 100

49 98.1 71.5 132.9

86 57.6 42.8 79.4





#43

4-Methyl-2-pentanone

Concen: 0.887 ug/L

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW017444.D

Acq: 21 Nov 2020 02:33

Instrument :

MSVOA_W

ClientSampleId :

C0BC7

Tot Ion: 43 Resp: 1574

Ion Ratio Lower Upper

43 100

58 41.0 33.4 50.2

100 22.9 16.3 24.5

