

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
 Data File : VW004444.D
 Acq On : 03 Aug 2018 13:08
 Operator : SY/AP
 Sample : J4299-03
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AE0

Quant Time: Aug 04 01:27:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 04 01:26:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	825990	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	871474	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	462464	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	330346	32.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	128.60%
7) Chloroethane-d5	2.89	69	254538	29.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.80%
10) 1,1-Dichloroethene-d2	4.01	63	462566	22.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.68%
20) 2-Butanone-d5	7.09	46	268414	59.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.50%
24) Chloroform-d	7.65	84	607324	27.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.64%
26) 1,2-Dichloroethane-d4	8.31	65	364429	29.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.92%
29) Benzene-d6	8.28	84	1190488	25.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.72%
33) 1,2-Dichloropropane-d6	9.28	67	386812	25.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.12%
37) Toluene-d8	10.33	98	1010436	24.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.88%
38) trans-1,3-Dichloropropene-	10.58	79	146820	23.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.24%
39) 2-Hexanone-d5	10.93	63	199112	53.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.96%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	446103	27.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	430041	24.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.04%

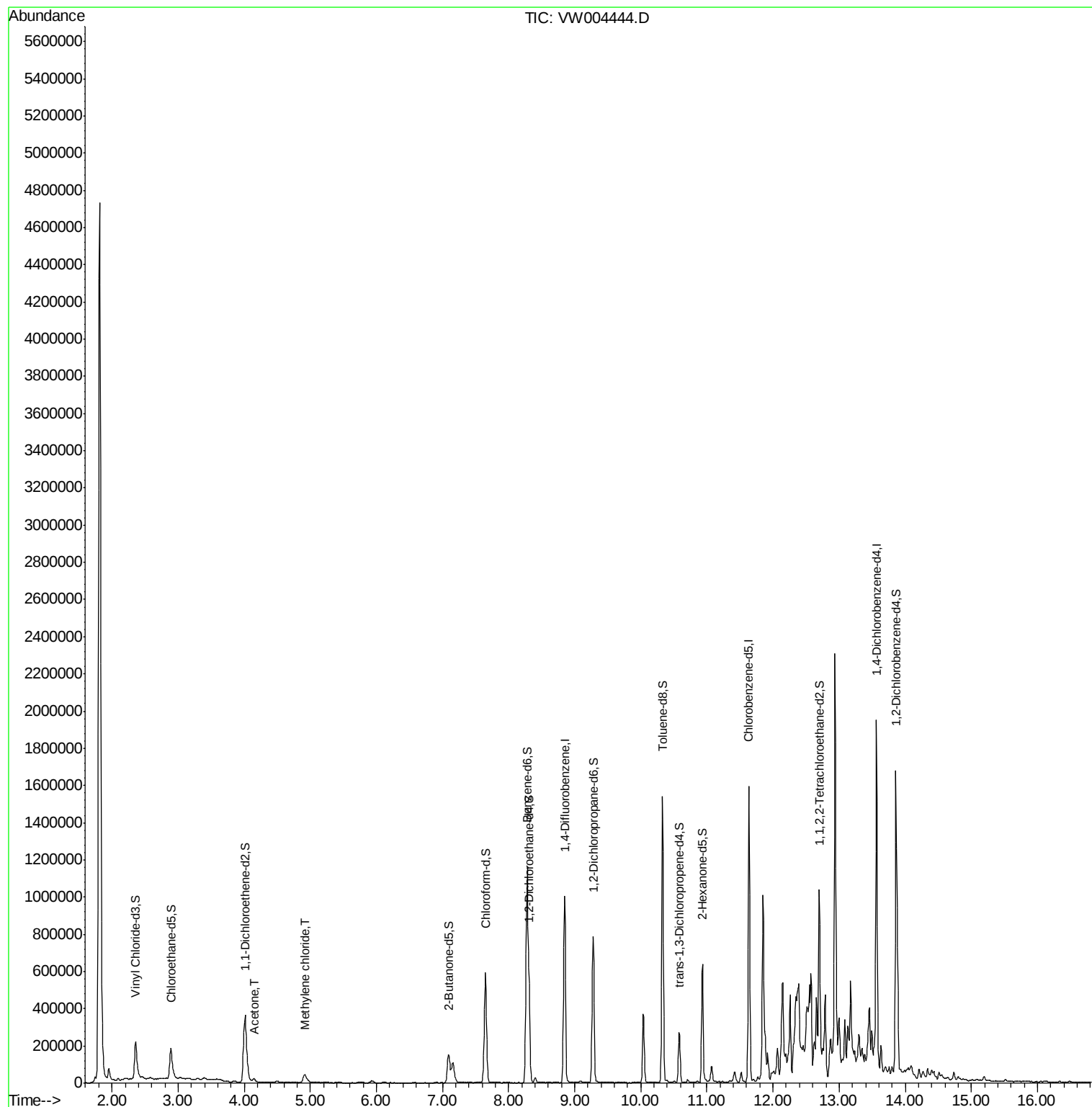
Target Compounds					Qvalue
13) Acetone	4.15	43	22027	5.612 ug/L	100
16) Methylene chloride	4.92	84	41153	2.508 ug/L	98

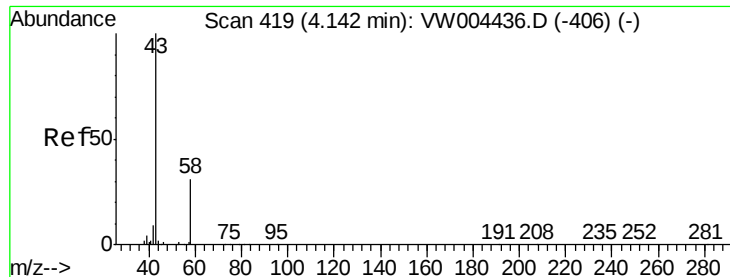
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.612 ug/L

RT: 4.15 min Scan# 420

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

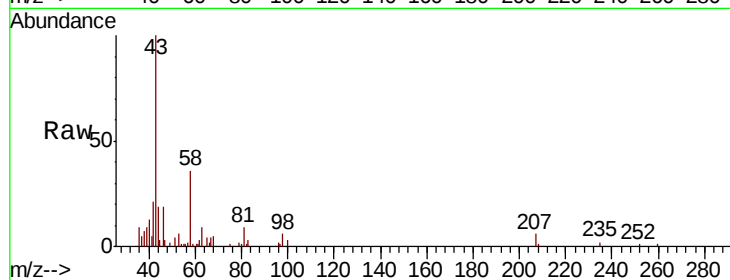
C0AE0

Tgt Ion: 43 Resp: 22027

Ion Ratio Lower Upper

43 100

58 33.4 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

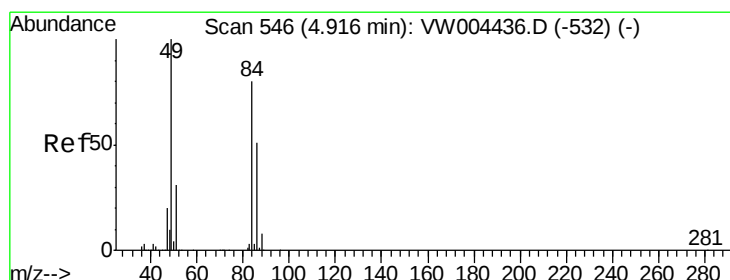
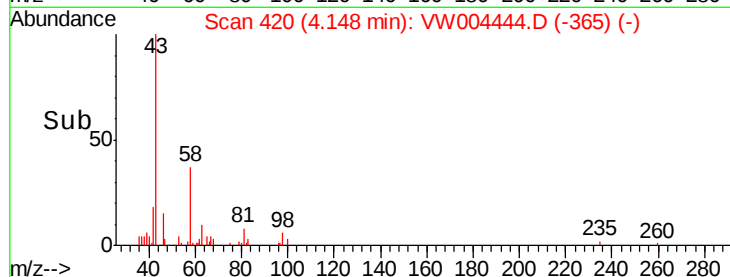
6000

4000

2000

0

Time--> 4.00 4.10 4.20



#16

Methylene chloride

Concen: 2.508 ug/L

RT: 4.92 min Scan# 546

Delta R.T. 0.00 min

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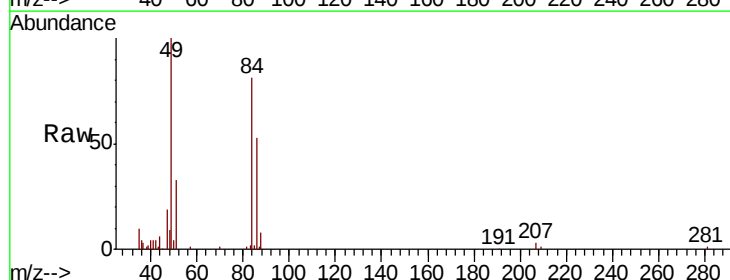
Tgt Ion: 84 Resp: 41153

Ion Ratio Lower Upper

84 100

49 123.9 86.0 159.6

86 65.6 43.5 80.9



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

4.92

15000

10000

5000

0

Time--> 4.80 4.90 5.00

