

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082818\
 Data File : VW004991.D
 Acq On : 28 Aug 2018 17:42
 Operator : SY/AP
 Sample : J4678-05
 Misc : 5.77G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E5FC4

Quant Time: Aug 29 15:31:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 29 04:23:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	617553	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	692001	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	328616	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	240468	20.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.40%
7) Chloroethane-d5	2.89	69	193636	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.48%
10) 1,1-Dichloroethene-d2	4.02	63	242215	16.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.00%
20) 2-Butanone-d5	7.09	46	112155	47.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.42%
24) Chloroform-d	7.65	84	296844	21.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	8.31	65	188513	25.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.20%
29) Benzene-d6	8.28	84	730700	20.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.12%
33) 1,2-Dichloropropane-d6	9.28	67	219478	20.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.96%
37) Toluene-d8	10.33	98	799784	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.84%
38) trans-1,3-Dichloropropene-	10.59	79	90942	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.84%
39) 2-Hexanone-d5	10.93	63	114047	44.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.04%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	237090	22.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.24%
61) 1,2-Dichlorobenzene-d4	13.87	152	339519	25.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.88%

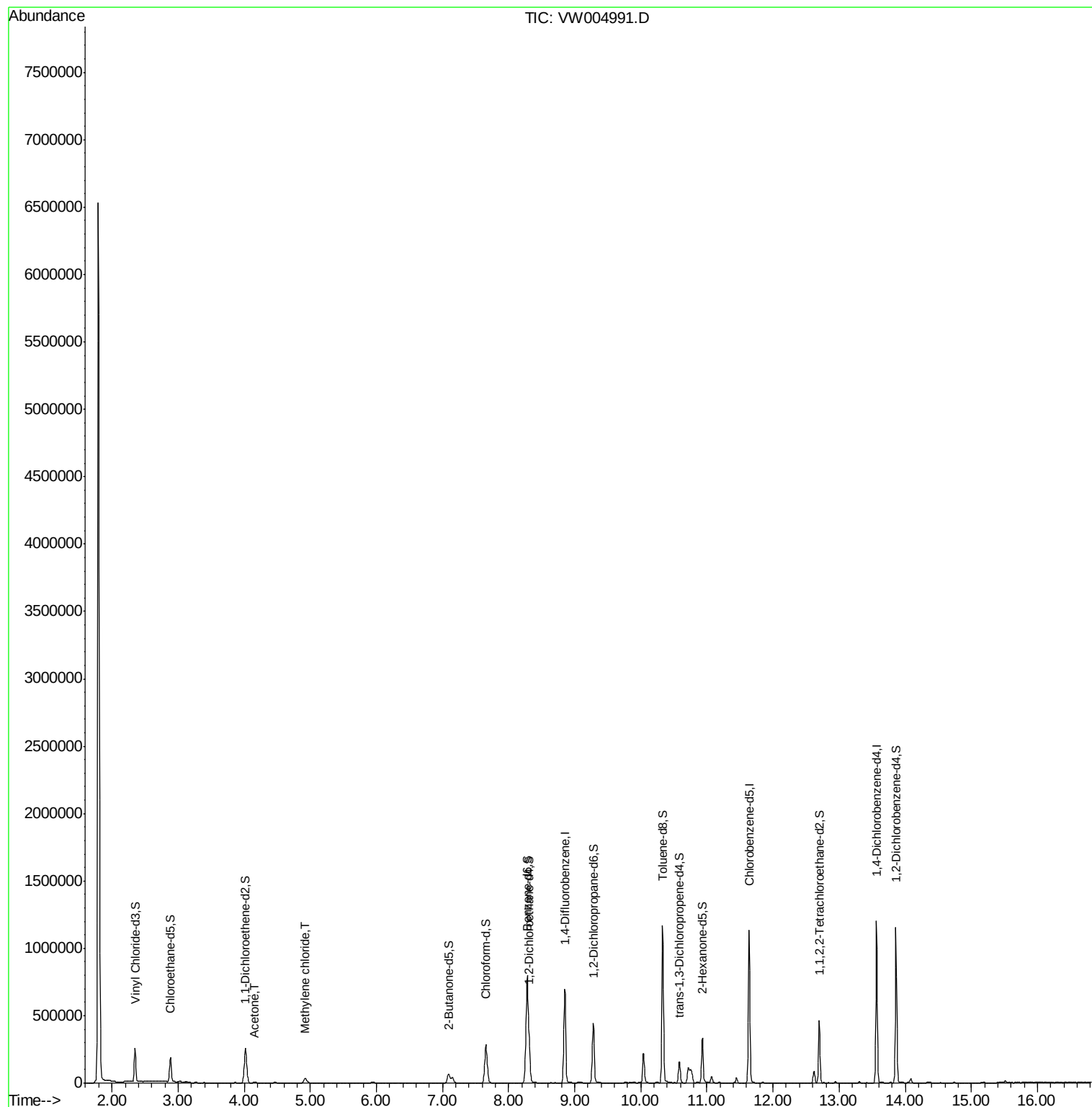
Target Compounds					Ovalue
13) Acetone	4.15	43	4952	2.69 ug/L	89
16) Methylene chloride	4.92	84	28017	2.34 ug/L	92

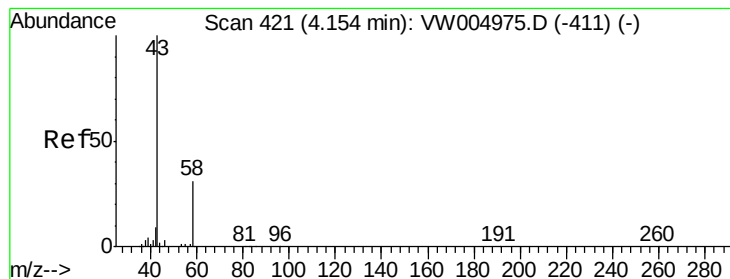
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.69 ug/L

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW004991.D

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Instrument :

MSVOA_W

ClientSampled :

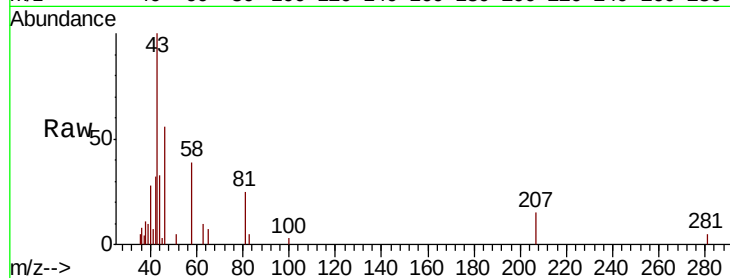
E5FC4

Tot Ion: 43 Resp: 4952

Ion Ratio Lower Upper

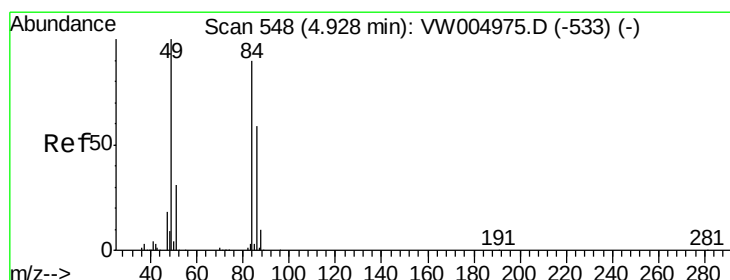
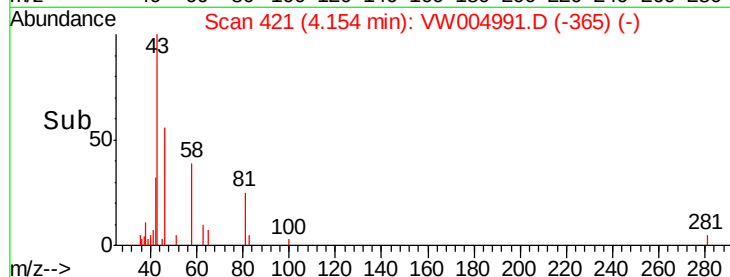
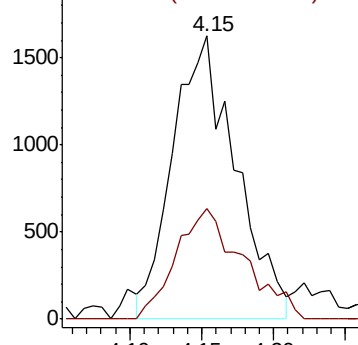
43 100

58 28.1 0.0 69.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.34 ug/L

RT: 4.92 min Scan# 547

Delta R.T. -0.00 min

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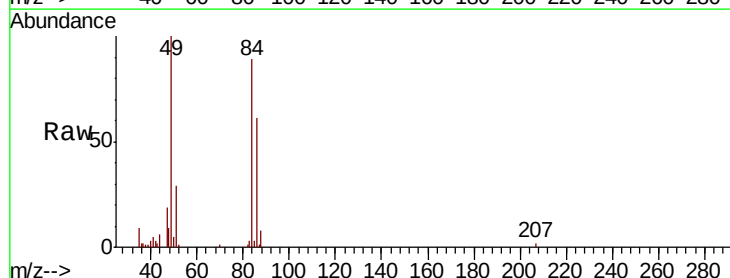
Tgt Ion: 84 Resp: 28017

Ion Ratio Lower Upper

84 100

49 112.9 83.8 155.6

86 69.0 42.6 79.0



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

