

Data File : VW004977.D
Acq On : 28 Aug 2018 11:29
Operator : SY/AP
Sample : J4628-11
Misc : 5.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB3F6

Quant Time: Aug 29 04:24:02 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	539259	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	559677	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	247791	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	210876	20.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.76%
7) Chloroethane-d5	2.89	69	169965	22.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.96%
10) 1,1-Dichloroethene-d2	4.02	63	215636	16.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.28%
20) 2-Butanone-d5	7.09	46	105123	50.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.36%
24) Chloroform-d	7.65	84	265792	22.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	8.31	65	163166	25.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.32%
29) Benzene-d6	8.28	84	621150	21.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.32%
33) 1,2-Dichloropropane-d6	9.28	67	186880	22.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.36%
37) Toluene-d8	10.33	98	654668	21.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.88%
38) trans-1,3-Dichloropropene-	10.59	79	78259	21.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.00%
39) 2-Hexanone-d5	10.93	63	100079	47.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.52%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	194552	22.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	234431	23.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.20%

Target Compounds

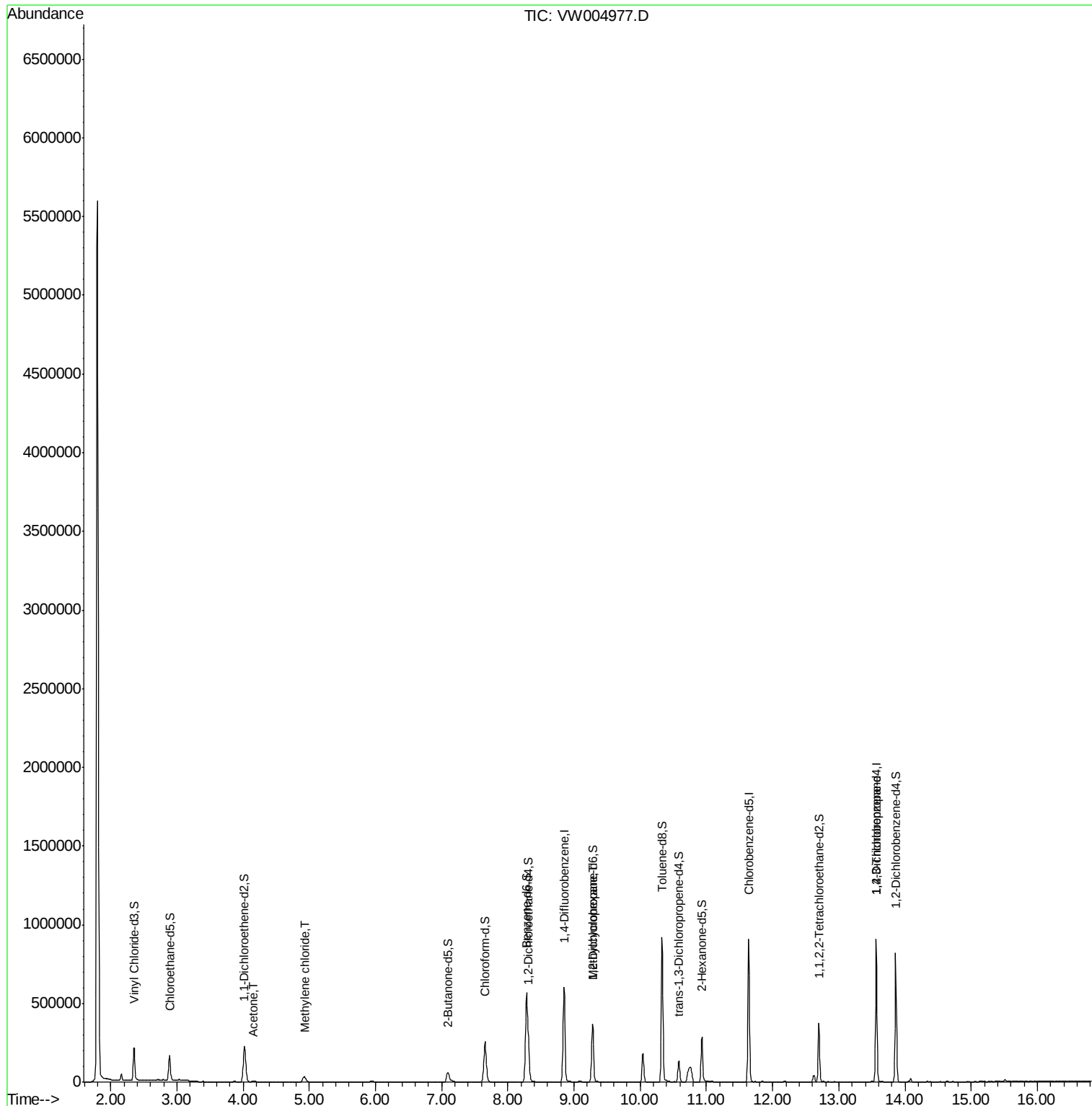
					Qvalue
13) Acetone	4.15	43	3506	2.182 ug/L	72
16) Methylene chloride	4.93	84	27765	2.655 ug/L	99
36) Methylcyclohexane	9.28	83	44469	3.030 ug/L #	20
59) 1,2,3-Trichloropropane	13.57	75	27061	4.022 ug/L	92

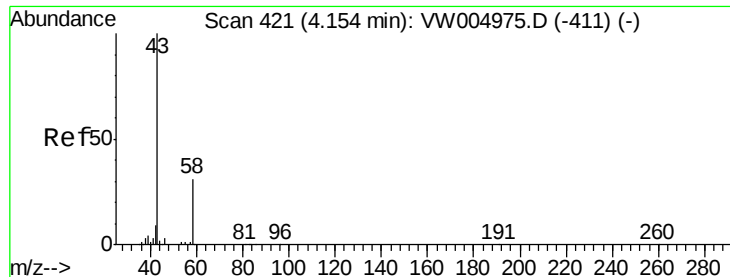
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.182 ug/L

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

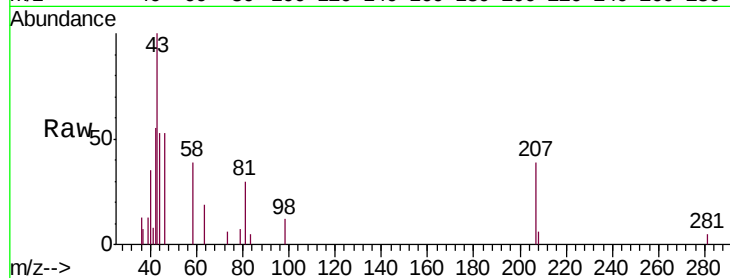
DB3F6

Tgt Ion: 43 Resp: 3506

Ion Ratio Lower Upper

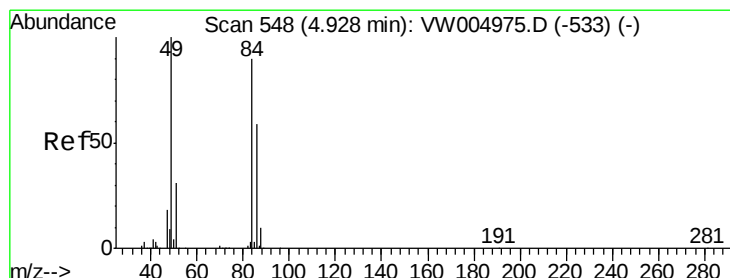
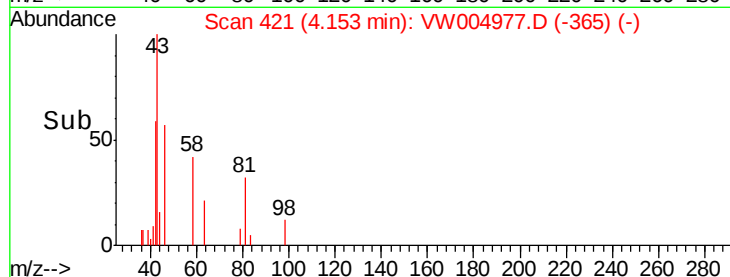
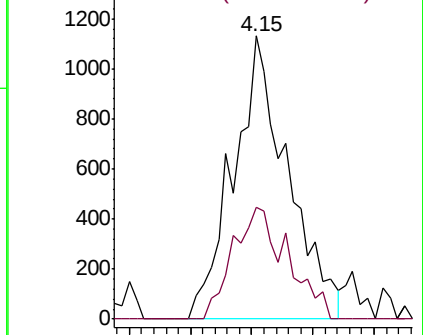
43 100

58 18.5 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: 2.655 ug/L

RT: 4.93 min Scan# 548

Delta R.T. 0.01 min

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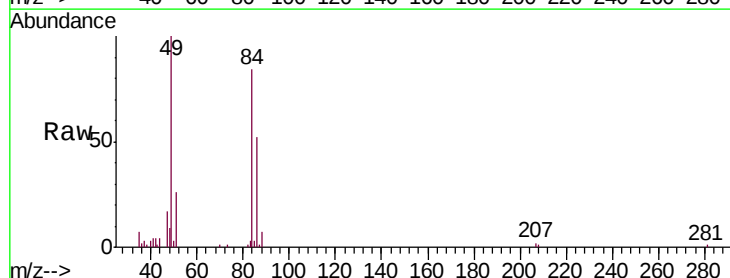
Tgt Ion: 84 Resp: 27765

Ion Ratio Lower Upper

84 100

49 118.8 83.8 155.6

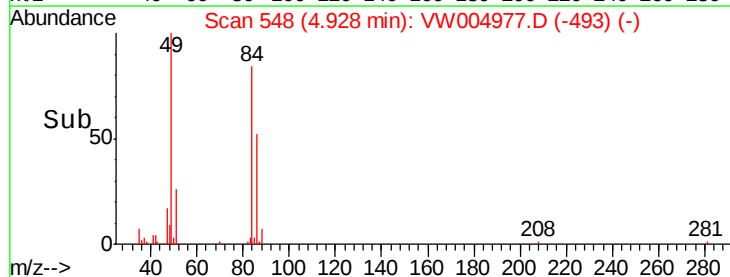
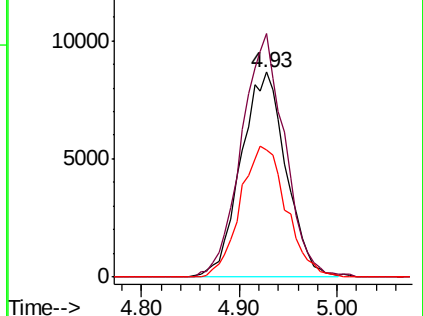
86 62.0 42.6 79.0

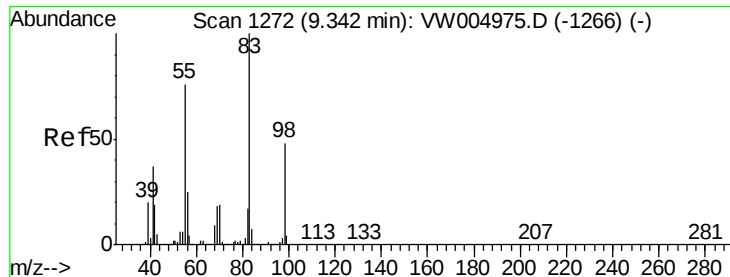


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

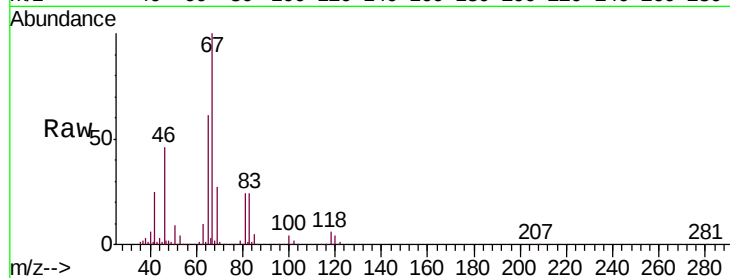




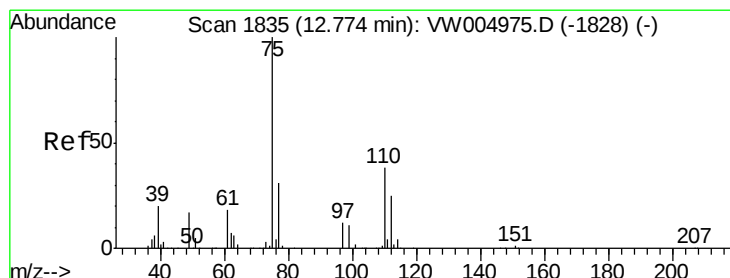
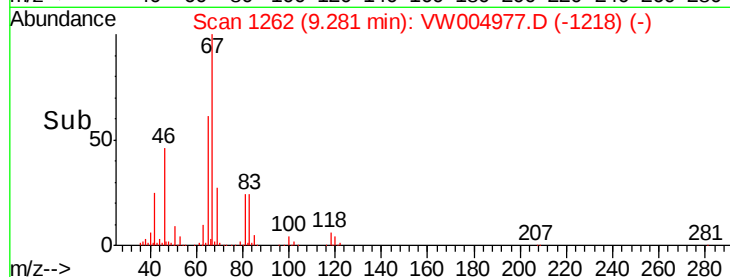
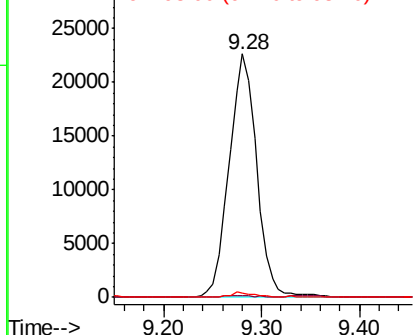
#36
Methylcyclohexane
Concen: 3.030 ug/L
RT: 9.28 min Scan# 1262
Delta R.T. -0.06 min
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Tgt Ion: 83 Resp: 44469
Ion Ratio Lower Upper
83 100
55 0.3 61.1 91.7#
98 1.8 37.0 55.4#

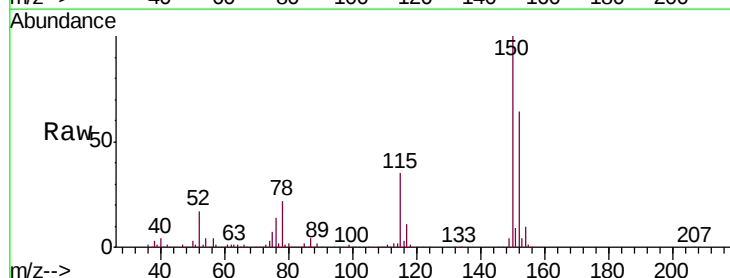


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW



#59
1,2,3-Trichloropropane
Concen: 4.022 ug/L
RT: 13.57 min Scan# 1965
Delta R.T. 0.79 min
Lab File: VW004977.D
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Tgt Ion: 75 Resp: 27061
Ion Ratio Lower Upper
75 100
77 35.8 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW

