

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082318\
 Data File : VW004921.D
 Acq On : 24 Aug 2018 02:49
 Operator : SY/AP
 Sample : J4628-15
 Misc : 6.68G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 24 07:20:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 07:12:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	314829	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	320963	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	111714	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	165822	27.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.48%
7) Chloroethane-d5	2.89	69	133660	30.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.20%
10) 1,1-Dichloroethene-d2	4.02	63	152852	20.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.48%
20) 2-Butanone-d5	7.09	46	57138	47.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.36%
24) Chloroform-d	7.65	84	218185	31.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	124.88%
26) 1,2-Dichloroethane-d4	8.31	65	124828	32.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	131.48%#
29) Benzene-d6	8.28	84	430240	26.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.24%
33) 1,2-Dichloropropane-d6	9.28	67	144686	29.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.32%
37) Toluene-d8	10.33	98	422054	24.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.52%
38) trans-1,3-Dichloropropene-	10.59	79	52911	25.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.40%
39) 2-Hexanone-d5	10.93	63	51133	42.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.10%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	129057	26.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	126574	28.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.84%

Target Compounds

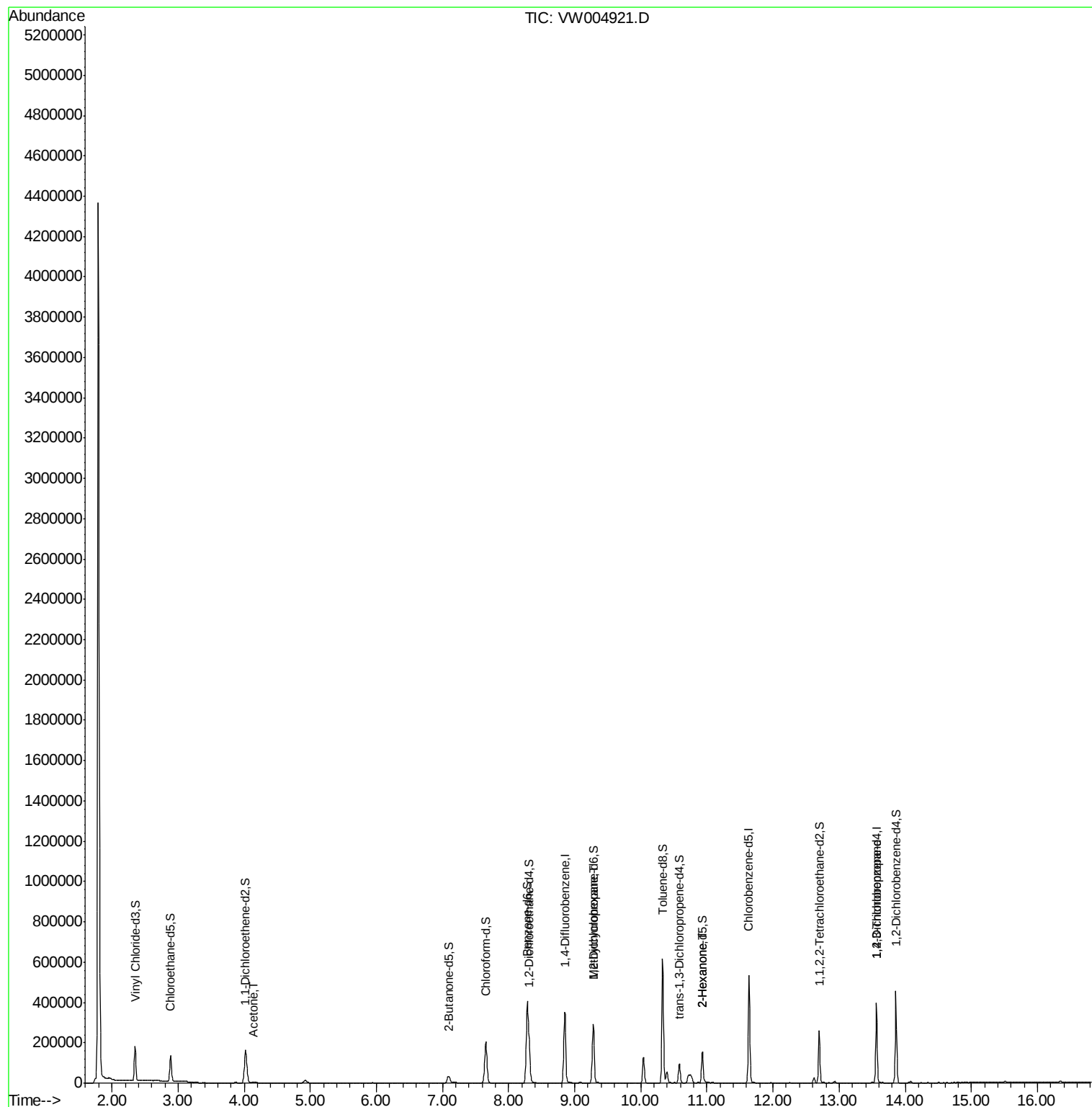
					Ovalue
13) Acetone	4.14	43	7182	7.656 ug/L	92
36) Methylcyclohexane	9.28	83	33297	3.956 ug/L #	20
49) 2-Hexanone	10.93	43	8083	3.147 ug/L #	71
59) 1,2,3-Trichloropropane	13.57	75	12243	3.173 ug/L	95

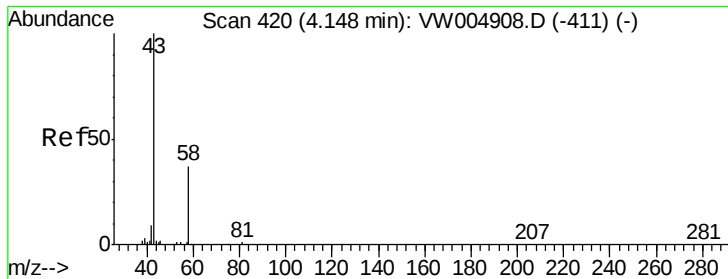
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.656 ug/L

RT: 4.14 min Scan# 419

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

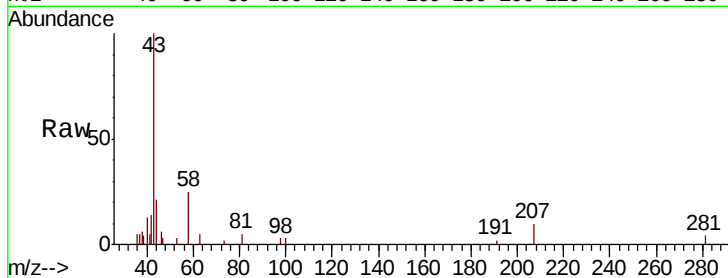
ClientSampled :

Tot Ion: 43 Resp: 7182

Ion Ratio Lower Upper

43 100

58 30.3 0.0 69.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

3000

2500

2000

1500

1000

500

0

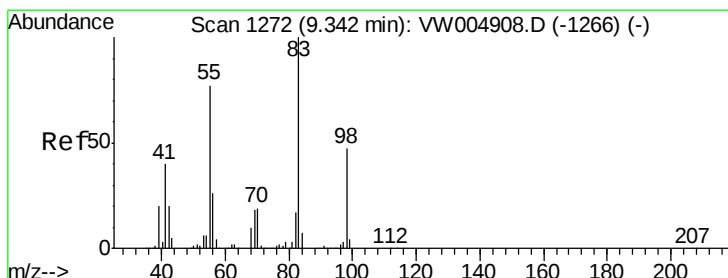
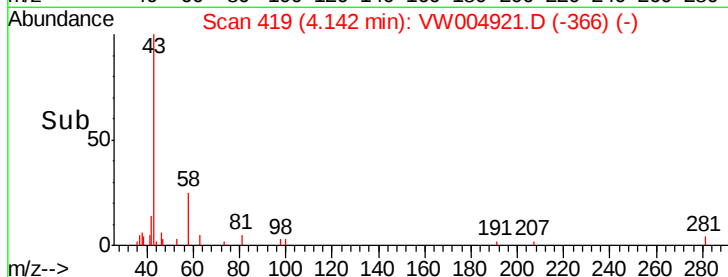
Time-->

4.05

4.10

4.15

4.20



#36

Methylcyclohexane

Concen: 3.956 ug/L

RT: 9.28 min Scan# 1262

Delta R.T. -0.06 min

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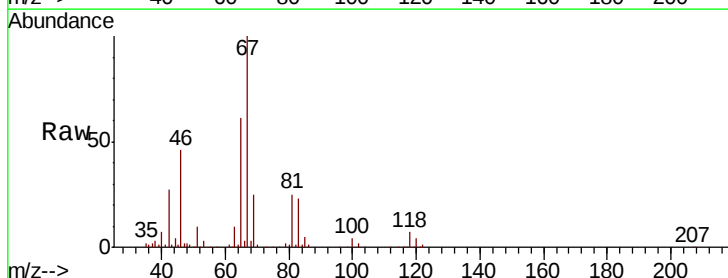
Tgt Ion: 83 Resp: 33297

Ion Ratio Lower Upper

83 100

55 0.7 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

20000

15000

10000

5000

0

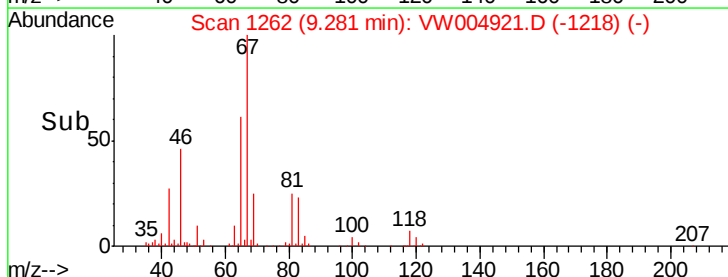
Time-->

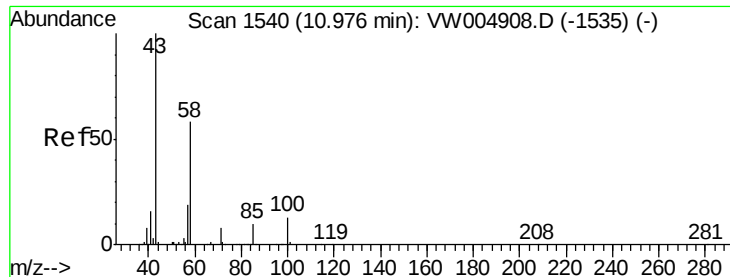
9.20

9.25

9.30

9.35





#49

2-Hexanone

Concen: 3.147 ug/L

RT: 10.93 min Scan# 1533

Delta R.T. -0.04 min

Lab File: VW004921.D

Acq: 24 Aug 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 8083

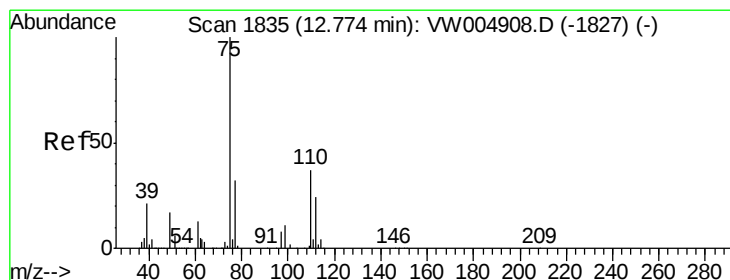
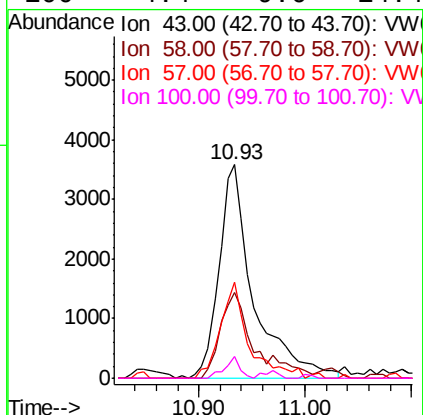
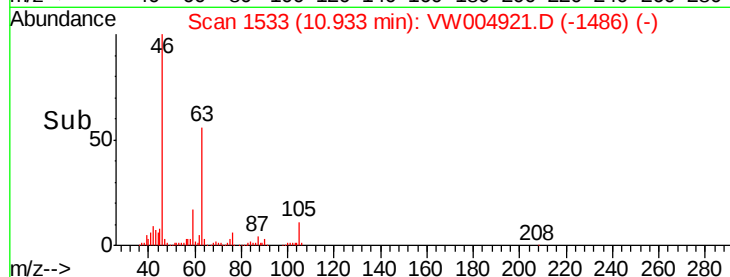
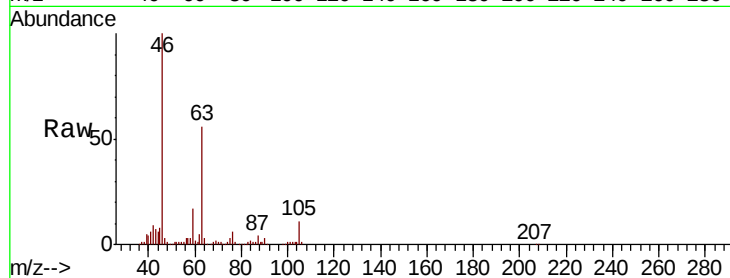
Ion Ratio Lower Upper

43 100

58 33.0 44.6 67.0#

57 32.0 15.4 23.2#

100 4.4 9.6 14.4#



#59

1,2,3-Trichloropropane

Concen: 3.173 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

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Tgt Ion: 75 Resp: 12243

Ion Ratio Lower Upper

75 100

77 34.2 25.3 37.9

