

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072018\
 Data File : VW004088.D
 Acq On : 20 Jul 2018 22:23
 Operator : SY/AP
 Sample : J4038-01
 Misc : 6.67G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 21 06:22:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 06:22:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	283803	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	268366	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	99369	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	54794	19.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.08%
7) Chloroethane-d5	2.89	69	42308	20.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.64%
10) 1,1-Dichloroethene-d2	4.00	63	99087	14.71	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.84%
20) 2-Butanone-d5	7.08	46	54789	33.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.56%
24) Chloroform-d	7.65	84	166742	24.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	8.31	65	104081	25.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.60%
29) Benzene-d6	8.28	84	281211	22.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.36%
33) 1,2-Dichloropropane-d6	9.27	67	105985	25.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.12%
37) Toluene-d8	10.33	98	234596	20.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.88%
38) trans-1,3-Dichloropropene-	10.59	79	35779	19.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.44%
39) 2-Hexanone-d5	10.93	63	36261	32.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.90%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	103885	22.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.36%
61) 1,2-Dichlorobenzene-d4	13.87	152	80447	25.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.72%

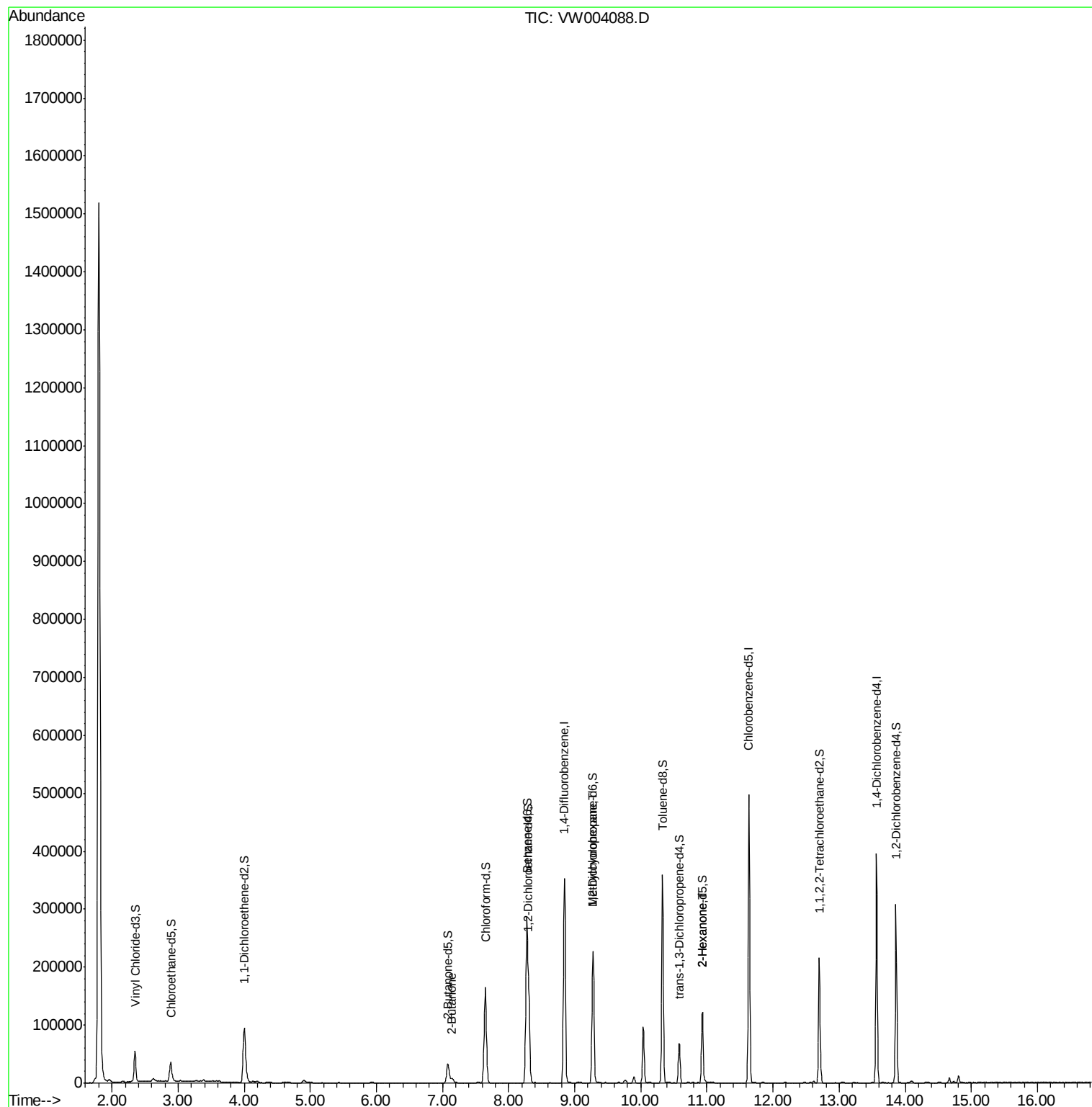
Target Compounds					Ovalue
21) 2-Butanone	7.14	43	5050	2.274 ug/L #	51
36) Methvlcvclohexane	9.27	83	24820	3.412 ug/L #	16
49) 2-Hexanone	10.93	43	8043	2.650 ug/L #	67

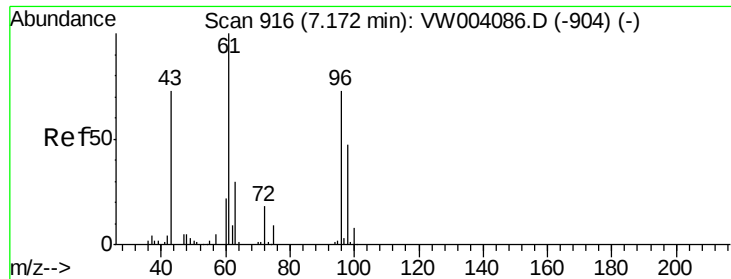
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 2.274 ug/L

RT: 7.14 min Scan# 911

Delta R.T. -0.03 min

Lab File: VW004088.D

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Instrument :

MSVOA_W

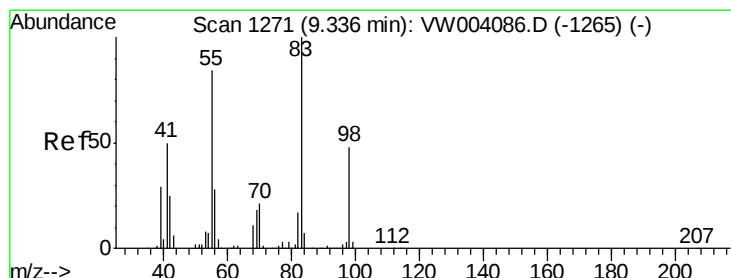
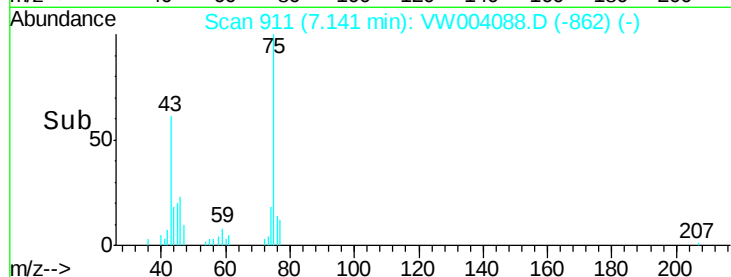
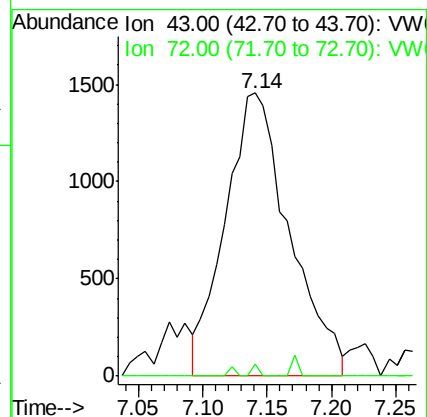
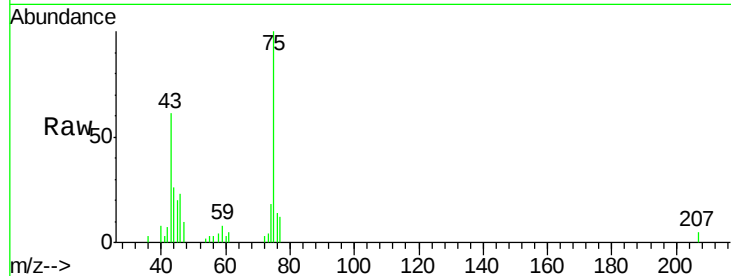
ClientSampled :

Tot Ion: 43 Resp: 5050

Ion Ratio Lower Upper

43 100

72 0.0 12.1 36.3#



#36

Methylcyclohexane

Concen: 3.412 ug/L

RT: 9.27 min Scan# 1261

Delta R.T. -0.06 min

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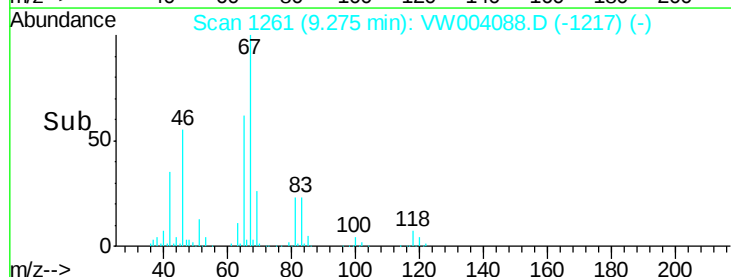
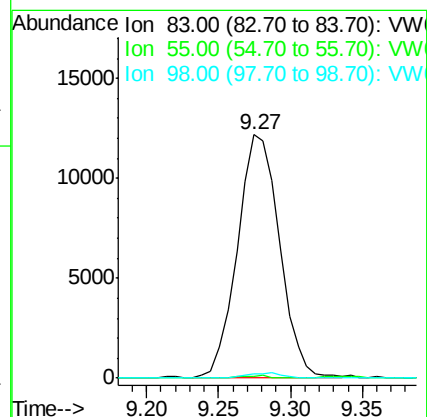
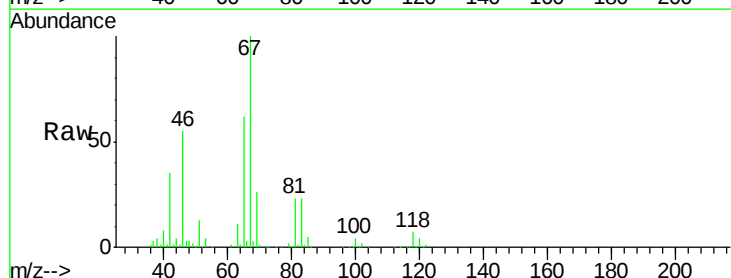
Tgt Ion: 83 Resp: 24820

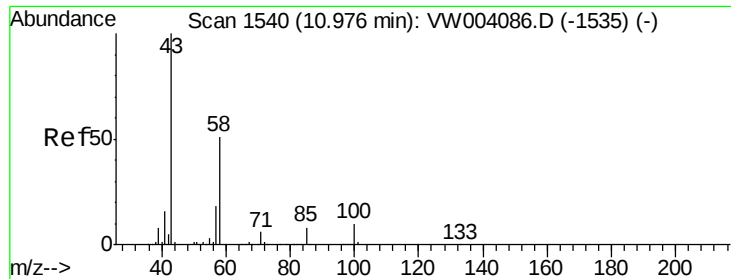
Ion Ratio Lower Upper

83 100

55 0.2 65.8 98.6#

98 0.0 37.0 55.6#





#49

2-Hexanone

Concen: 2.650 ug/L

RT: 10.93 min Scan# 1533

Delta R.T. -0.04 min

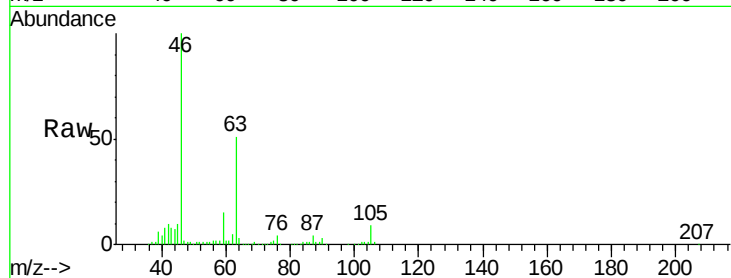
Lab File: VW004088.D

Acq: 20 Jul 2018 22:23

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion: 43 Resp: 8043

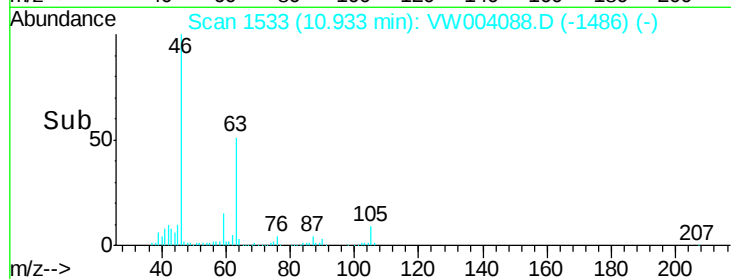
Ion Ratio Lower Upper

43 100

58 24.1 40.4 60.6#

57 27.9 14.0 21.0#

100 2.1 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

