

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111519\
 Data File : VW014036.D
 Acq On : 15 Nov 2019 13:09
 Operator : SY/VA
 Sample : K5811-06
 Misc : 3.61G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 16 04:08:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 16 04:05:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	327969	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	303059	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	146016	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	114976	21.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.88%
7) Chloroethane-d5	2.89	69	100807	23.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.04%
10) 1,1-Dichloroethene-d2	4.01	63	185293	17.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.00%
20) 2-Butanone-d5	7.07	46	85228	56.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.14%
24) Chloroform-d	7.65	84	259790	25.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.04%
26) 1,2-Dichloroethane-d4	8.31	65	143863	28.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.52%
29) Benzene-d6	8.27	84	549811	25.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.28%
33) 1,2-Dichloropropane-d6	9.27	67	167789	26.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.56%
37) Toluene-d8	10.32	98	494877	24.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.08%
38) trans-1,3-Dichloropropene-	10.57	79	69355	25.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.84%
39) 2-Hexanone-d5	10.92	63	65494	54.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129249	27.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	144725	24.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.68%

Target Compounds

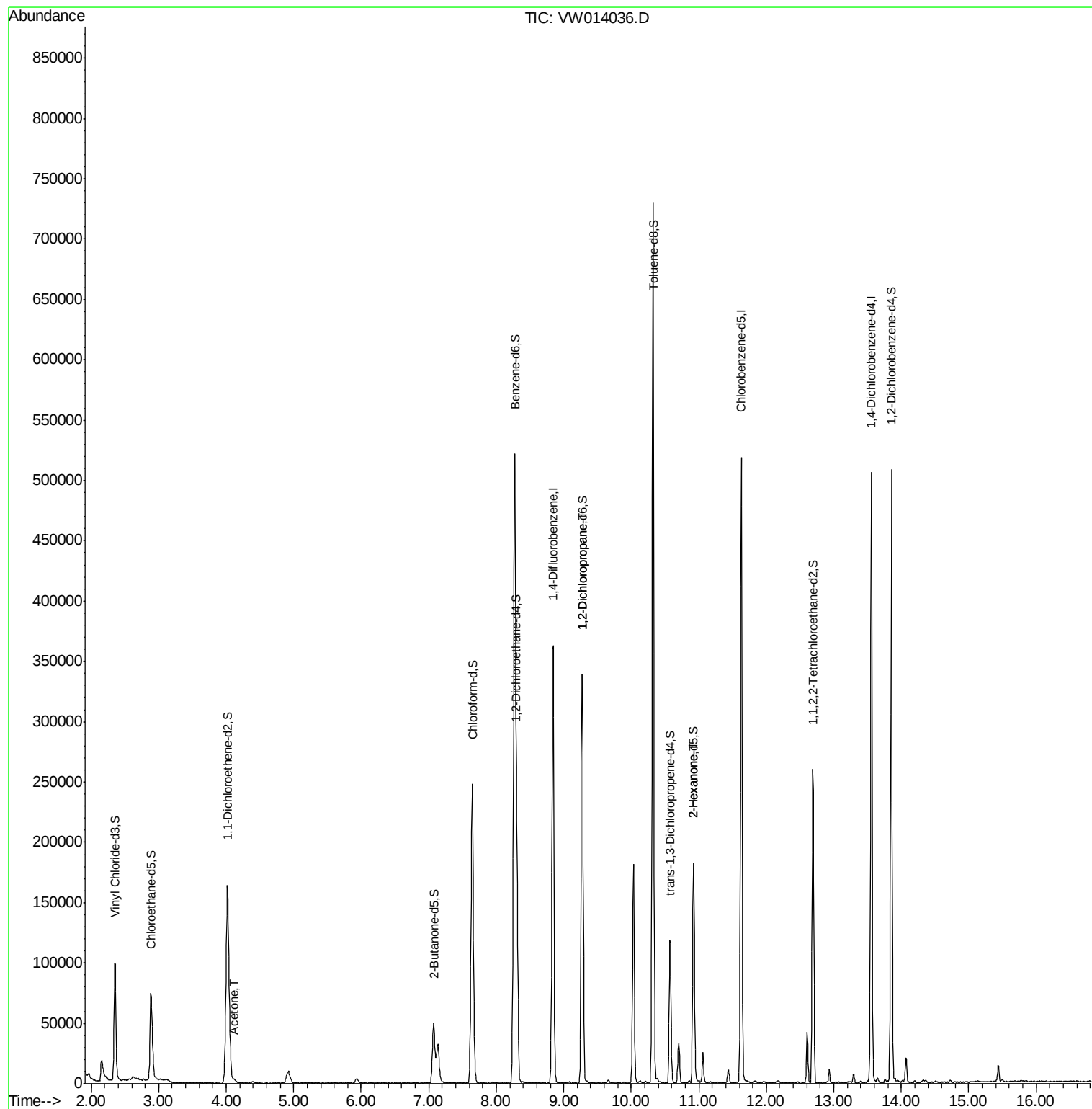
					Ovalue
13) Acetone	4.12	43	4350	2.812 ug/L	98
40) 1,2-Dichloropropane	9.27	63	17157	3.206 ug/L #	85
49) 2-Hexanone	10.93	43	7196	2.825 ug/L #	64

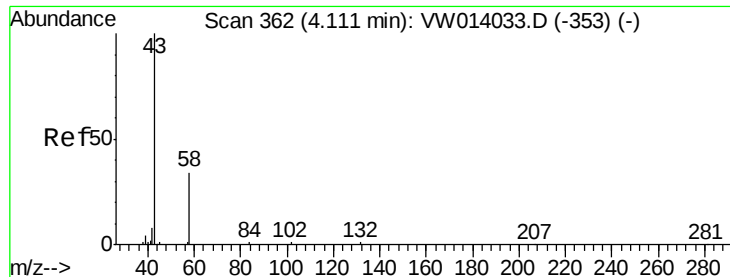
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 16 04:05:25 2019
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#13

Acetone

Concen: 2.812 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014036.D

Acq: 15 Nov 2019 13:09

Instrument :

MSVOA_W

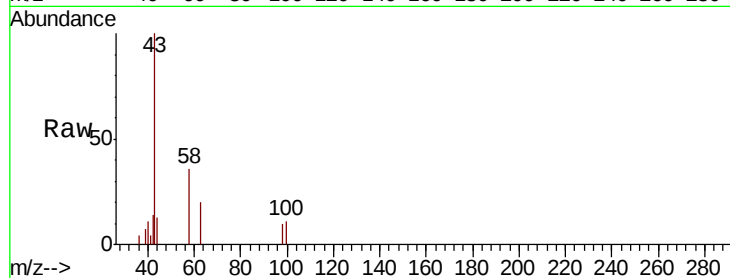
ClientSampleId :

Tot Ion: 43 Resp: 4350

Ion Ratio Lower Upper

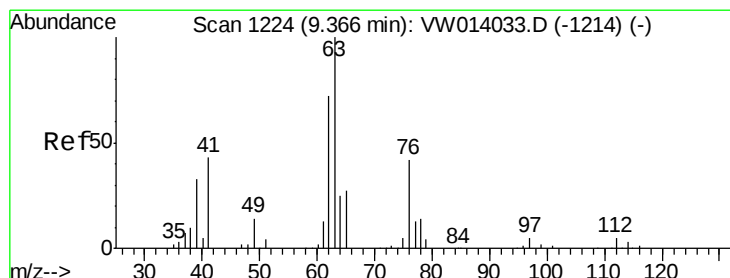
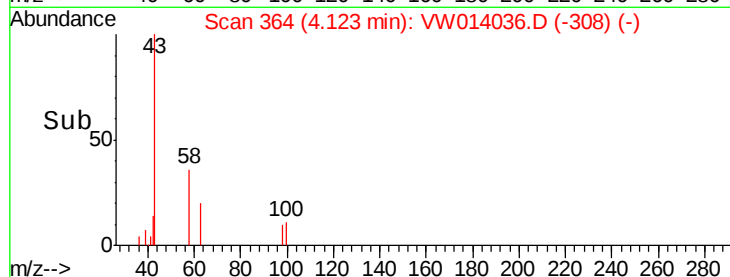
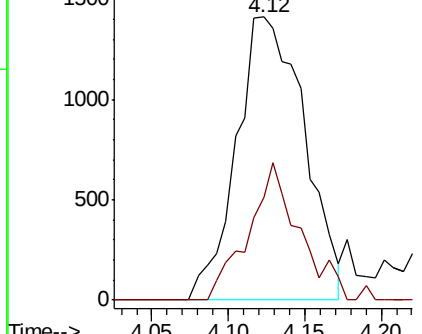
43 100

58 33.6 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#40

1,2-Dichloropropane

Concen: 3.206 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

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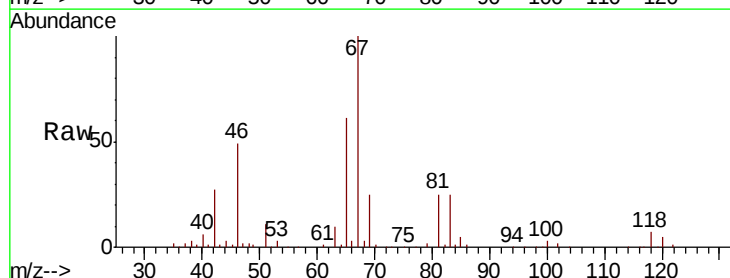
Acq: 15 Nov 2019 13:09

Tgt Ion: 63 Resp: 17157

Ion Ratio Lower Upper

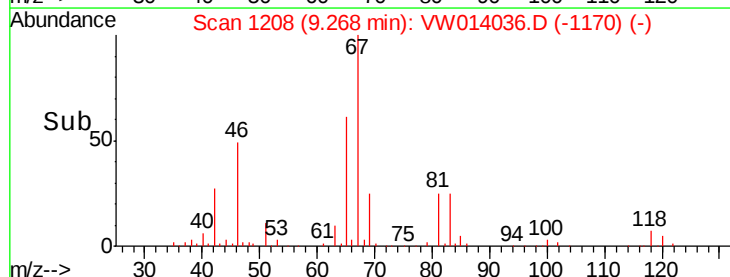
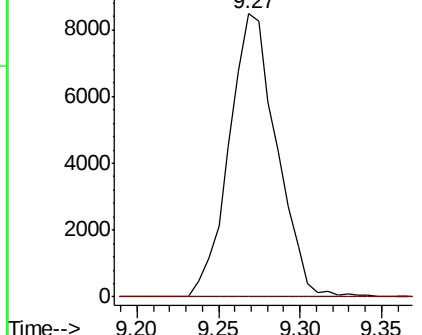
63 100

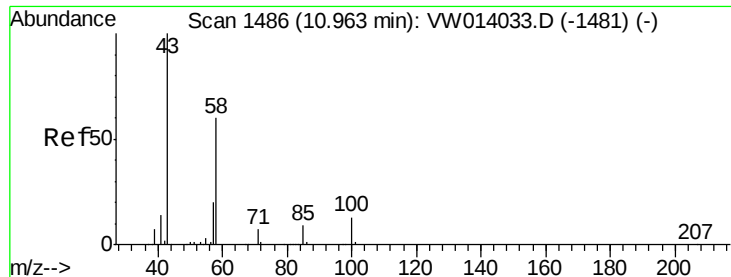
112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#49

2-Hexanone

Concen: 2.825 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

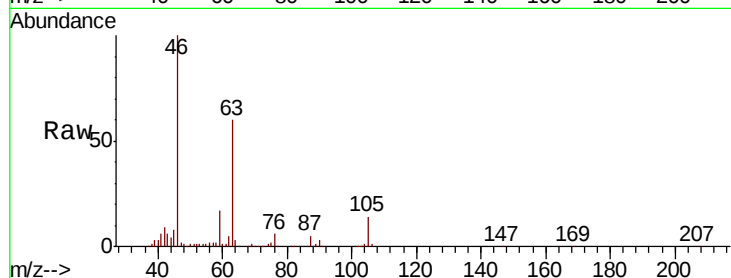
Lab File: VW014036.D

Acq: 15 Nov 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion: 43 Resp: 7196

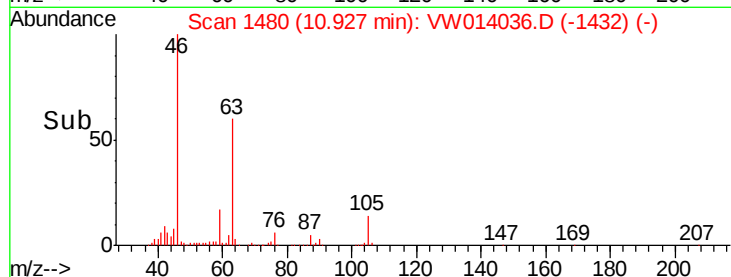
Ion Ratio Lower Upper

43 100

58 24.6 44.4 66.6#

57 29.8 16.5 24.7#

100 1.0 11.1 16.7#



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

