

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121119\
 Data File : VW014309.D
 Acq On : 11 Dec 2019 17:40
 Operator : SY/VA
 Sample : K6172-14RE
 Misc : 5.56G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 05:00:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 12 04:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1089165	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	797433	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	179969	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	373461	22.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.56%
7) Chloroethane-d5	2.89	69	298008	24.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.20%
10) 1,1-Dichloroethene-d2	4.21	63	169	0.01	ug/L	0.20
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.04%#
20) 2-Butanone-d5	7.07	46	175106	40.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.48%
24) Chloroform-d	7.65	84	698726	25.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	8.30	65	340380	23.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.64%
29) Benzene-d6	8.27	84	1431987	30.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.56%
33) 1,2-Dichloropropane-d6	9.27	67	463965	32.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.08%#
37) Toluene-d8	10.32	98	1122289	26.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.24%
38) trans-1,3-Dichloropropene-	10.57	79	107141	17.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.04%
39) 2-Hexanone-d5	10.92	63	123097	43.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	304517	25.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	238373	34.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	138.64%#

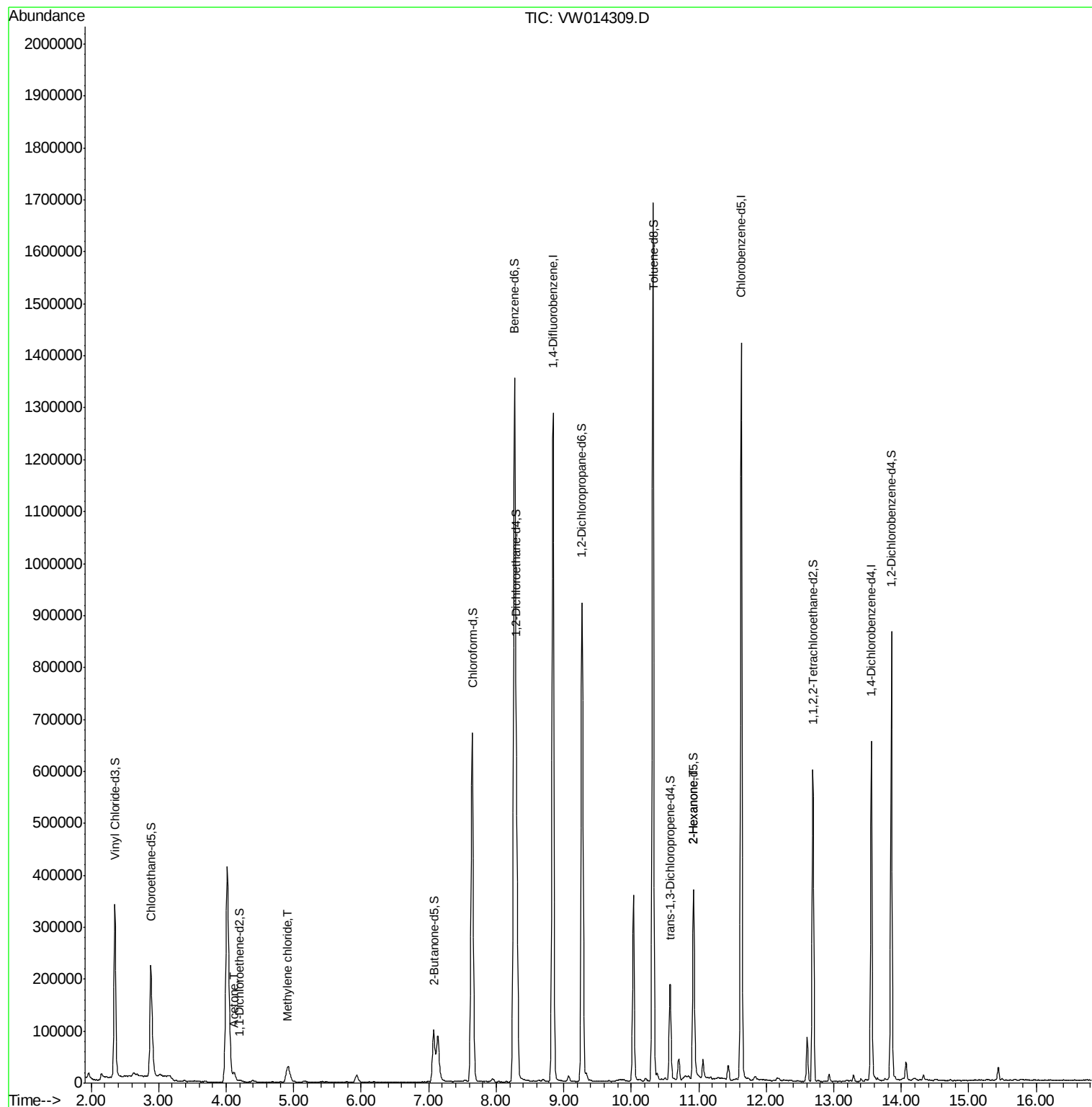
Target Compounds					Ovalue
13) Acetone	4.12	43	26777	6.462 ug/L	96
16) Methylene chloride	4.91	84	28014	1.678 ug/L	87
49) 2-Hexanone	10.92	43	17323	2.845 ug/L #	68

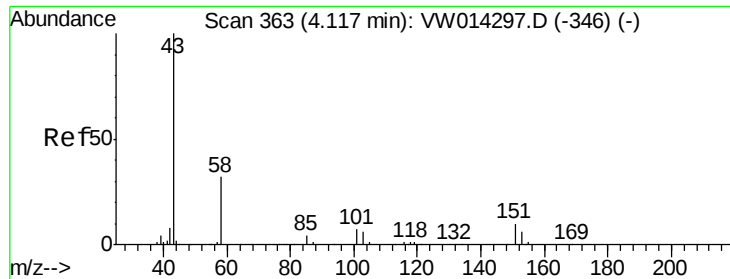
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.462 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014309.D

Acq: 11 Dec 2019 17:40

Instrument :

MSVOA_W

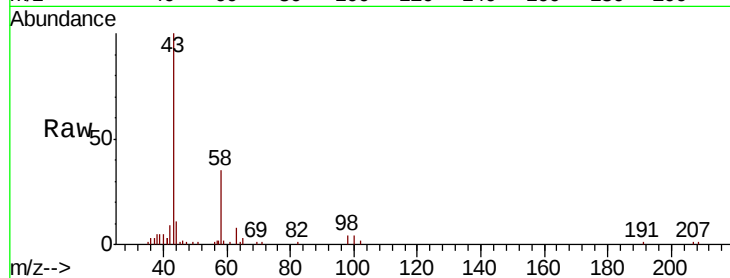
ClientSampleId :

Tot Ion: 43 Resp: 26777

Ion Ratio Lower Upper

43 100

58 35.0 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

10000

8000

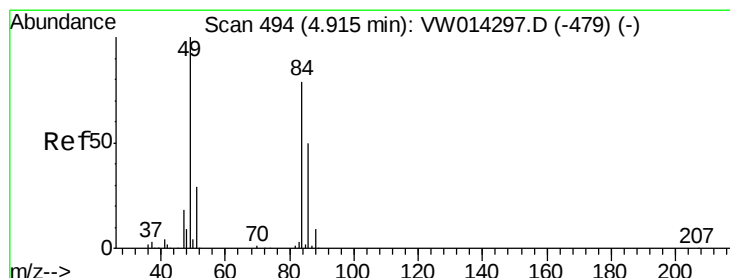
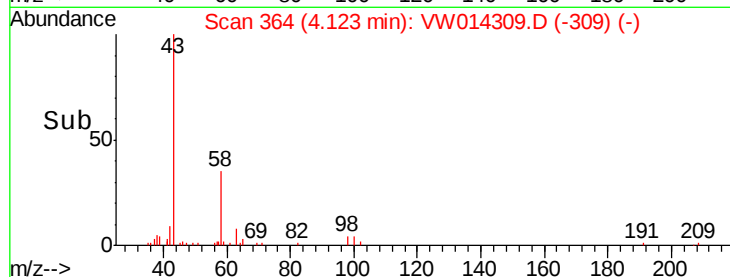
6000

4000

2000

0

Time--> 4.00 4.10 4.20



#16

Methylene chloride

Concen: 1.678 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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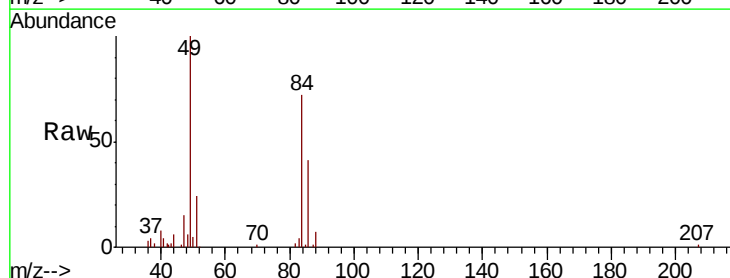
Tgt Ion: 84 Resp: 28014

Ion Ratio Lower Upper

84 100

49 139.3 84.2 156.4

86 57.4 43.7 81.1



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

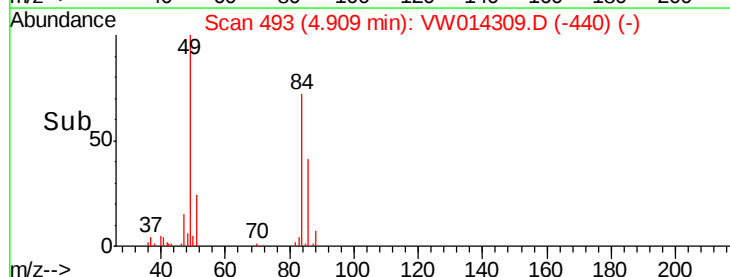
4.91

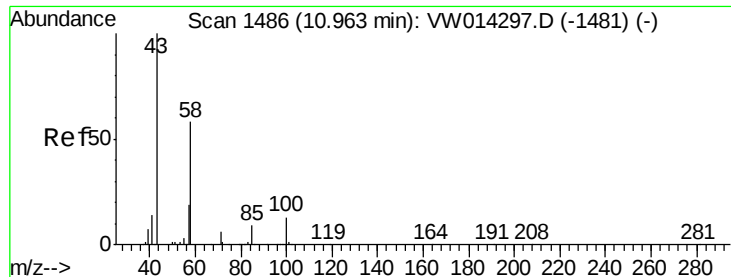
10000

5000

0

Time--> 4.80 4.90 5.00





#49

2-Hexanone

Concen: 2.845 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014309.D

Acq: 11 Dec 2019 17:40

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 17323

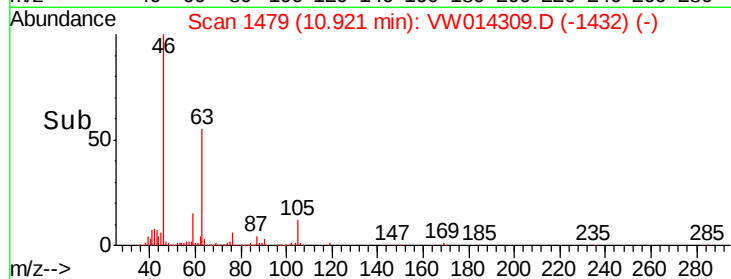
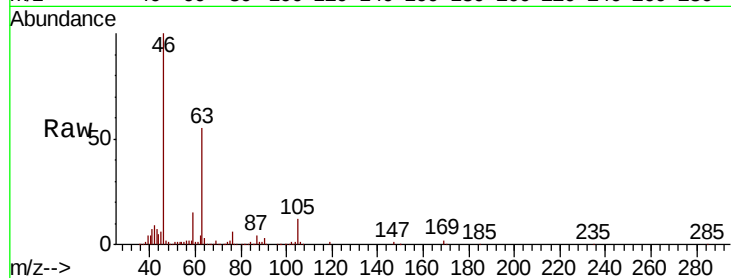
Ion Ratio Lower Upper

43 100

58 27.6 44.4 66.6#

57 29.6 16.5 24.7#

100 2.4 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

