

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121119\
 Data File : VW014305.D
 Acq On : 11 Dec 2019 15:54
 Operator : SY/VA
 Sample : K6236-06
 Misc : 5.23G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 05:00:03 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	1185506	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1079334	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	471684	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	449314	25.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.12%
7) Chloroethane-d5	2.89	69	355522	26.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.56%
10) 1,1-Dichloroethene-d2	4.01	63	634591	20.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.04%
20) 2-Butanone-d5	7.07	46	210482	44.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.98%
24) Chloroform-d	7.64	84	827681	27.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.68%
26) 1,2-Dichloroethane-d4	8.48	65	225	0.01	ug/L	0.18
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	1728402	27.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.28%
33) 1,2-Dichloropropane-d6	9.27	67	535555	27.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.08%
37) Toluene-d8	10.32	98	1547589	27.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.24%
38) trans-1,3-Dichloropropene-	10.57	79	201360	24.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.64%
39) 2-Hexanone-d5	10.92	63	164515	42.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	373144	23.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	500480	27.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.08%

Target Compounds

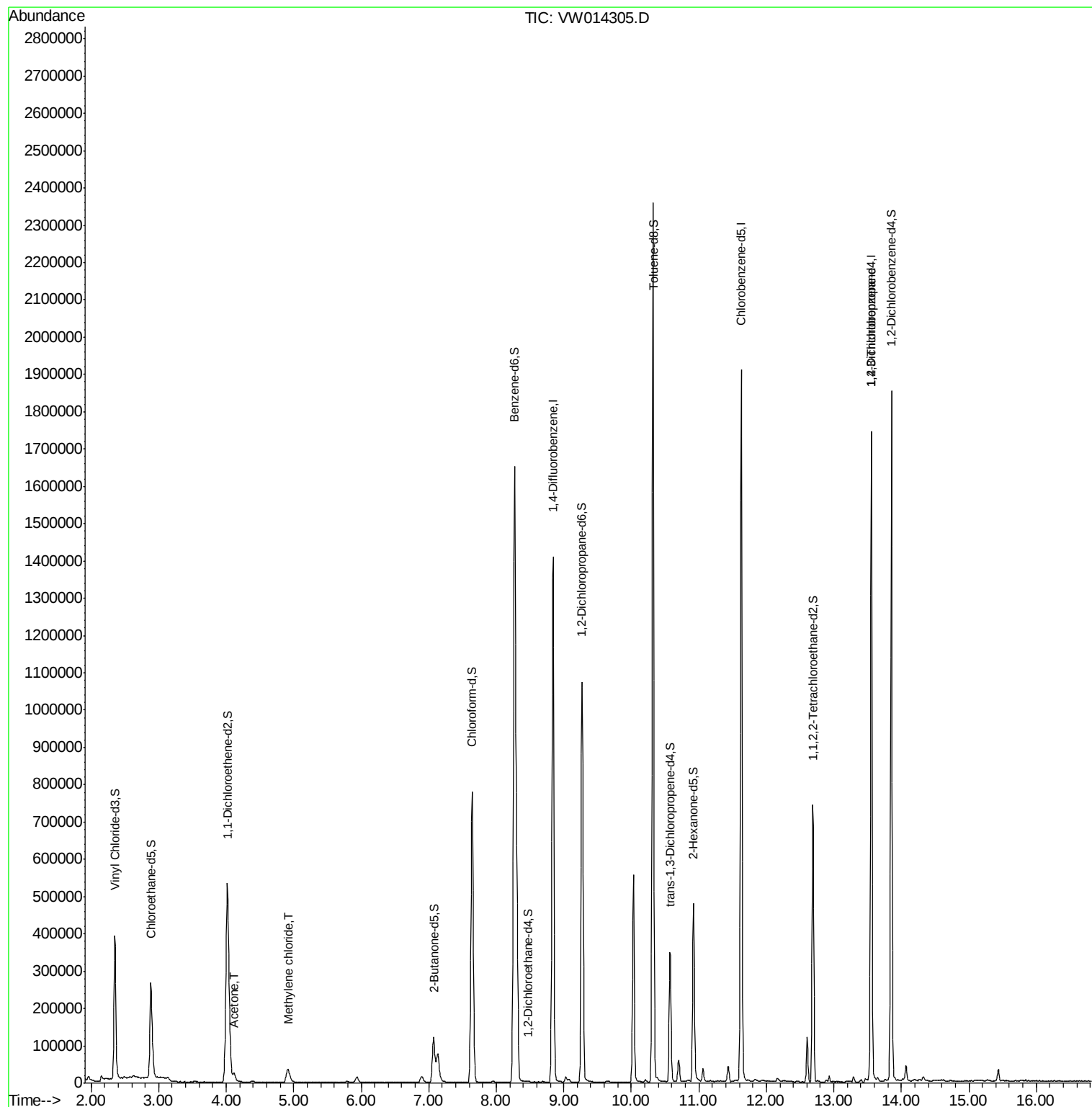
					Ovalue
13) Acetone	4.12	43	33108	7.340	ug/L 100
16) Methylene chloride	4.91	84	31770	1.748	ug/L 91
59) 1,2,3-Trichloropropane	13.55	75	54419	4.485	ug/L 93

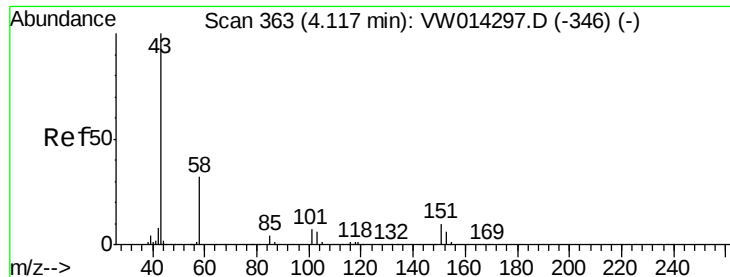
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.340 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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Acq: 11 Dec 2019 15:54

Instrument :

MSVOA_W

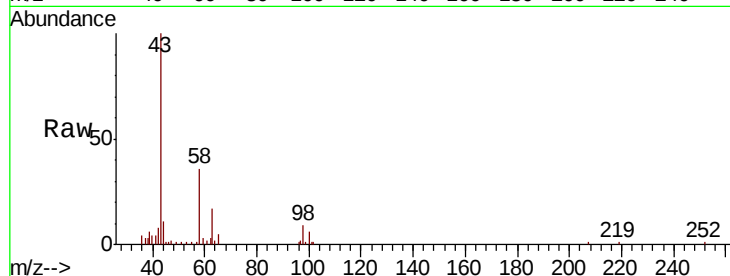
ClientSampleId :

Tot Ion: 43 Resp: 33108

Ion Ratio Lower Upper

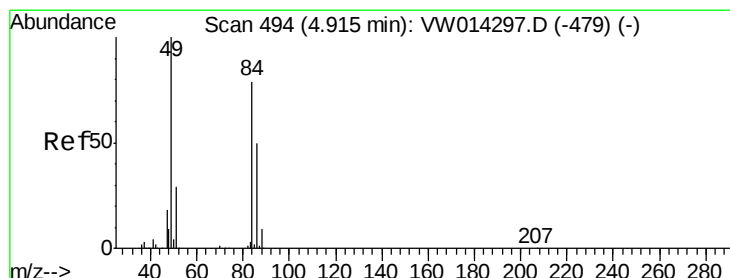
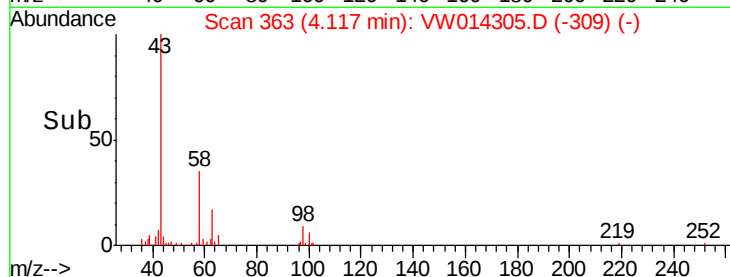
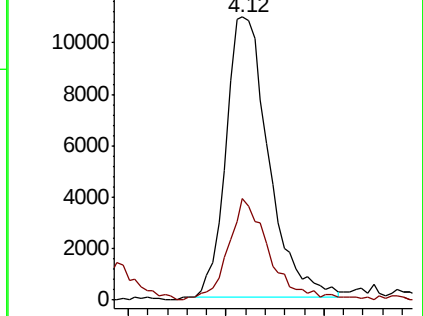
43 100

58 32.4 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.748 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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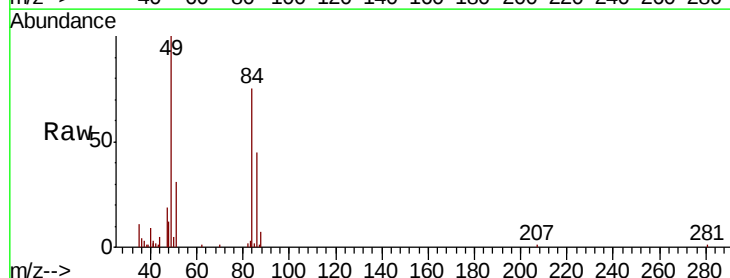
Tgt Ion: 84 Resp: 31770

Ion Ratio Lower Upper

84 100

49 133.9 84.2 156.4

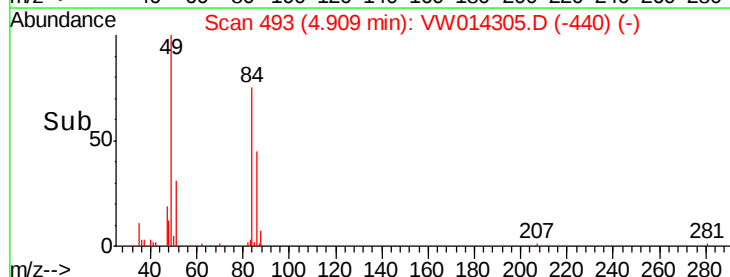
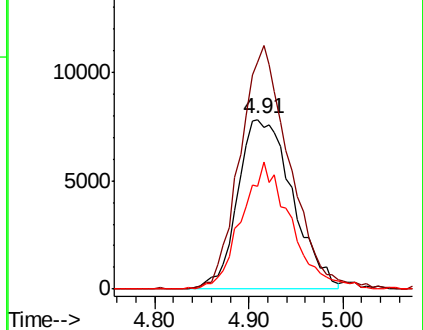
86 60.9 43.7 81.1

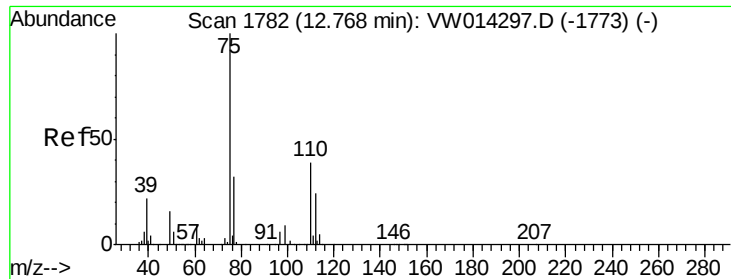


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#59

1,2,3-Trichloropropane

Concen: 4.485 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 54419

Ion Ratio Lower Upper

75 100

77 36.3 25.9 38.9

