

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121619\
 Data File : VW014376.D
 Acq On : 16 Dec 2019 18:27
 Operator : SY/VA
 Sample : K6277-12
 Misc : 4.44G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0C72

Quant Time: Dec 17 08:15:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 17 07:27:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	865570	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	636969	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	156669	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	275752	21.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.16%
7) Chloroethane-d5	2.89	69	240914	24.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.88%
10) 1,1-Dichloroethene-d2	4.01	63	375794	16.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.92%
20) 2-Butanone-d5	7.07	46	142077	41.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.20%
24) Chloroform-d	7.65	84	595196	27.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.04%
26) 1,2-Dichloroethane-d4	8.31	65	296757m	25.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.72%
29) Benzene-d6	8.27	84	1170493	31.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	125.40%
33) 1,2-Dichloropropane-d6	9.27	67	389408	33.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	135.60%#
37) Toluene-d8	10.32	98	901901	26.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.88%
38) trans-1,3-Dichloropropene-	10.58	79	98847	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.04%
39) 2-Hexanone-d5	10.92	63	103896	45.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	251584	26.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	182933	30.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	122.24%#

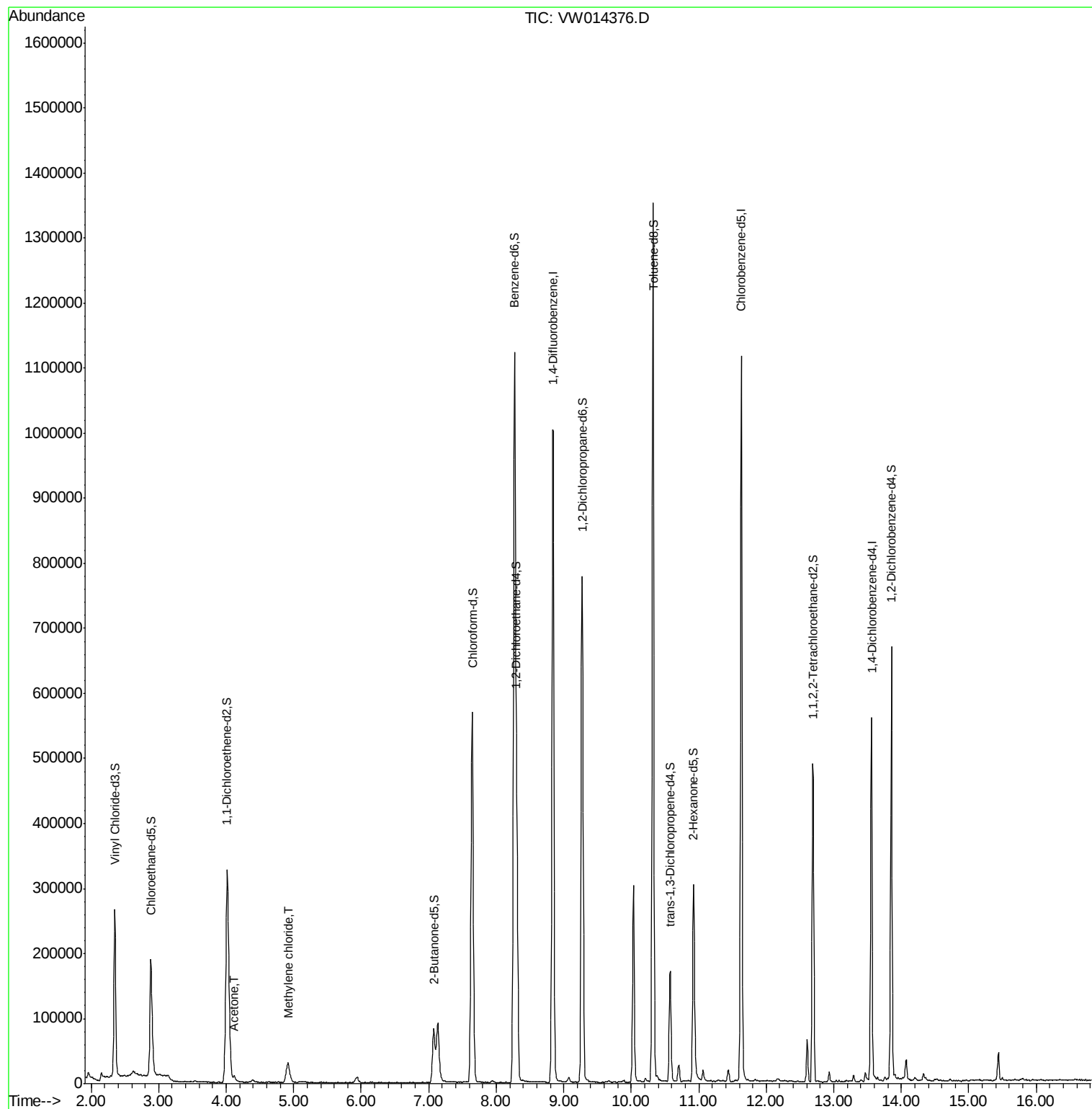
Target Compounds					Ovalue
13) Acetone	4.12	43	11969m	3.635 ug/L	
16) Methylene chloride	4.92	84	26035	1.962 ug/L	89

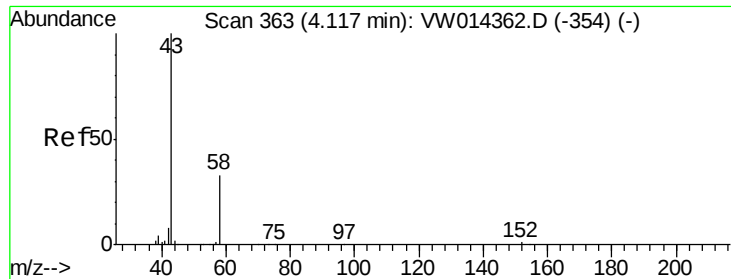
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.635 ug/L m

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW014376.D

Acq: 16 Dec 2019 18:27

Instrument :

MSVOA_W

ClientSampled :

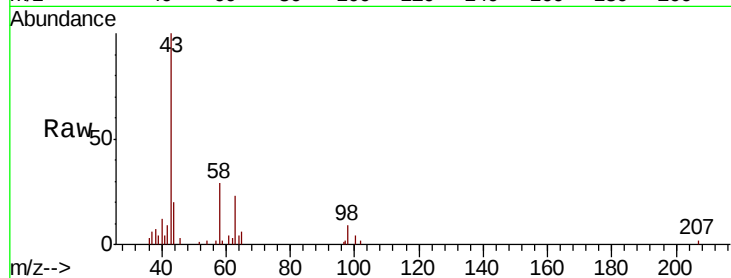
C0C72

Tot Ion: 43 Resp: 11969

Ion Ratio Lower Upper

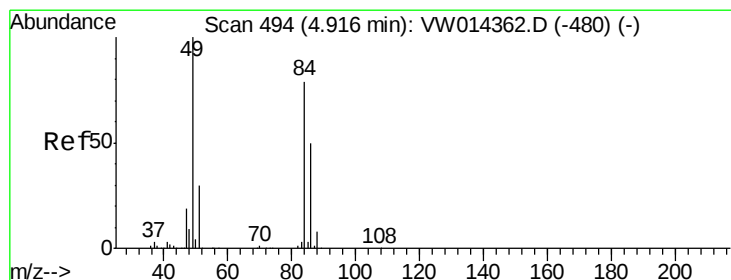
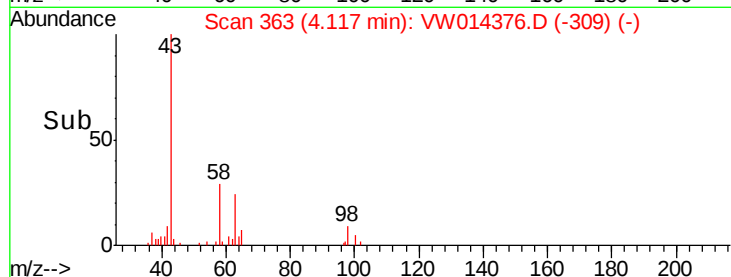
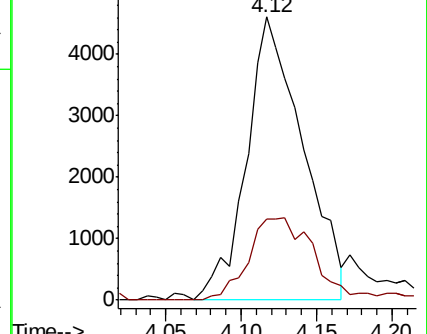
43 100

58 23.2 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: 1.962 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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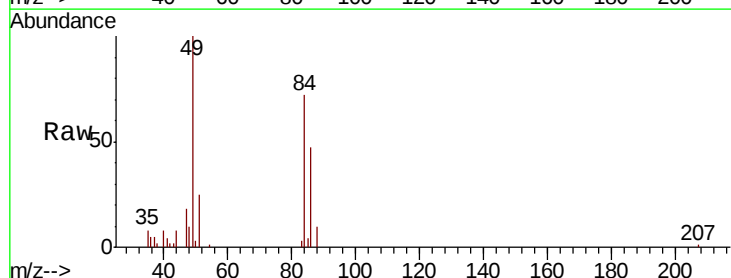
Tgt Ion: 84 Resp: 26035

Ion Ratio Lower Upper

84 100

49 138.2 84.2 156.4

86 64.4 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

