

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121119\
 Data File : VW014306.D
 Acq On : 11 Dec 2019 16:21
 Operator : SY/VA
 Sample : K6236-07
 Misc : 4.80G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFEZ0

Quant Time: Dec 12 06:05:27 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	1241529	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1123867	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	463279	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	439081	23.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.44%
7) Chloroethane-d5	2.89	69	337575	24.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.60%
10) 1,1-Dichloroethene-d2	4.01	63	611500	18.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.64%
20) 2-Butanone-d5	7.07	46	174782	35.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.36%
24) Chloroform-d	7.65	84	776662	24.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.28%
26) 1,2-Dichloroethane-d4	8.30	65	389235	23.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.96%
29) Benzene-d6	8.27	84	1658725	25.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.72%
33) 1,2-Dichloropropane-d6	9.27	67	497458	24.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.20%
37) Toluene-d8	10.32	98	1478863	24.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.32%
38) trans-1,3-Dichloropropene-	10.57	79	182951	21.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.08%
39) 2-Hexanone-d5	10.92	63	134450	33.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	326719	19.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	456407	25.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.12%

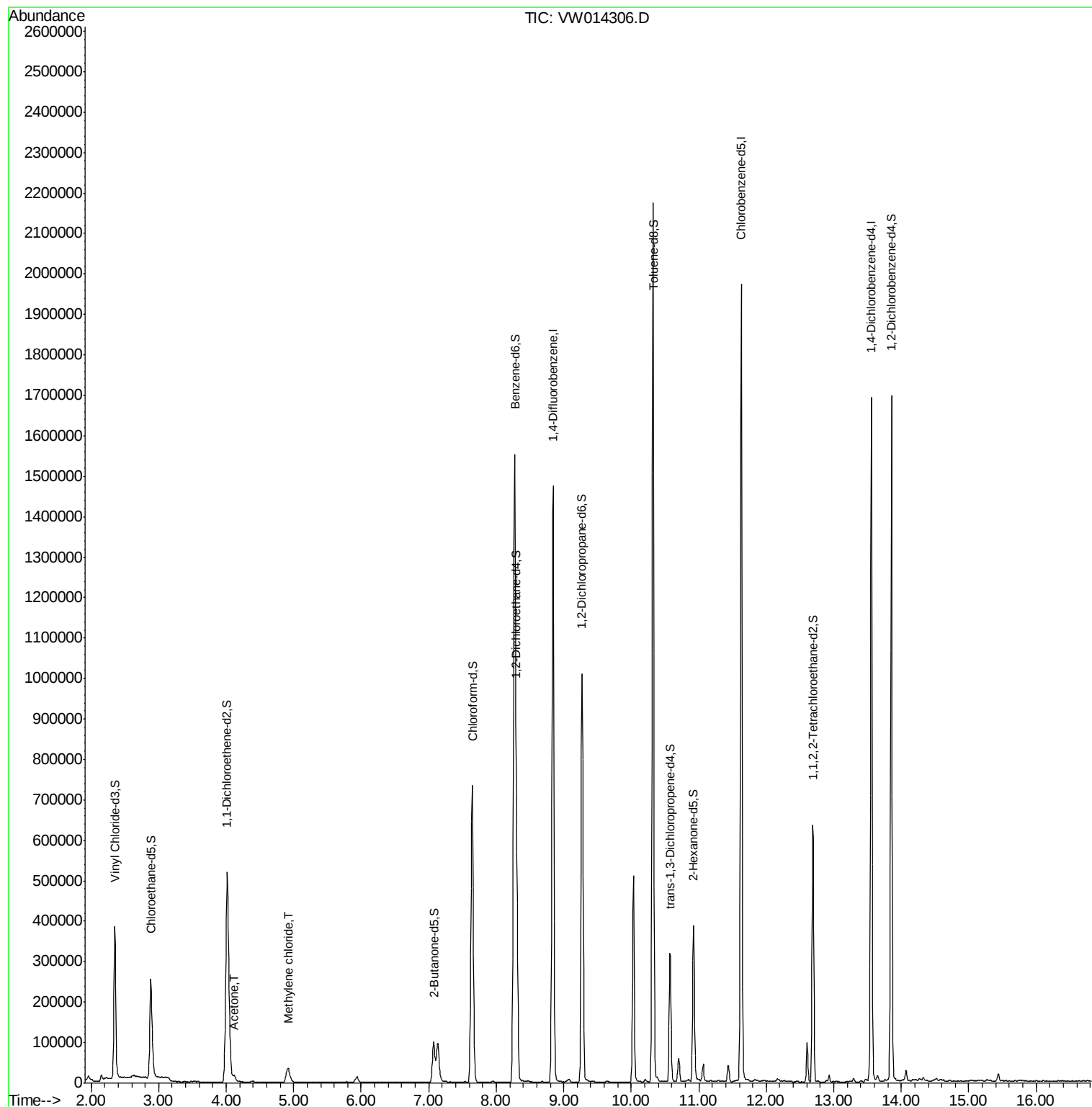
Target Compounds					Ovalue
13) Acetone	4.12	43	22262	4.713 ug/L	93
16) Methylene chloride	4.92	84	31792	1.670 ug/L	94

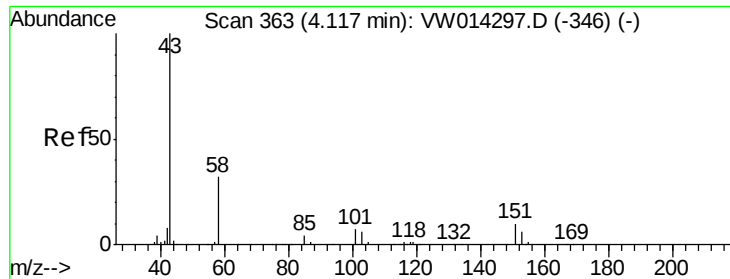
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.713 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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ClientSampleId :

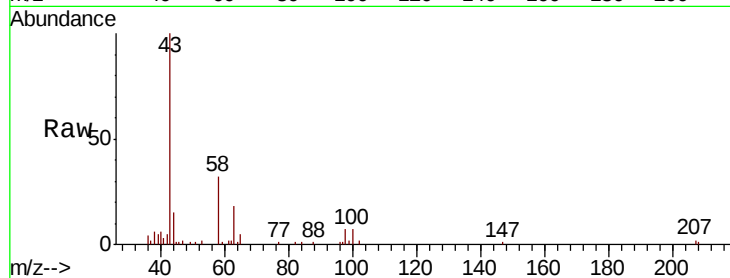
BFEZ0

Tot Ion: 43 Resp: 22262

Ion Ratio Lower Upper

43 100

58 36.4 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

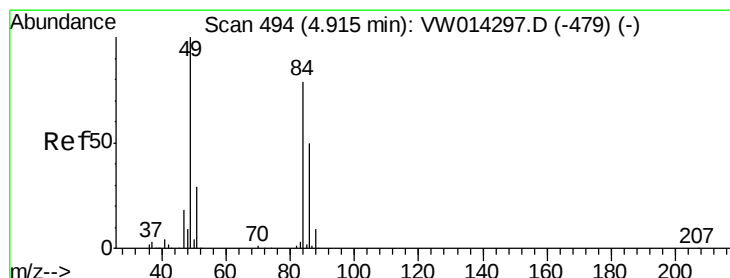
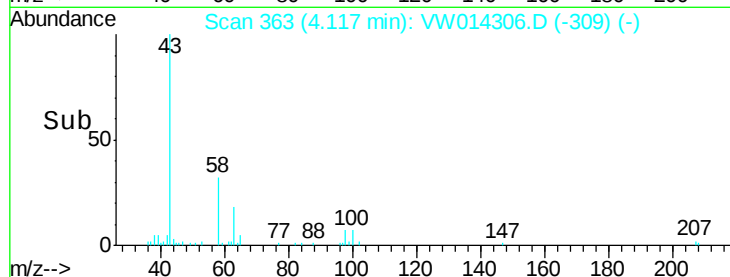
4000

2000

0

Time-->

4.05 4.10 4.15 4.20



#16

Methylene chloride

Concen: 1.670 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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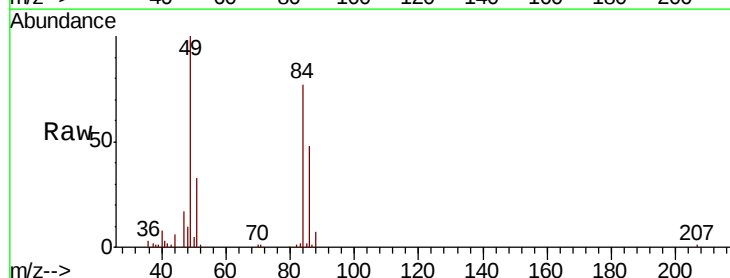
Tgt Ion: 84 Resp: 31792

Ion Ratio Lower Upper

84 100

49 130.6 84.2 156.4

86 62.2 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

15000

10000

5000

0

Time-->

4.80 4.90 5.00

