

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\
 Data File : VW009928.D
 Acq On : 11 Apr 2019 22:55
 Operator : SY/VA
 Sample : K2278-16
 Misc : 4.51G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB6Y8

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:30:36 AM

Quant Time: Apr 12 04:54:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:36:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	592849	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	569815	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	242724	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	211890	27.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.24%
7) Chloroethane-d5	2.89	69	211995	29.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.32%
10) 1,1-Dichloroethene-d2	4.01	63	422816	25.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.36%
20) 2-Butanone-d5	7.07	46	195463	77.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.20%#
24) Chloroform-d	7.64	84	670908	41.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	165.88%#
26) 1,2-Dichloroethane-d4	8.31	65	401259	40.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	161.60%#
29) Benzene-d6	8.27	84	1200322	40.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	160.52%#
33) 1,2-Dichloropropane-d6	9.27	67	391187	42.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	169.36%#
37) Toluene-d8	10.32	98	1063126	38.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	153.76%#
38) trans-1,3-Dichloropropene-	10.58	79	156319	35.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	141.92%#
39) 2-Hexanone-d5	10.93	63	134248	77.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.18%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	319005	37.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	148.56%#
61) 1,2-Dichlorobenzene-d4	13.85	152	385865	45.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	181.20%#

Target Compounds

					Ovalue
13) Acetone	4.12	43	18917	7.009 ug/L	100
16) Methylene chloride	4.92	84	23229m	2.222 ug/L	
35) Trichloroethene	9.09	95	7156	0.798 ug/L	96

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

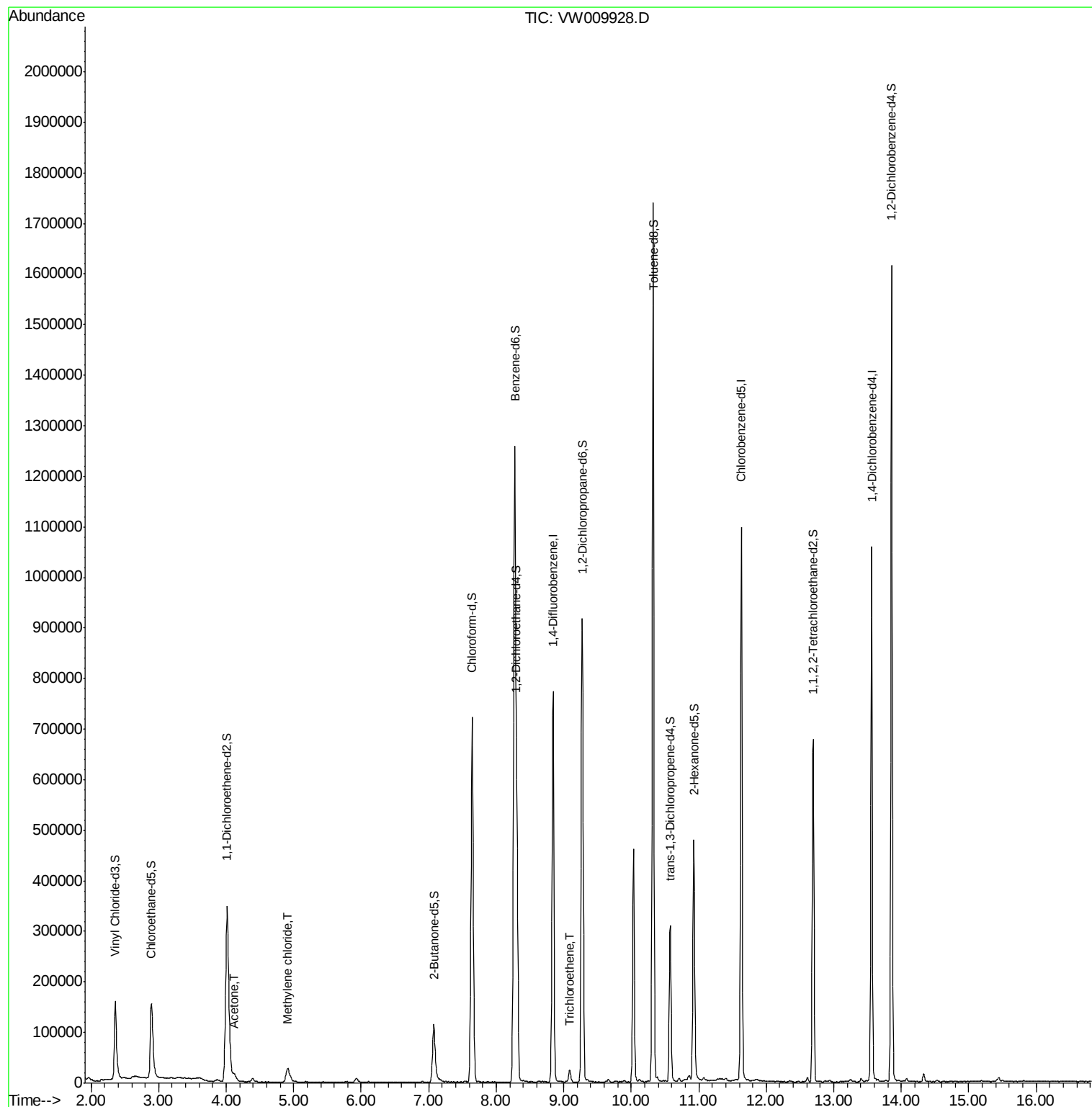
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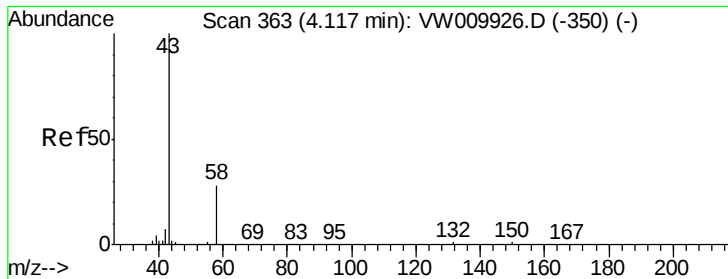
Instrument :
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#13

Acetone

Concen: 7.009 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW009928.D

Acq: 11 Apr 2019 22:55

Instrument :

MSVOA_W

ClientSampleId :

DB6Y8

Tot Ion: 43 Resp: 18917

Ion Ratio Lower Upper

43 100

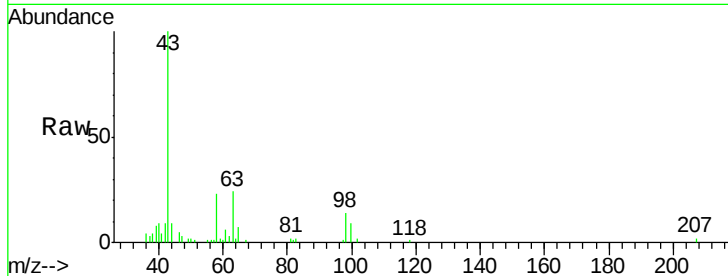
58 26.6 0.0 53.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

8000

6000

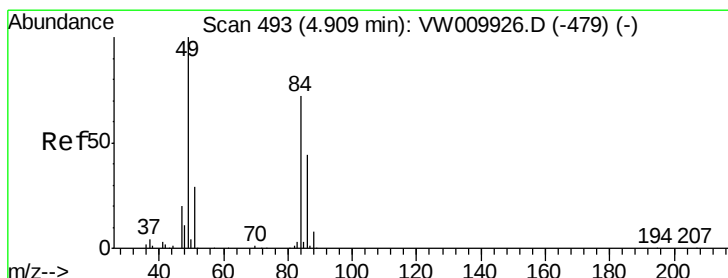
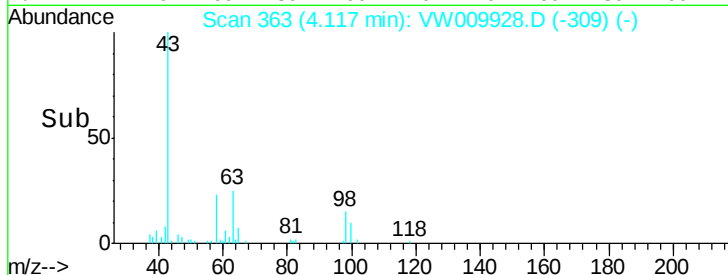
4000

2000

0

Time--> 4.00 4.05 4.10 4.15 4.20

4.12



#16

Methylene chloride

Concen: 2.222 ug/L m

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW009928.D

Acq: 11 Apr 2019 22:55

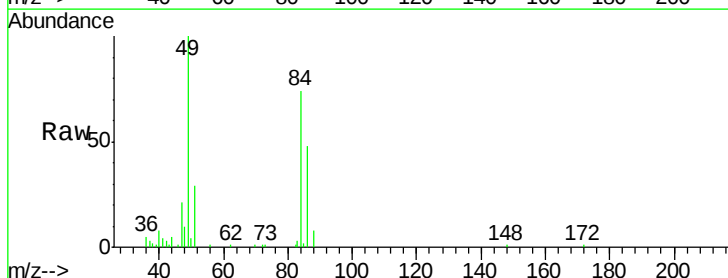
Tgt Ion: 84 Resp: 23229

Ion Ratio Lower Upper

84 100

49 135.0 98.3 182.5

86 64.5 46.4 86.2



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

10000

8000

6000

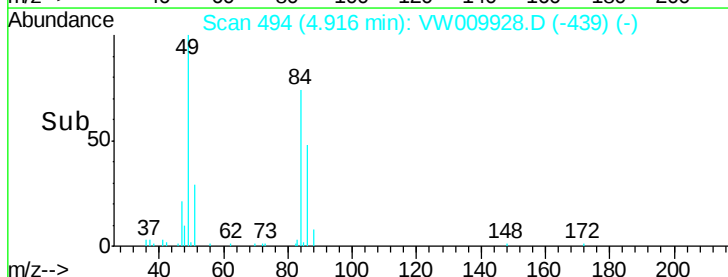
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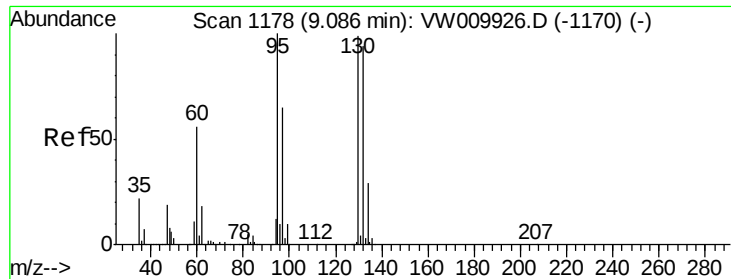
2000

0

Time--> 4.80 4.90 5.00

4.92





#35
 Trichloroethene
 Concen: 0.798 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.01 min
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Tot Ion:	95	Resp:	7156
Ion	Ratio	Lower	Upper
95	100		
97	66.6	44.9	83.5
132	92.3	67.1	124.7
130	102.7	69.2	128.6

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