

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041019\
 Data File : VW009887.D
 Acq On : 10 Apr 2019 18:49
 Operator : SY/VA
 Sample : K2340-10
 Misc : 5.85G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF157

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:33:14 AM

Quant Time: Apr 11 05:32:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 03:44:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	449773	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	440828	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	201574	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	116903	19.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.44%
7) Chloroethane-d5	2.89	69	112920	20.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.76%
10) 1,1-Dichloroethene-d2	4.01	63	229598	18.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.56%
20) 2-Butanone-d5	7.08	46	148529	77.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.44%#
24) Chloroform-d	7.65	84	342982	27.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.80%
26) 1,2-Dichloroethane-d4	8.30	65	225861	29.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.92%
29) Benzene-d6	8.27	84	611297	26.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.68%
33) 1,2-Dichloropropane-d6	9.27	67	200467	28.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.20%
37) Toluene-d8	10.32	98	523722	24.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.92%
38) trans-1,3-Dichloropropene-	10.58	79	86524	25.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.52%
39) 2-Hexanone-d5	10.93	63	101674	75.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.94%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	211318	31.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	127.20%#
61) 1,2-Dichlorobenzene-d4	13.86	152	210269	29.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.92%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	14925	7.289	ug/L	97
16) Methylene chloride	4.92	84	22090m	2.785	ug/L	
47) Tetrachloroethene	10.86	164	339792	62.157	ug/L	99

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

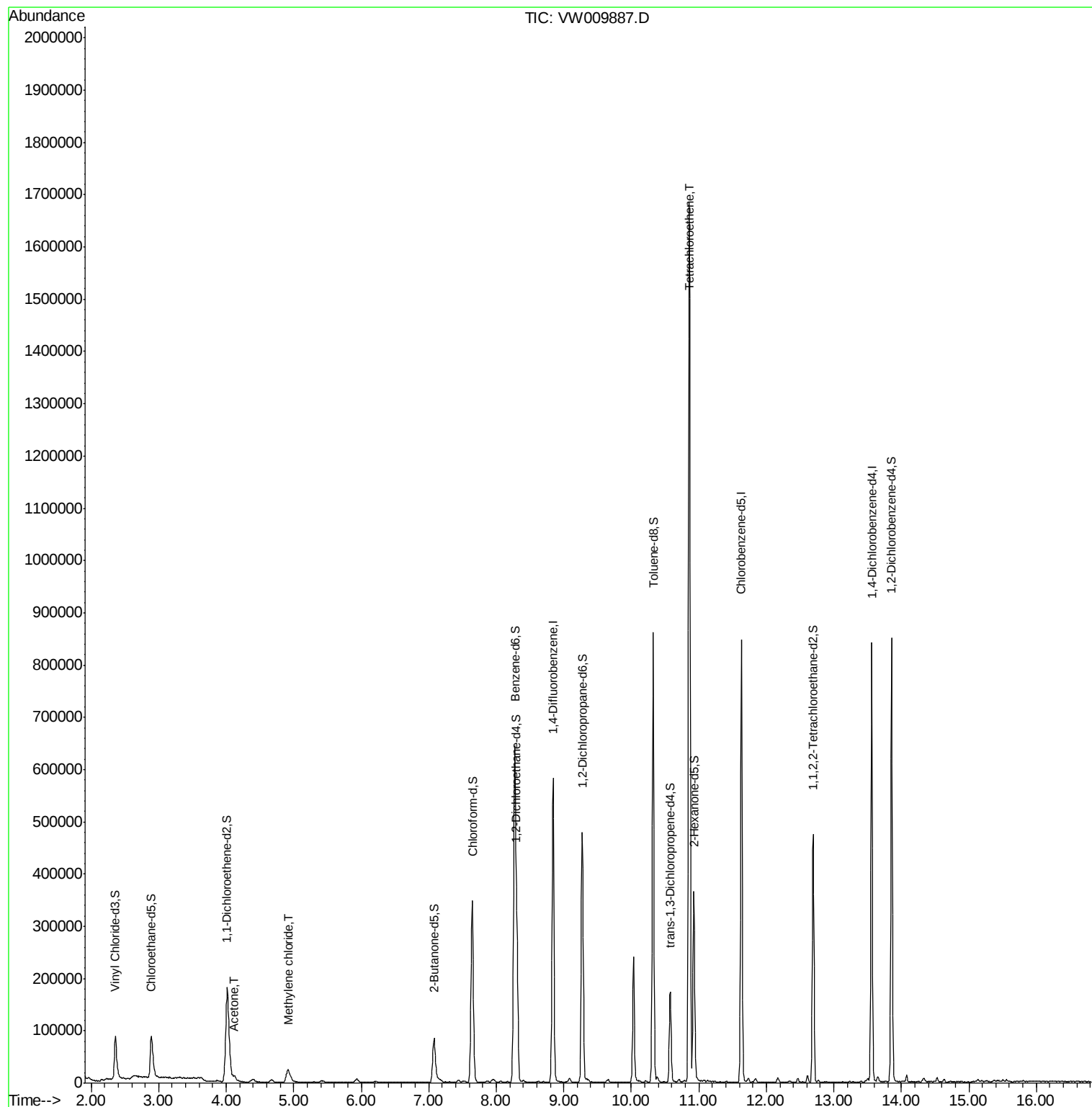
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041019\
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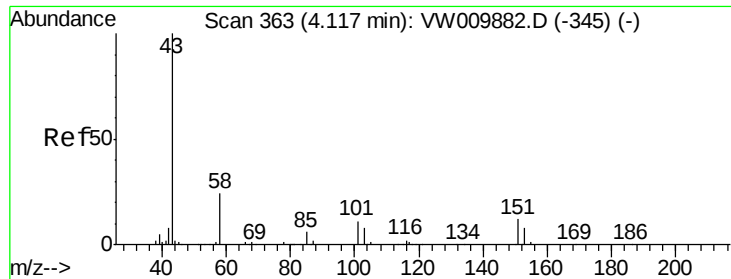
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#13

Acetone

Concen: 7.289 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009887.D

Acq: 10 Apr 2019 18:49

Instrument :

MSVOA_W

ClientSampleId :

BF157

Tot Ion: 43 Resp: 14925

Ion Ratio Lower Upper

43 100

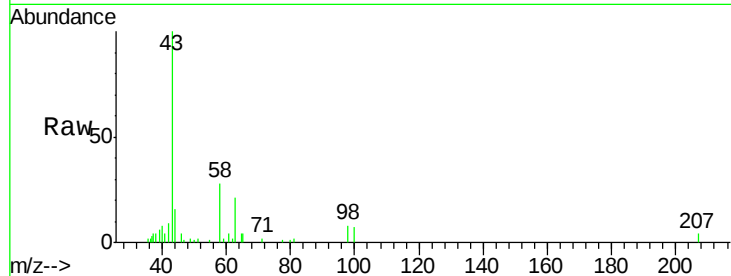
58 28.2 0.0 53.0

Manual Integrations

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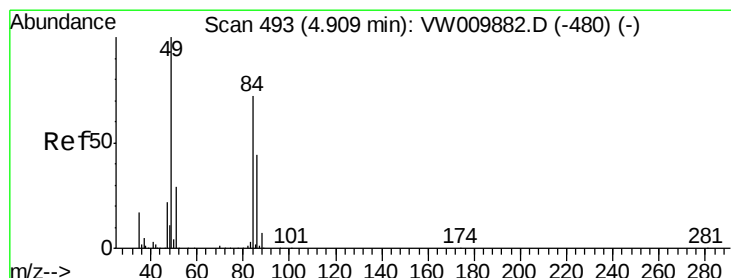
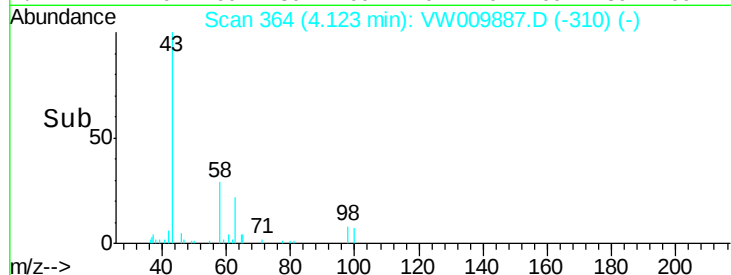


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

Time--> 4.00 4.05 4.10 4.15 4.20



#16

Methylene chloride

Concen: 2.785 ug/L m

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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Acq: 10 Apr 2019 18:49

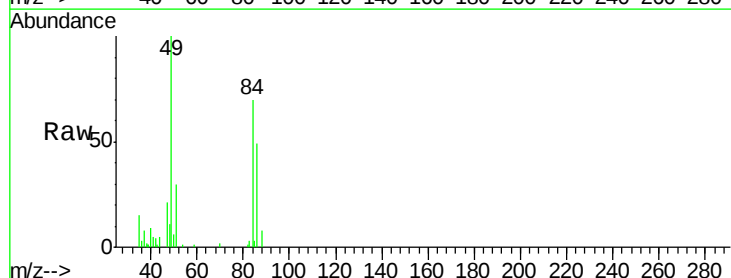
Tgt Ion: 84 Resp: 22090

Ion Ratio Lower Upper

84 100

49 141.9 98.3 182.5

86 69.4 46.4 86.2



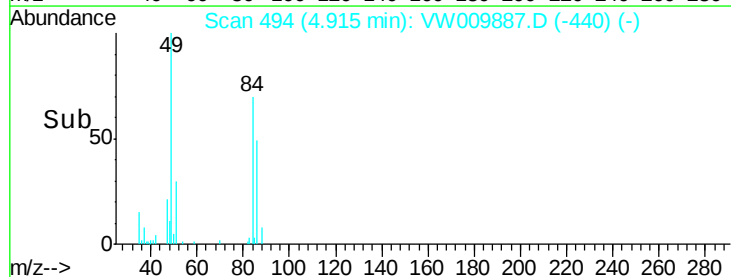
Abundance Ion 84.00 (83.70 to 84.70): VW

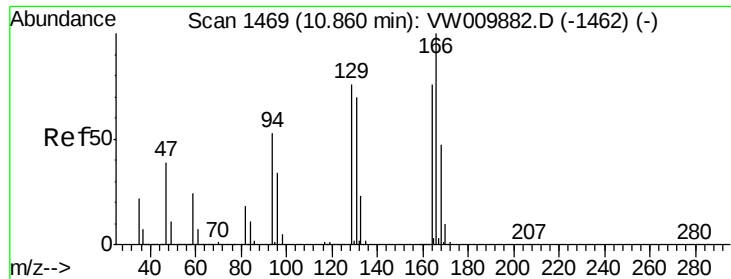
Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

4.92

Time--> 4.70 4.80 4.90 5.00 5.10





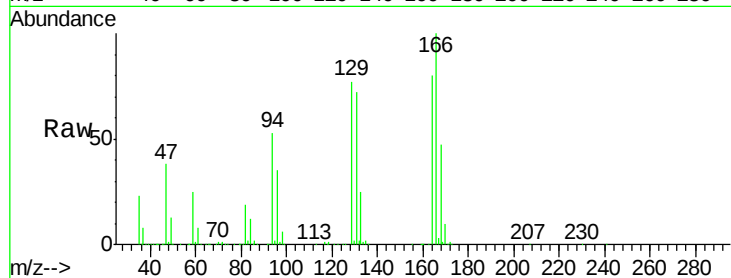
#47
Tetrachloroethene
Concen: 62.157 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
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Tot Ion	Ratio	Resp Lower	Upper
164	100		
129	95.8	68.9	127.9
131	90.3	63.1	117.1
166	125.0	88.5	164.4

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Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

