

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009748.D
 Acq On : 06 Apr 2019 01:09
 Operator : SY/VA
 Sample : K2277-05
 Misc : 6.34G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF167

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:42:48 AM

Quant Time: Apr 06 05:58:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 05:36:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	463452	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	403723	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	131506	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	146814	24.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.84%
7) Chloroethane-d5	2.89	69	137187	24.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.76%
10) 1,1-Dichloroethene-d2	4.01	63	249472m	19.13	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.52%
20) 2-Butanone-d5	7.08	46	52769	26.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.60%
24) Chloroform-d	7.64	84	327889	25.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.72%
26) 1,2-Dichloroethane-d4	8.30	65	190961m	24.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.40%
29) Benzene-d6	8.27	84	613590	28.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.80%
33) 1,2-Dichloropropane-d6	9.27	67	186453	28.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.92%
37) Toluene-d8	10.32	98	532724	27.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.76%
38) trans-1,3-Dichloropropene-	10.58	79	70084	22.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.80%
39) 2-Hexanone-d5	10.93	63	40600	32.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122101	20.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	117399	25.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.76%

Target Compounds					Ovalue
13) Acetone	4.12	43	4560	2.161 ug/L	100
16) Methylene chloride	4.91	84	8723m	1.067 ug/L	
47) Tetrachloroethene	10.86	164	5742495	1146.992 ug/L	97

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

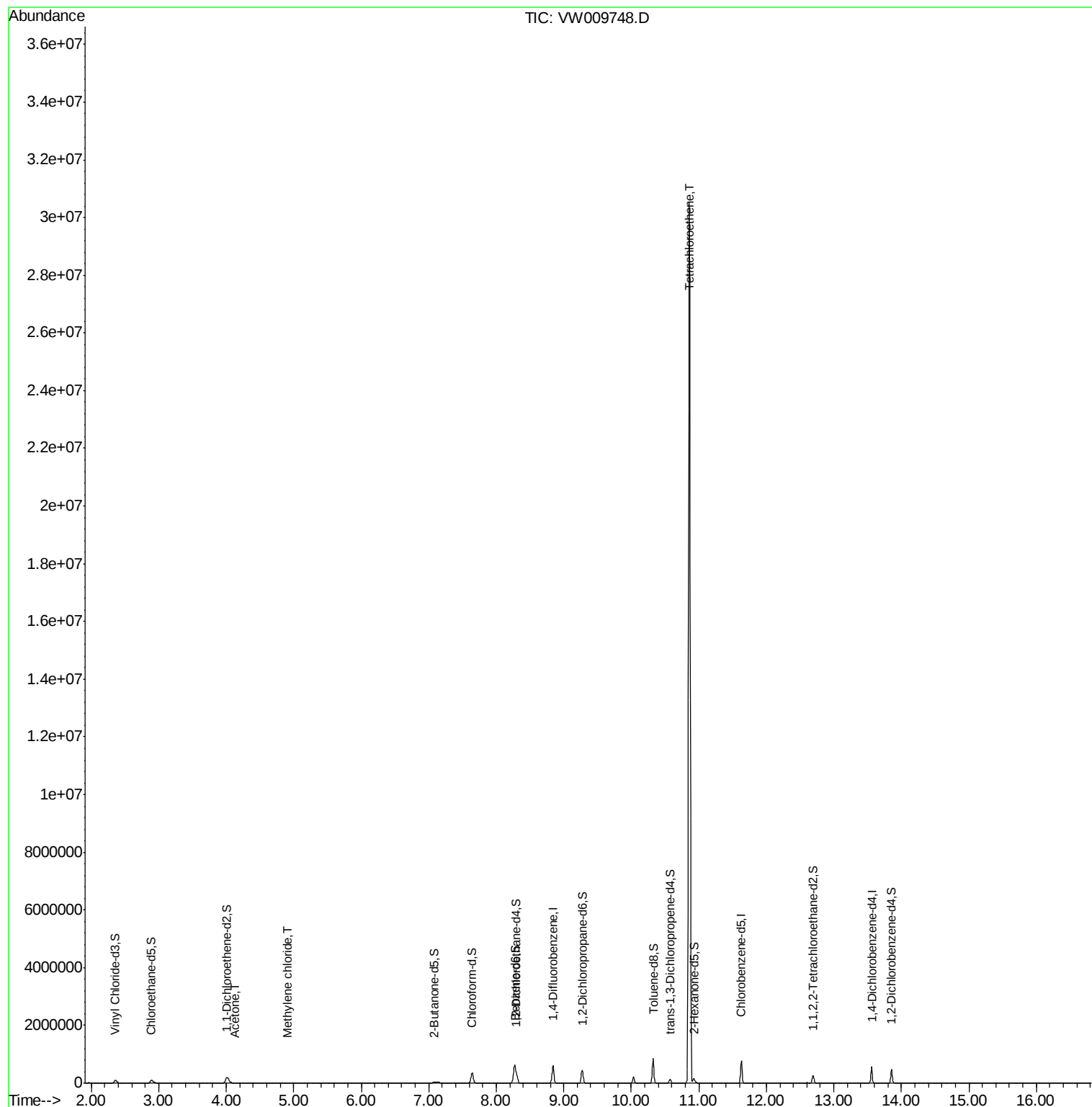
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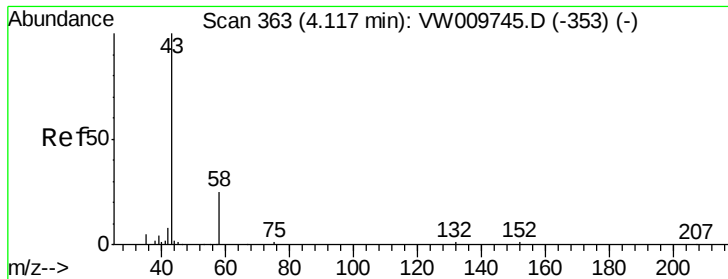
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#13

Acetone

Concen: 2.161 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009748.D

Acq: 06 Apr 2019 01:09

Instrument :

MSVOA_W

ClientSampleId :

BF167

Tot Ion: 43 Resp: 4560

Ion Ratio Lower Upper

43 100

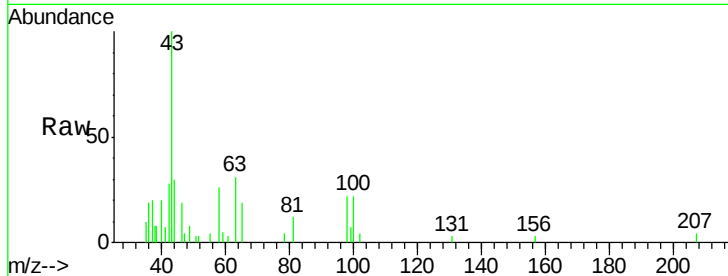
58 26.4 0.0 53.0

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

2000

1500

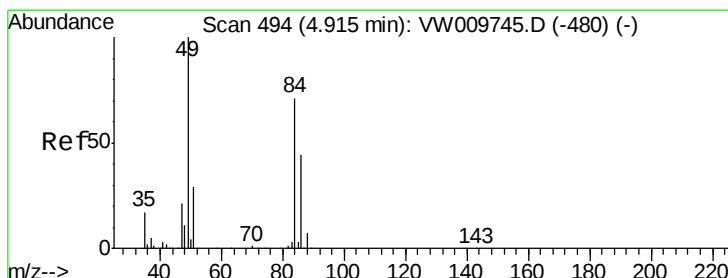
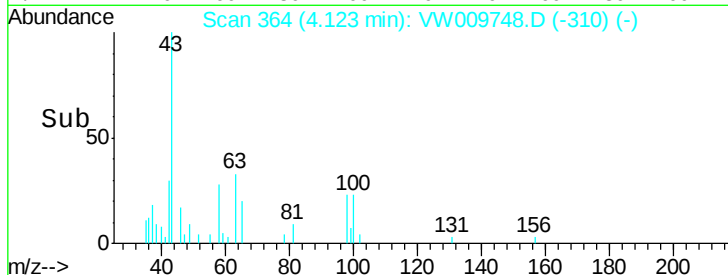
1000

500

0

4.05 4.10 4.15 4.20

Time-->



#16

Methylene chloride

Concen: 1.067 ug/L m

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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Acq: 06 Apr 2019 01:09

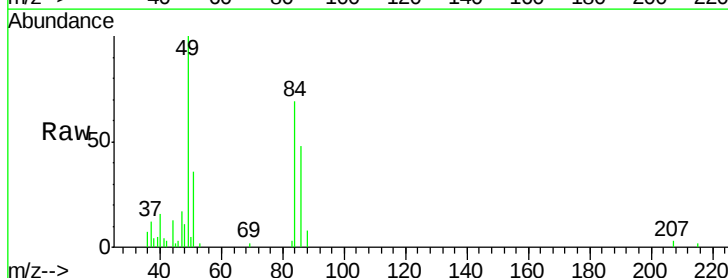
Tgt Ion: 84 Resp: 8723

Ion Ratio Lower Upper

84 100

49 144.7 98.3 182.5

86 69.3 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

4.91

4000

3000

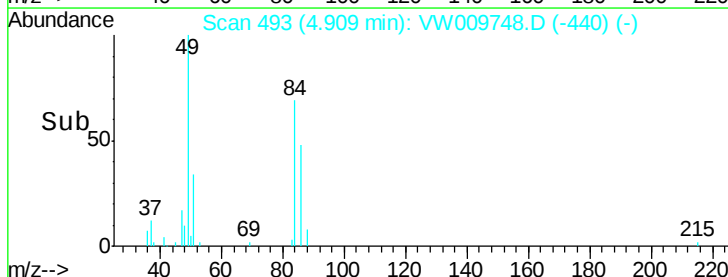
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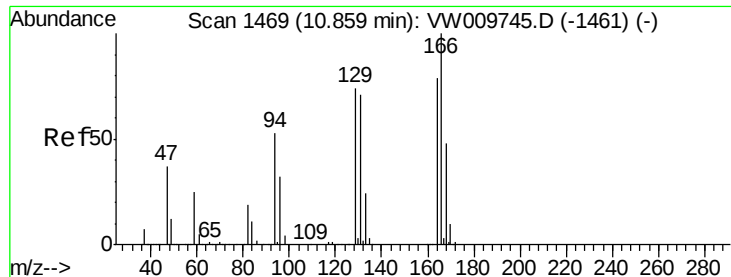
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0

4.80 4.90 5.00

Time-->





#47
Tetrachloroethene
Concen: 1146.992 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
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Tot Ion	Ratio	Lower	Upper
164	100		
129	101.3	68.9	127.9
131	96.8	63.1	117.1
166	126.0	88.5	164.4

Manual Integrations
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