

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122718\
 Data File : VW007966.D
 Acq On : 27 Dec 2018 13:41
 Operator : SY/AP
 Sample : J6506-04
 Misc : 5.93G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEZY2

Manual Integrations
 APPROVED

MMDadoda
 12/28/2018 4:55:25 PM

Quant Time: Dec 28 05:04:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 28 04:01:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	86972	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	77867	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	35597	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	19081	22.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.04%
7) Chloroethane-d5	2.89	69	13276	22.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.96%
10) 1,1-Dichloroethene-d2	4.01	63	38703	16.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.72%
20) 2-Butanone-d5	7.08	46	20234	55.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.70%
24) Chloroform-d	7.65	84	51572	22.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.16%
26) 1,2-Dichloroethane-d4	8.30	65	34956	25.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.80%
29) Benzene-d6	8.27	84	98930	22.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.60%
33) 1,2-Dichloropropane-d6	9.27	67	27528	23.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.68%
37) Toluene-d8	10.32	98	95328	22.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.64%
38) trans-1,3-Dichloropropene-	10.58	79	15696	23.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.08%
39) 2-Hexanone-d5	10.93	63	16227	53.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	29527	25.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	33162	23.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.24%

Target Compounds					Ovalue
13) Acetone	4.13	43	1166m	3.265	ug/L
47) Tetrachloroethene	10.87	164	51086	53.113	ug/L

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

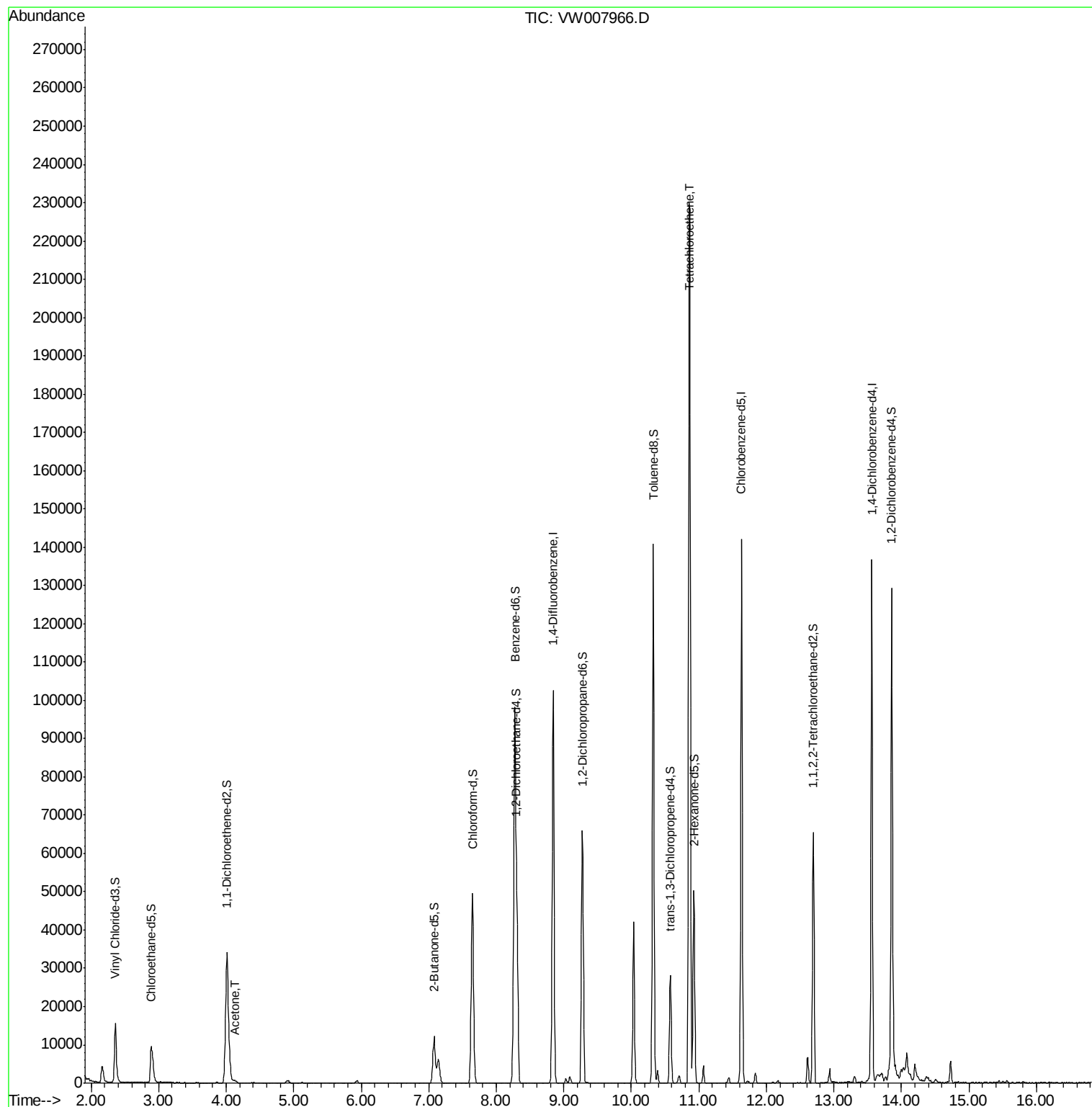
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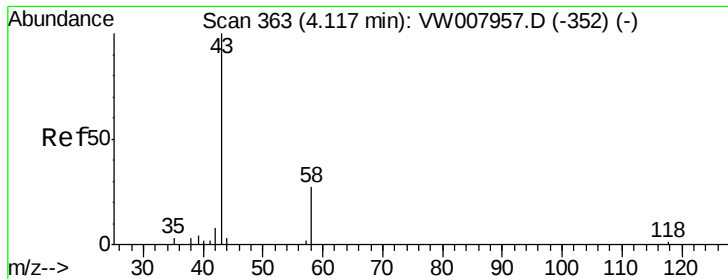
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QLast Update : Fri Dec 28 04:01:03 2018
Response via : Initial Calibration





#13

Acetone

Concen: 3.265 ug/L m

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007966.D

Acq: 27 Dec 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

BEZY2

Tot Ion: 43 Resp: 1166

Ion Ratio Lower Upper

43 100

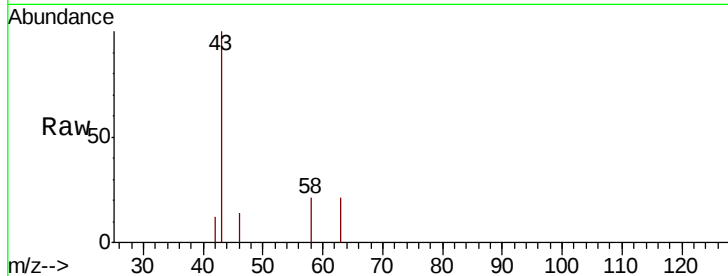
58 17.3 0.0 58.6

Manual Integrations

APPROVED

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12/28/2018 4:55:25 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

400

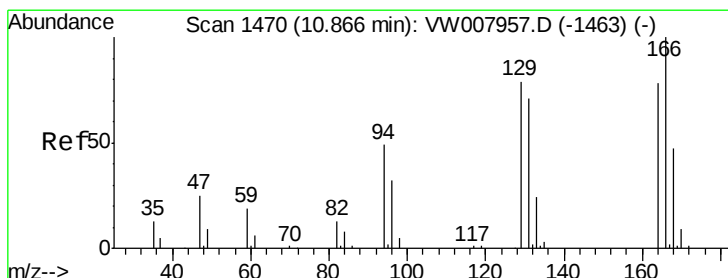
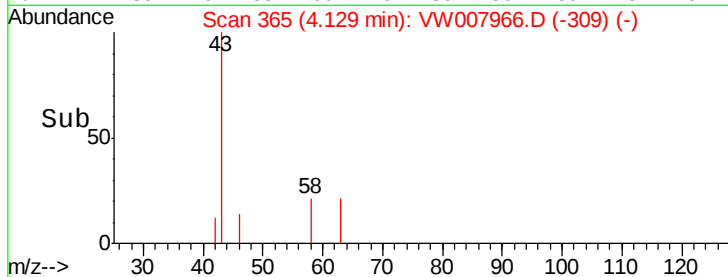
300

200

100

0

Time-->



#47

Tetrachloroethene

Concen: 53.113 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW007966.D

Acq: 27 Dec 2018 13:41

Tgt Ion:164 Resp: 51086

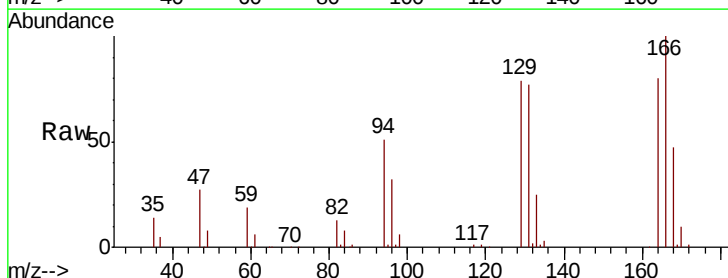
Ion Ratio Lower Upper

164 100

129 99.4 70.6 131.2

131 96.9 66.5 123.5

166 125.1 87.7 162.9



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

50000

40000

30000

20000

10000

0

Time-->

