

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009436.D
 Acq On : 25 Mar 2019 19:24
 Operator : SY/VA
 Sample : K2044-02
 Misc : 5.75G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5T2

Manual Integrations
 APPROVED

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 3/27/2019 12:14:35 PM

Quant Time: Mar 26 09:24:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 09:00:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	422397	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	403549	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	182118	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	98072	19.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.72%
7) Chloroethane-d5	2.89	69	107730	18.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.96%
10) 1,1-Dichloroethene-d2	4.01	63	165741	15.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.76%
20) 2-Butanone-d5	7.07	46	93856	44.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.92%
24) Chloroform-d	7.65	84	265896	23.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.28%
26) 1,2-Dichloroethane-d4	8.31	65	163397	23.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.12%
29) Benzene-d6	8.27	84	475281	21.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.44%
33) 1,2-Dichloropropane-d6	9.27	67	155494	23.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.04%
37) Toluene-d8	10.32	98	414722	20.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.60%
38) trans-1,3-Dichloropropene-	10.58	79	64973	19.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.40%
39) 2-Hexanone-d5	10.93	63	67088	41.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	142833	21.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	161571	23.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.56%

Target Compounds					Ovalue
13) Acetone	4.11	43	14586	8.521 ug/L	68
16) Methylene chloride	4.92	84	16587m	2.693 ug/L	
47) Tetrachloroethene	10.87	164	2939	0.591 ug/L	78

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

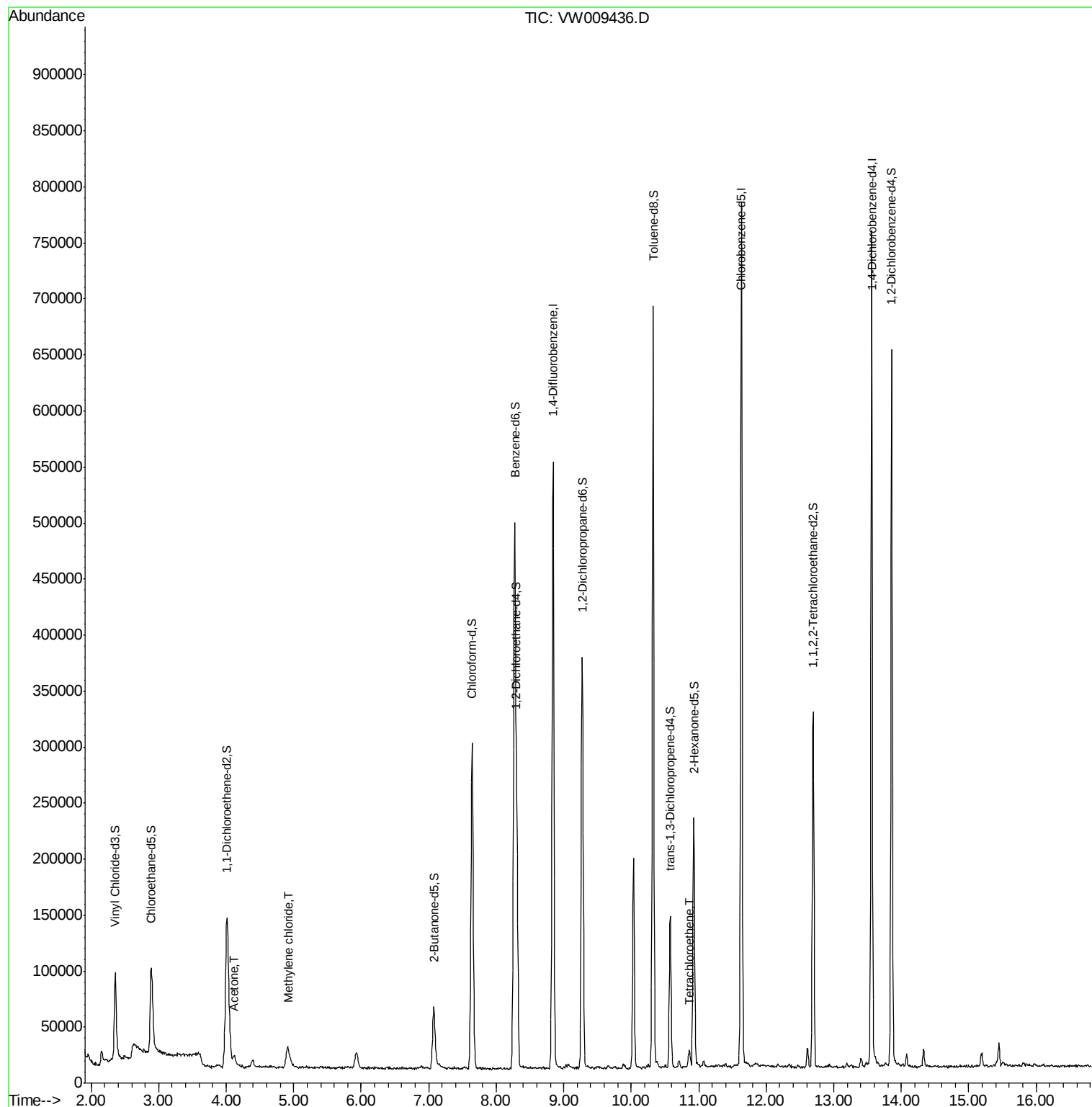
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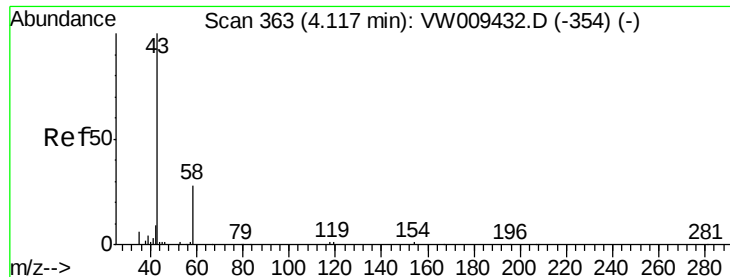
Instrument :
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#13

Acetone

Concen: 8.521 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW009436.D

Acq: 25 Mar 2019 19:24

Instrument :

MSVOA_W

ClientSampleId :

BF5T2

Tot Ion: 43 Resp: 14586

Ion Ratio Lower Upper

43 100

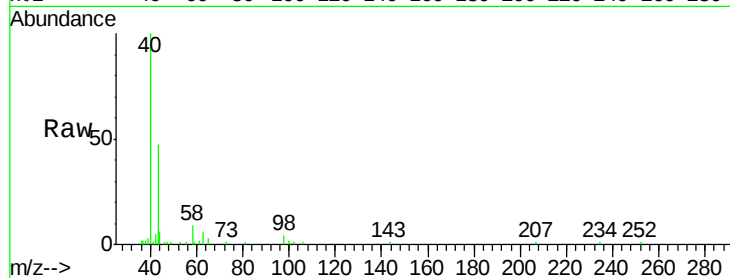
58 11.3 0.0 56.2

Manual Integrations

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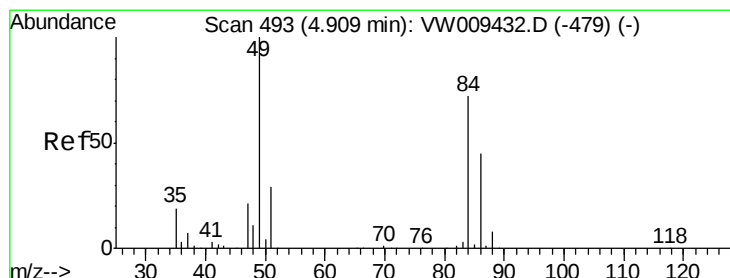
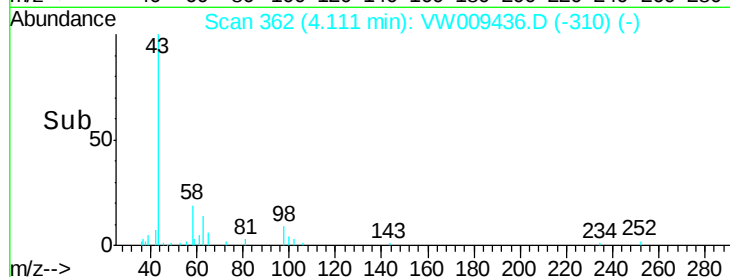
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.11

4.05 4.10 4.15 4.20

Time-->



#16

Methylene chloride

Concen: 2.693 ug/L m

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW009436.D

Acq: 25 Mar 2019 19:24

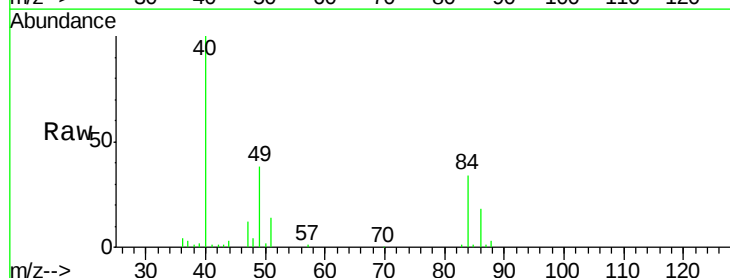
Tgt Ion: 84 Resp: 16587

Ion Ratio Lower Upper

84 100

49 112.2 96.0 178.2

86 52.3 44.4 82.5



Abundance Ion 84.00 (83.70 to 84.70): VW

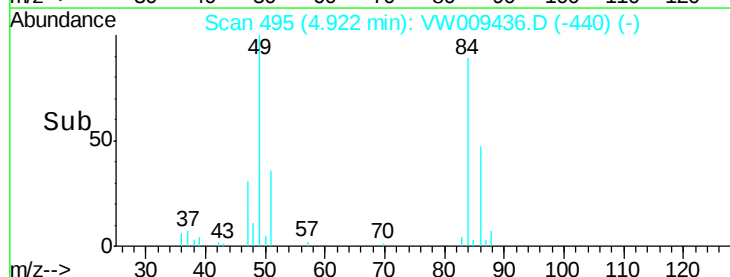
Ion 49.00 (48.70 to 49.70): VW

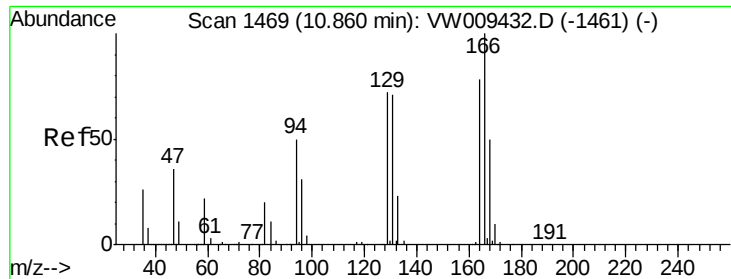
Ion 86.00 (85.70 to 86.70): VW

4.92

4.80 4.90 5.00 5.10

Time-->





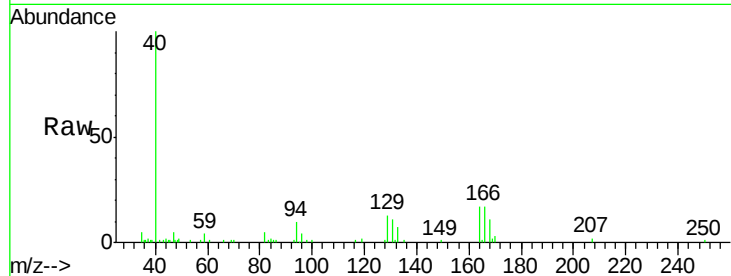
#47
Tetrachloroethene
Concen: 0.591 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW009436.D
Acq: 25 Mar 2019 19:24

Instrument :
MSVOA_W
ClientSampled :
BF5T2

Tot Ion	Ratio	Lower	Upper
164	100		
129	77.5	66.5	123.5
131	70.3	62.6	116.3
166	99.8	91.6	170.0

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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

