

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062518\
 Data File : VW003543.D
 Acq On : 25 Jun 2018 12:53
 Operator : SY/AP
 Sample : J3621-08
 Misc : 7.44G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZ60RE

Quant Time: Jun 26 03:05:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 26 03:05:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	257960	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	241282	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	91238	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	56775	16.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.92%
7) Chloroethane-d5	2.89	69	49839	17.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.28%
10) 1,1-Dichloroethene-d2	4.01	63	92316	13.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.16%
20) 2-Butanone-d5	7.09	46	107621	97.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	195.24%#
24) Chloroform-d	7.65	84	138509	20.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.64%
26) 1,2-Dichloroethane-d4	8.31	65	96957	24.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.20%
29) Benzene-d6	8.27	84	247915	19.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.44%
33) 1,2-Dichloropropane-d6	9.27	67	88936	21.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.80%
37) Toluene-d8	10.33	98	217740	17.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.16%
38) trans-1,3-Dichloropropene-	10.58	79	36951	19.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.68%
39) 2-Hexanone-d5	10.93	63	69500	83.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	167.82%#
48) 1,1,2,2-Tetrachloroethane-	12.70	84	104289	27.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.64%
61) 1,2-Dichlorobenzene-d4	13.87	152	71638	20.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.16%

Target Compounds

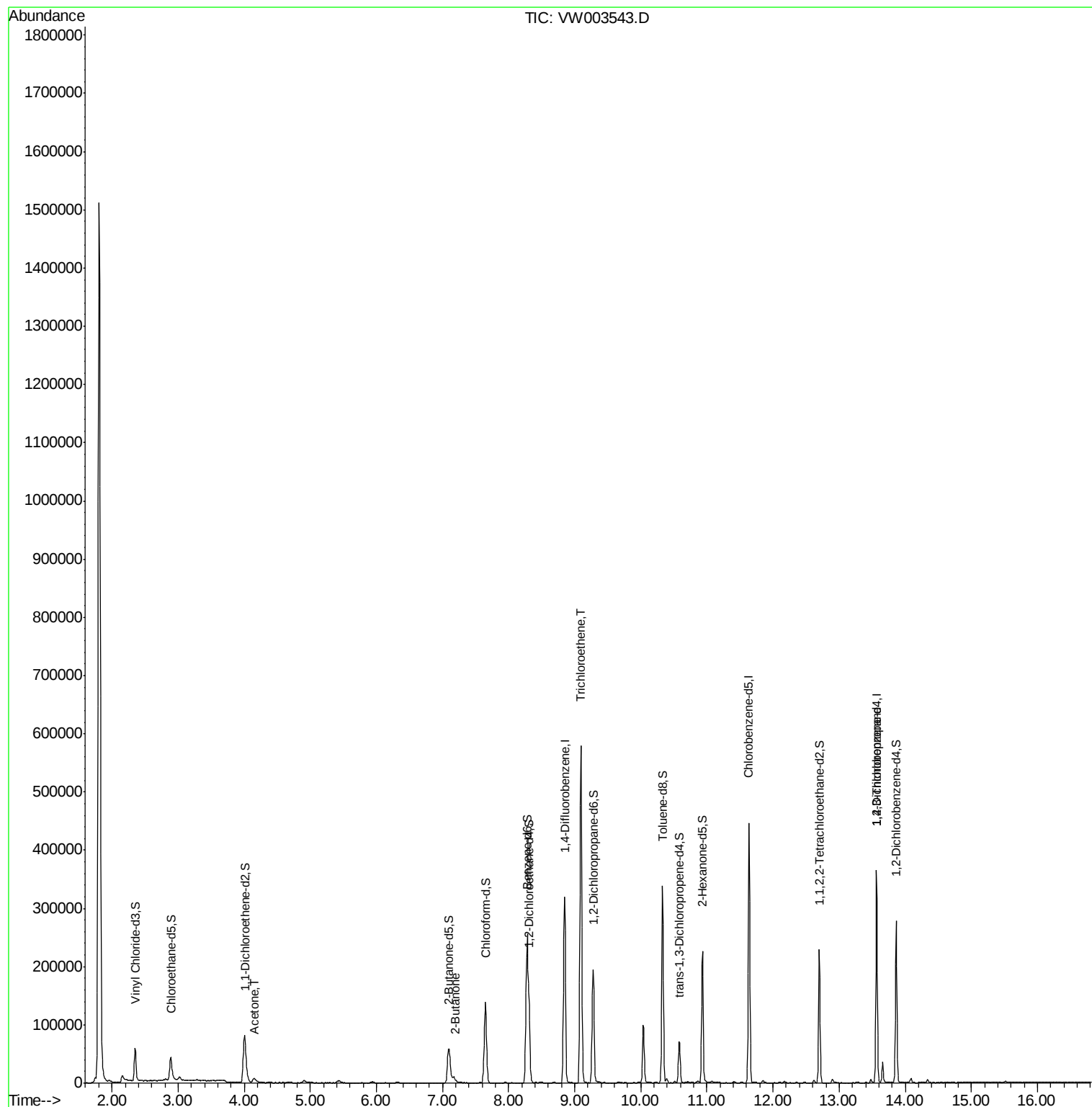
					Qvalue
13) Acetone	4.15	43	14419	12.271 ug/L	78
21) 2-Butanone	7.20	43	3486	2.525 ug/L	82
35) Trichloroethene	9.09	95	200592	54.092 ug/L	98
59) 1,2,3-Trichloropropane	13.57	75	11301	4.138 ug/L #	87

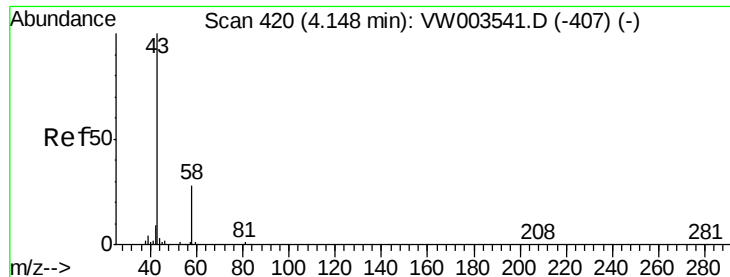
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.271 ug/L

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

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MSVOA_W

ClientSampleId :

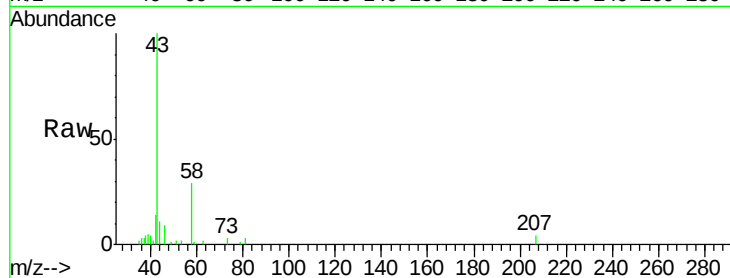
DAZ60RE

Tgt Ion: 43 Resp: 14419

Ion Ratio Lower Upper

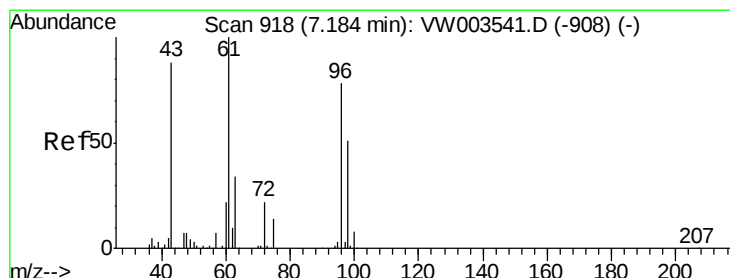
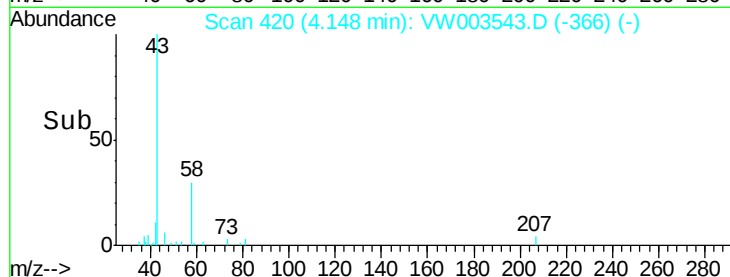
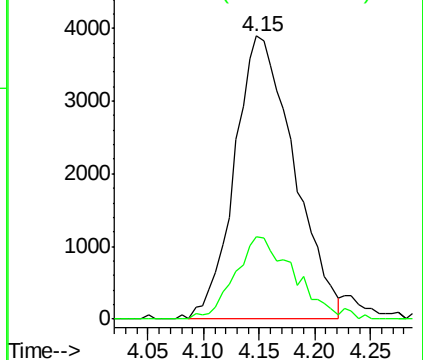
43 100

58 17.5 0.0 58.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 2.525 ug/L

RT: 7.20 min Scan# 920

Delta R.T. 0.01 min

Lab File: VW003543.D

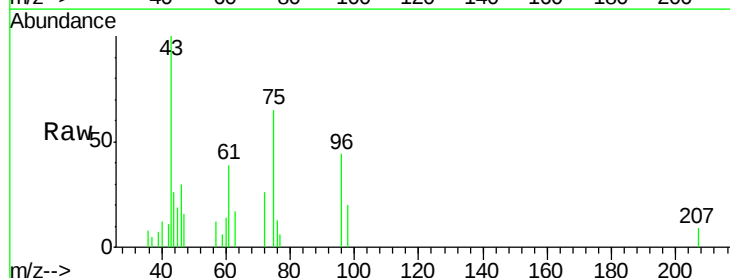
Acq: 25 Jun 2018 12:53

Tgt Ion: 43 Resp: 3486

Ion Ratio Lower Upper

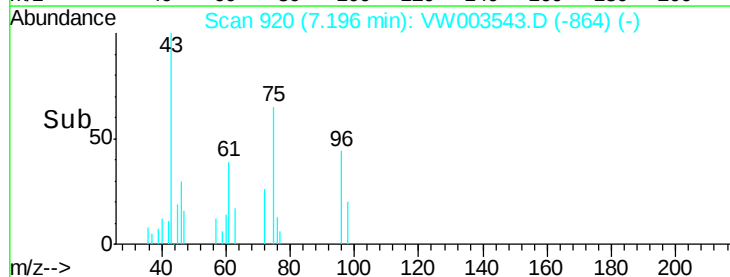
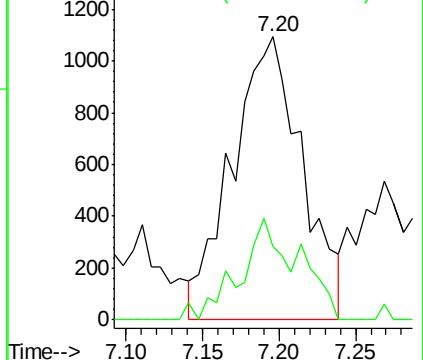
43 100

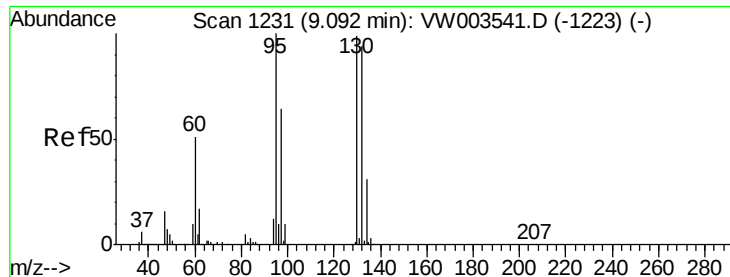
72 16.2 12.5 37.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#35

Trichloroethene

Concen: 54.092 ug/L

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

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Acq: 25 Jun 2018 12:53

Instrument :

MSVOA_W

ClientSampleId :

DAZ60RE

Tgt Ion: 95 Resp: 200592

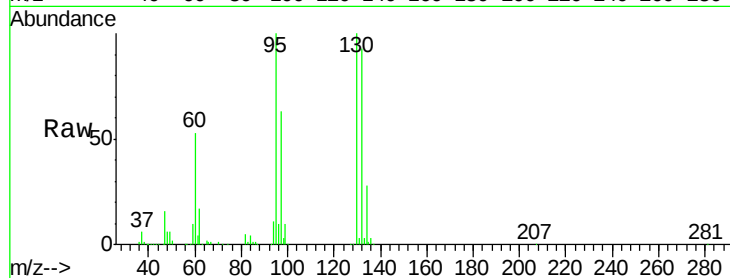
Ion Ratio Lower Upper

95 100

97 64.1 45.6 84.6

132 95.2 67.8 125.8

130 98.9 70.6 131.0



Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

150000

100000

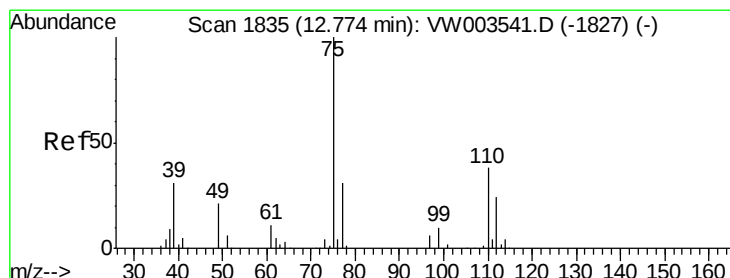
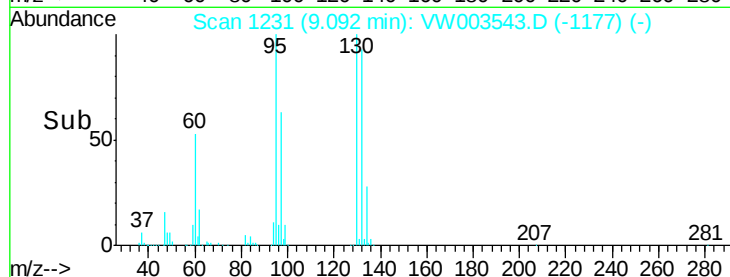
50000

0

9.09

9.00 9.05 9.10 9.15

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.138 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW003543.D

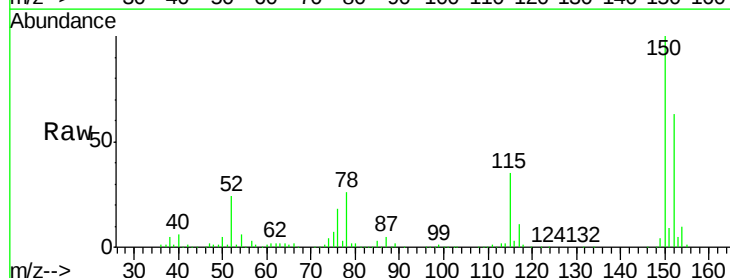
Acq: 25 Jun 2018 12:53

Tgt Ion: 75 Resp: 11301

Ion Ratio Lower Upper

75 100

77 39.7 26.0 39.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

8000

6000

4000

2000

0

13.57

13.50 13.55 13.60

Time-->

