

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062518\
 Data File : VW003544.D
 Acq On : 25 Jun 2018 13:19
 Operator : SY/AP
 Sample : J3621-12
 Misc : 8.05G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZ66

Quant Time: Jun 26 03:05:27 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	149403	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	186220	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	94045	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	15485	7.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	30.56%
7) Chloroethane-d5	2.89	69	22519	13.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.28%
10) 1,1-Dichloroethene-d2	4.01	63	31409	7.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	31.24%#
20) 2-Butanone-d5	7.10	46	52829	82.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	165.48%#
24) Chloroform-d	7.65	84	110074	28.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.04%
26) 1,2-Dichloroethane-d4	8.31	65	87228	37.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	149.40%#
29) Benzene-d6	8.28	84	174775	17.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.76%
33) 1,2-Dichloropropane-d6	9.28	67	77778	24.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.48%
37) Toluene-d8	10.33	98	161387	17.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.32%
38) trans-1,3-Dichloropropene-	10.59	79	33896	23.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.32%
39) 2-Hexanone-d5	10.93	63	34205	53.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.02%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	84811	29.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.56%
61) 1,2-Dichlorobenzene-d4	13.87	152	89814	25.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.16%

Target Compounds

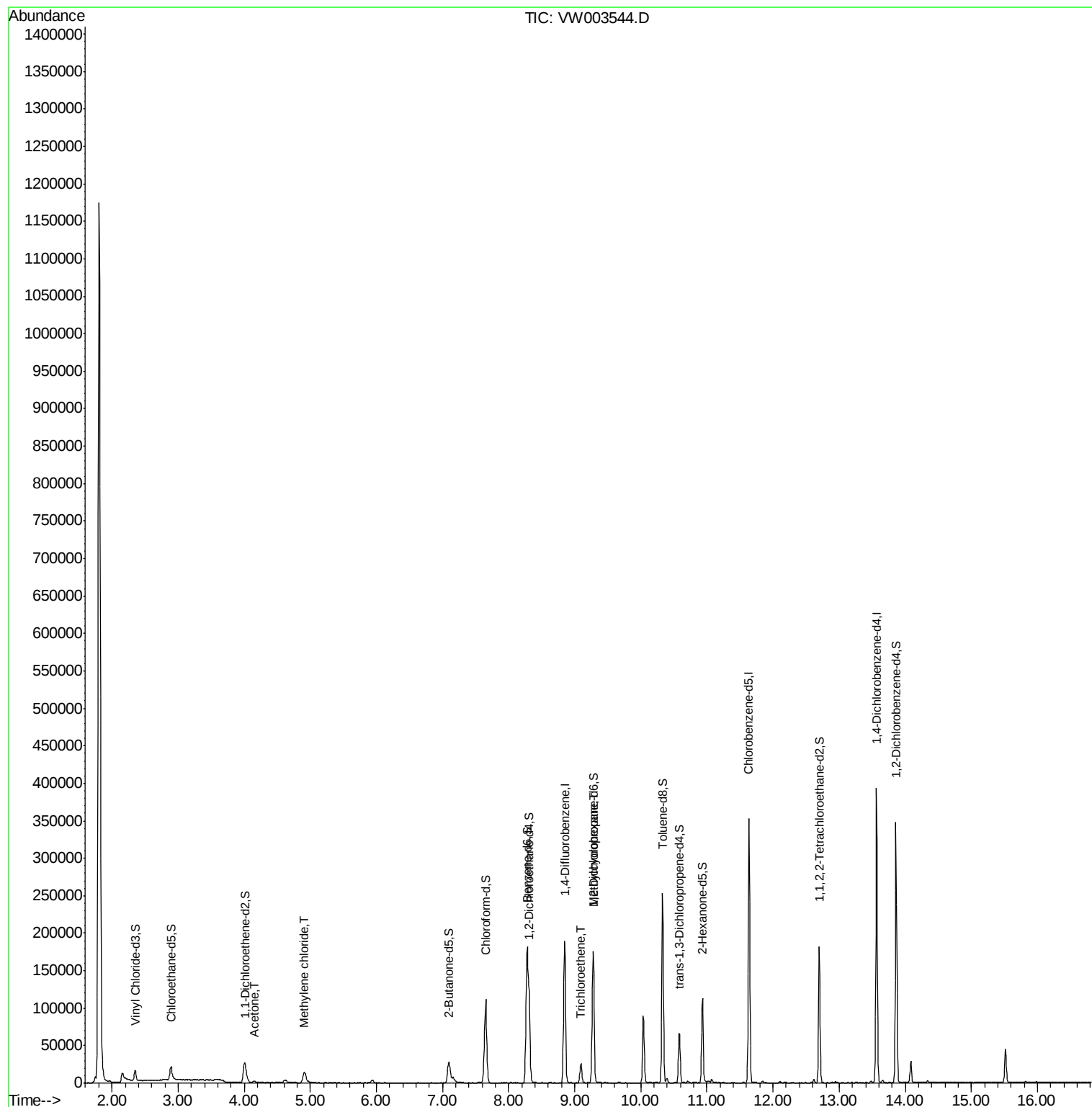
					Qvalue
13) Acetone	4.14	43	1458	2.142 ug/L	87
16) Methylene chloride	4.91	84	10884	5.287 ug/L	93
35) Trichloroethene	9.09	95	8645	3.021 ug/L	98
36) Methylcyclohexane	9.28	83	18138	3.712 ug/L #	19

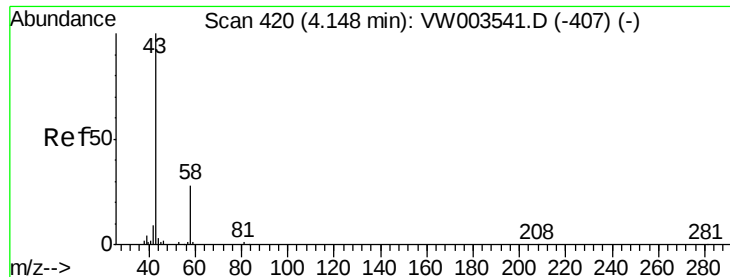
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.142 ug/L

RT: 4.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VW003544.D

Acq: 25 Jun 2018 13:19

Instrument :

MSVOA_W

ClientSampled :

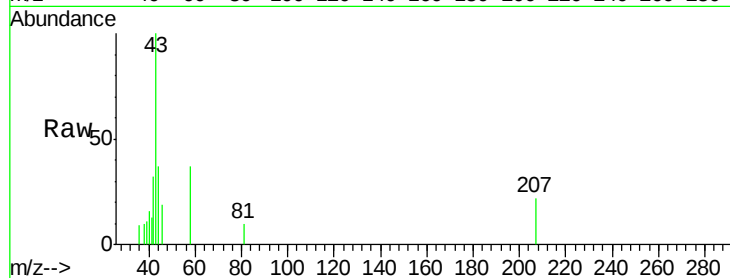
DAZ66

Tgt Ion: 43 Resp: 1458

Ion Ratio Lower Upper

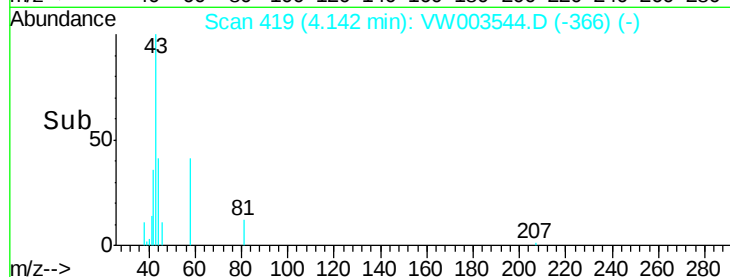
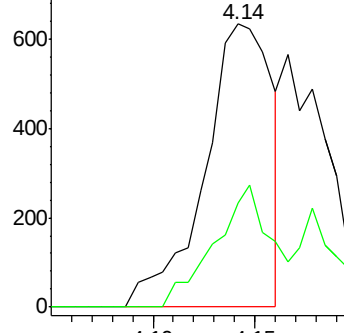
43 100

58 36.1 0.0 58.6

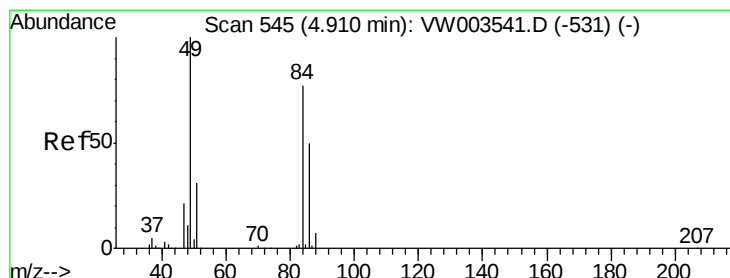


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#16

Methylene chloride

Concen: 5.287 ug/L

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

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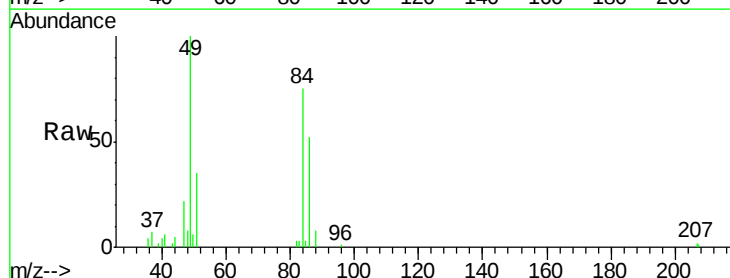
Tgt Ion: 84 Resp: 10884

Ion Ratio Lower Upper

84 100

49 133.9 88.7 164.7

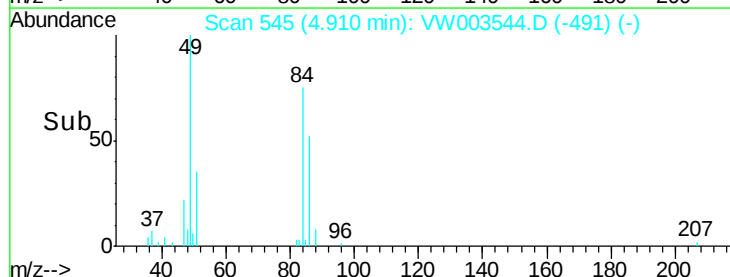
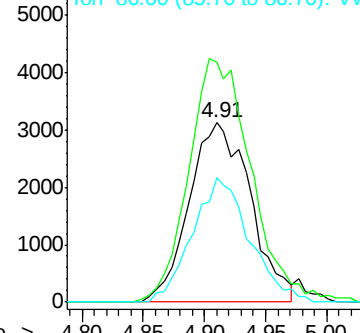
86 69.6 44.2 82.0



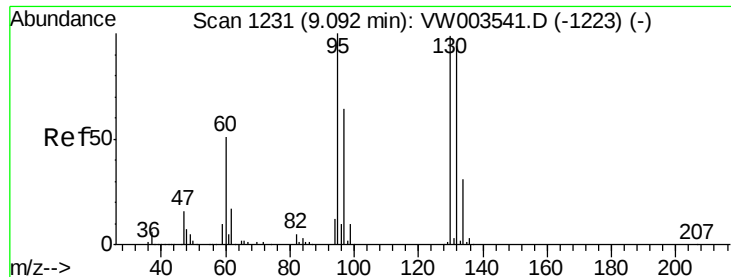
Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



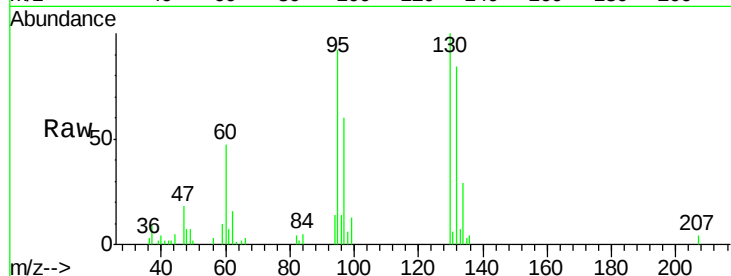
Time-->



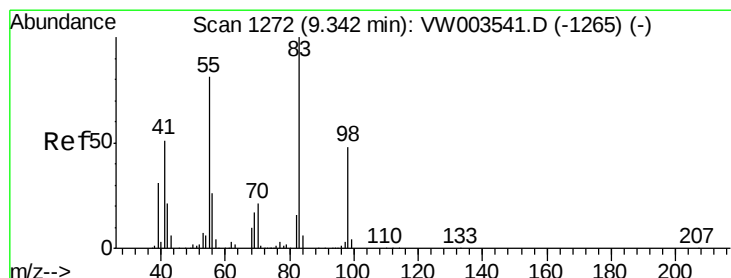
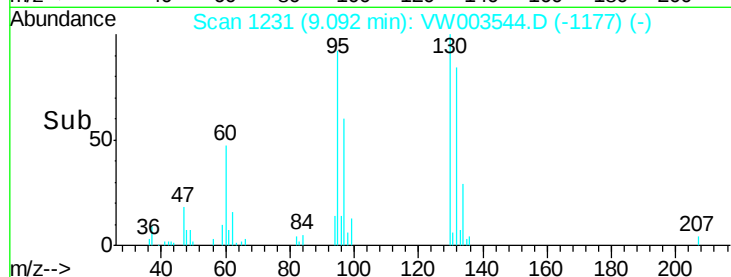
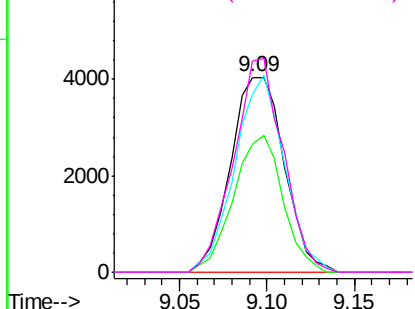
#35
 Trichloroethene
 Concen: 3.021 ug/L
 RT: 9.09 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: VW003544.D
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Tgt Ion: 95 Resp: 8645
 Ion Ratio Lower Upper
 95 100
 97 64.4 45.6 84.6
 132 92.8 67.8 125.8
 130 100.8 70.6 131.0

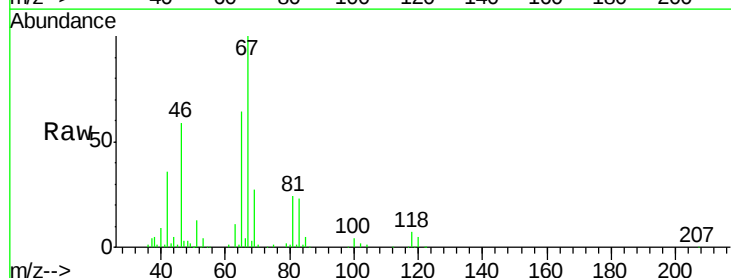


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V



#36
 Methylcyclohexane
 Concen: 3.712 ug/L
 RT: 9.28 min Scan# 1262
 Delta R.T. -0.06 min
 Lab File: VW003544.D
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Tgt Ion: 83 Resp: 18138
 Ion Ratio Lower Upper
 83 100
 55 1.2 63.9 95.9#
 98 1.2 37.1 55.7#



Abundance Ion 83.00 (82.70 to 83.70): VW
 Ion 55.00 (54.70 to 55.70): VW
 Ion 98.00 (97.70 to 98.70): VW

