

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072018\
 Data File : VW004105.D
 Acq On : 21 Jul 2018 05:40
 Operator : SY/AP
 Sample : J4038-23
 Misc : 5.18G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 21 07:01:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 06:22:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	298114	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	304028	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	137160	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	60056	20.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.44%
7) Chloroethane-d5	2.89	69	43009	20.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.96%
10) 1,1-Dichloroethene-d2	4.01	63	105938	14.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.88%
20) 2-Butanone-d5	7.08	46	72097	41.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.38%
24) Chloroform-d	7.65	84	179973	25.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.76%
26) 1,2-Dichloroethane-d4	8.31	65	111942	26.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.08%
29) Benzene-d6	8.27	84	307766	21.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.32%
33) 1,2-Dichloropropane-d6	9.28	67	114000	24.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.96%
37) Toluene-d8	10.33	98	271895	21.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.84%
38) trans-1,3-Dichloropropene-	10.59	79	44087	21.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.32%
39) 2-Hexanone-d5	10.93	63	51147	40.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.80%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	119654	23.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	116670	26.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.80%

Target Compounds

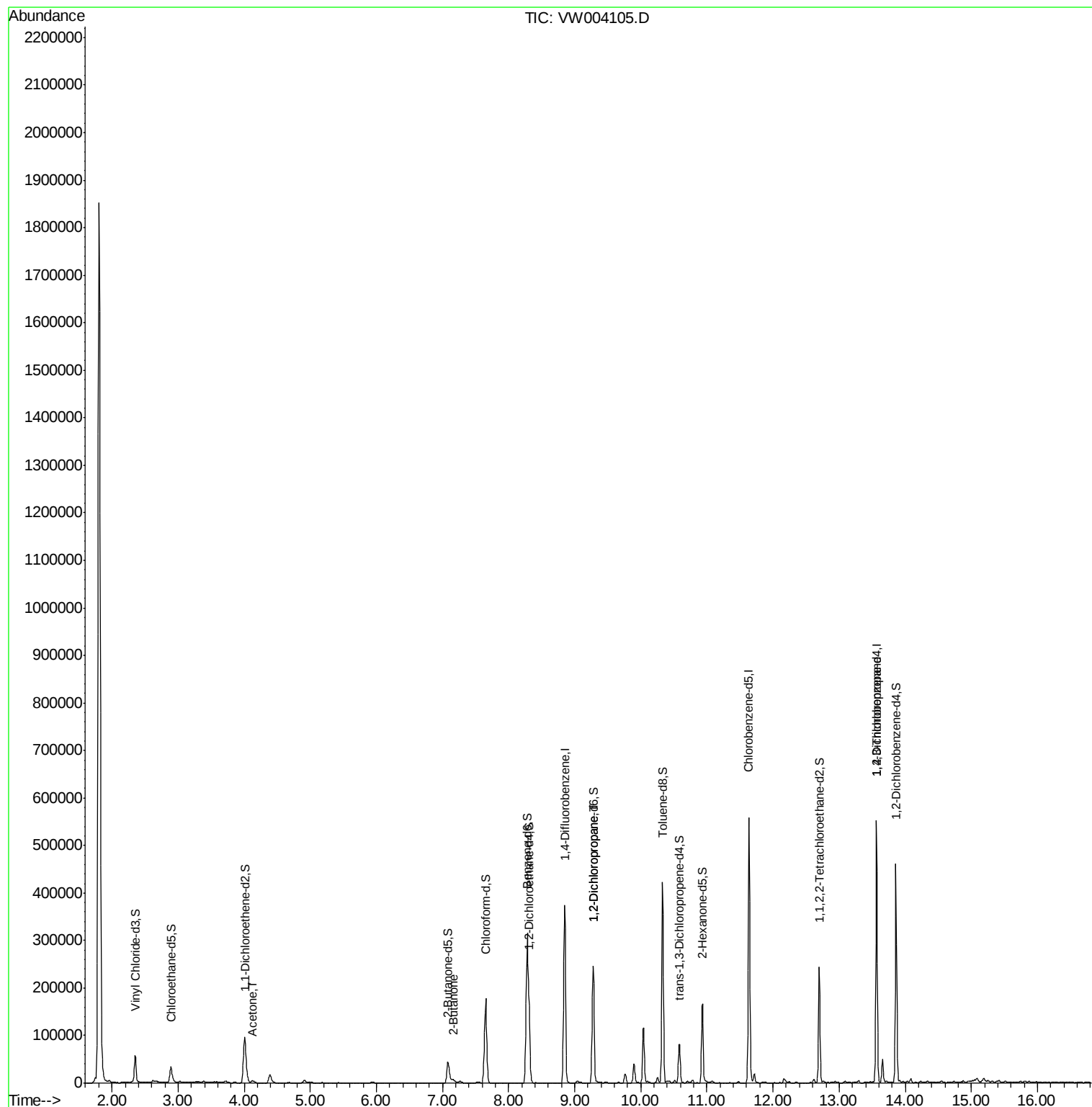
					Ovalue
13) Acetone	4.12	43	6784	3.609 ug/L	59
21) 2-Butanone	7.18	43	5672	2.432 ug/L	92
40) 1,2-Dichloropropane	9.28	63	12903	2.554 ug/L #	89
59) 1,2,3-Trichloropropane	13.57	75	17788	4.094 ug/L	89

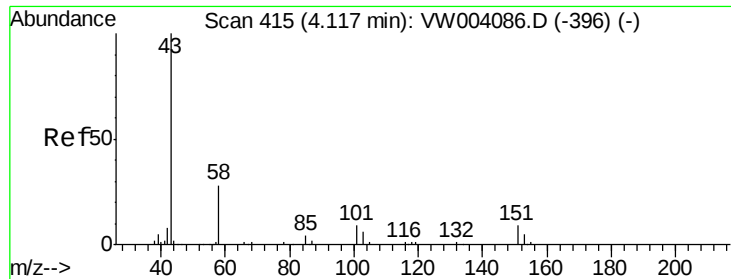
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jul 21 06:22:08 2018
Response via : Initial Calibration

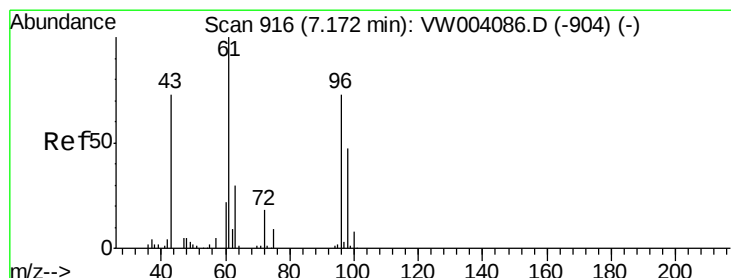
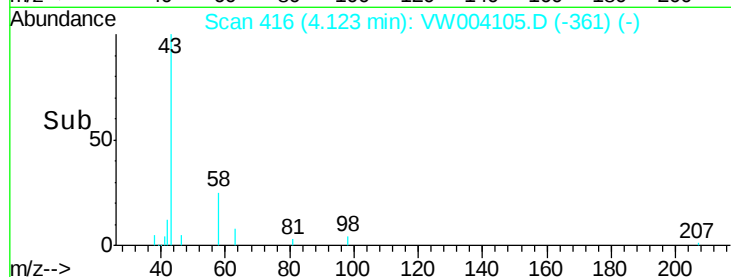
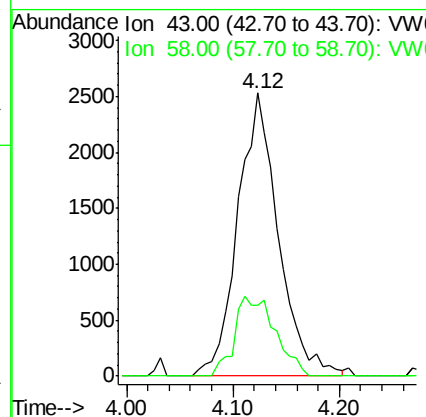
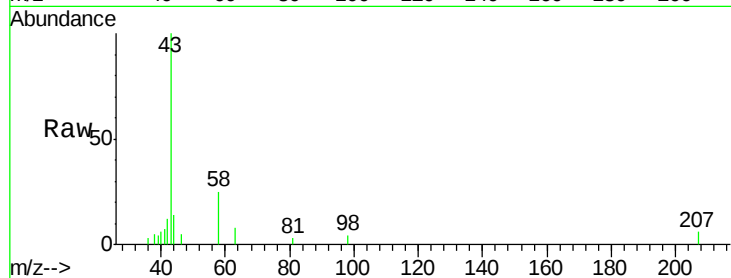




#13
Acetone
Concen: 3.609 ug/L
RT: 4.12 min Scan# 416
Delta R.T. 0.01 min
Lab File: VW004105.D
Acq: 21 Jul 2018 05:40

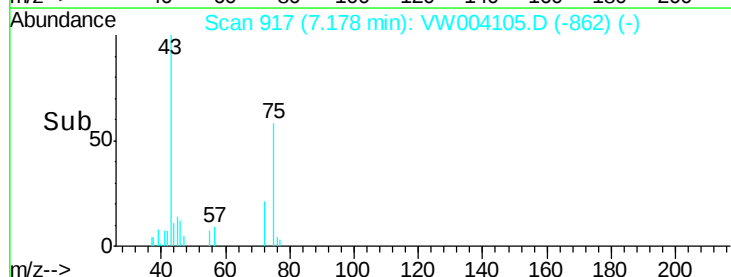
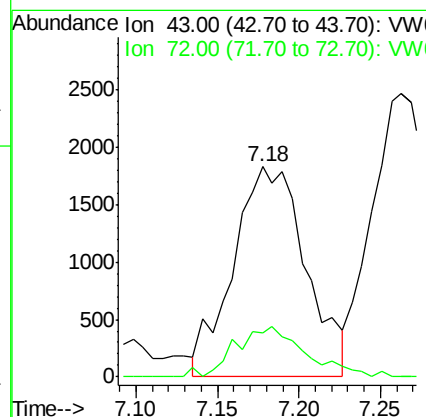
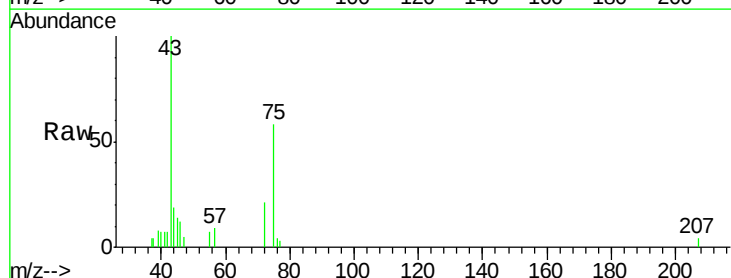
Instrument :
MSVOA_W
ClientSampled :

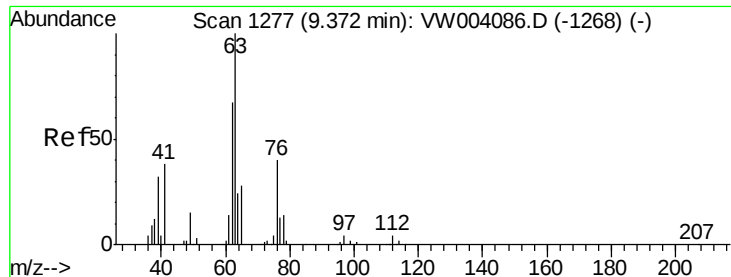
Tot Ion: 43 Resp: 6784
Ion Ratio Lower Upper
43 100
58 7.6 0.0 59.4



#21
2-Butanone
Concen: 2.432 ug/L
RT: 7.18 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW004105.D
Acq: 21 Jul 2018 05:40

Tgt Ion: 43 Resp: 5672
Ion Ratio Lower Upper
43 100
72 20.3 12.1 36.3





#40

1,2-Dichloropropane

Concen: 2.554 ug/L

RT: 9.28 min Scan# 1262

Delta R.T. -0.09 min

Lab File: VW004105.D

Acq: 21 Jul 2018 05:40

Instrument :

MSVOA_W

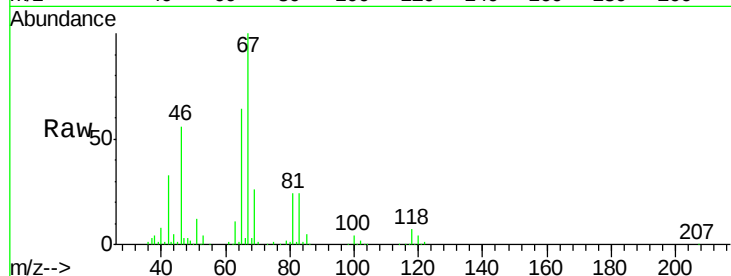
ClientSampled :

Tot Ion: 63 Resp: 12903

Ion Ratio Lower Upper

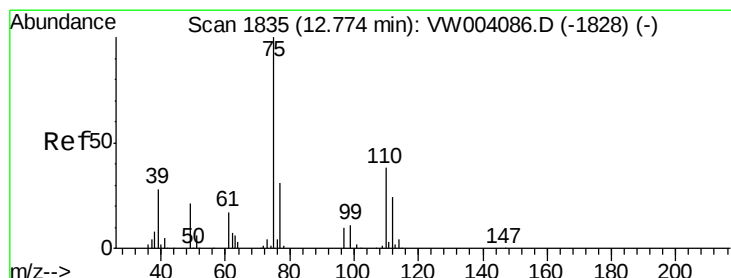
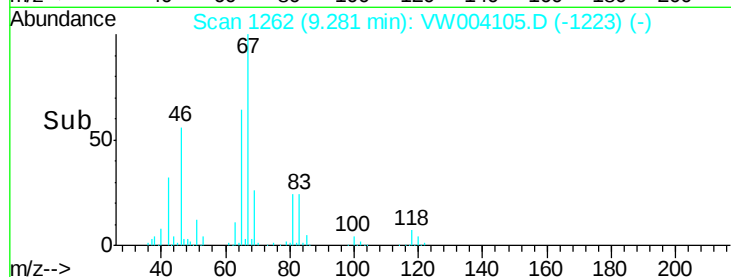
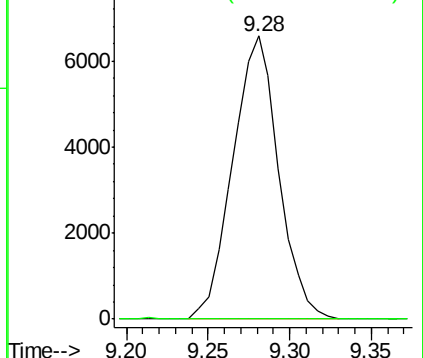
63 100

112 0.0 3.0 4.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#59

1,2,3-Trichloropropane

Concen: 4.094 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW004105.D

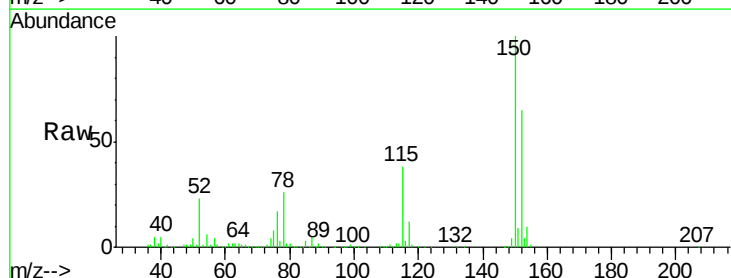
Acq: 21 Jul 2018 05:40

Tgt Ion: 75 Resp: 17788

Ion Ratio Lower Upper

75 100

77 37.8 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

