

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072018\
 Data File : VW004104.D
 Acq On : 21 Jul 2018 05:15
 Operator : SY/AP
 Sample : J4038-22
 Misc : 5.45G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 21 06:24:21 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	33996	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	29945	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	9715	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	11289	33.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	134.28%
7) Chloroethane-d5	2.89	69	9006	37.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	148.64%
10) 1,1-Dichloroethene-d2	4.02	63	19489	24.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.64%
20) 2-Butanone-d5	7.09	46	6152	31.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.40%
24) Chloroform-d	7.65	84	25534	31.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	126.60%
26) 1,2-Dichloroethane-d4	8.31	65	15200	31.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	125.12%
29) Benzene-d6	8.28	84	41048	29.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.20%
33) 1,2-Dichloropropane-d6	9.28	67	15077	32.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	130.16%#
37) Toluene-d8	10.33	98	28223	22.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.44%
38) trans-1,3-Dichloropropene-	10.58	79	3966	19.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.92%
39) 2-Hexanone-d5	10.93	63	3352	26.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.76%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	16140	31.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	127.20%#
61) 1,2-Dichlorobenzene-d4	13.87	152	8257	26.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.72%

Target Compounds

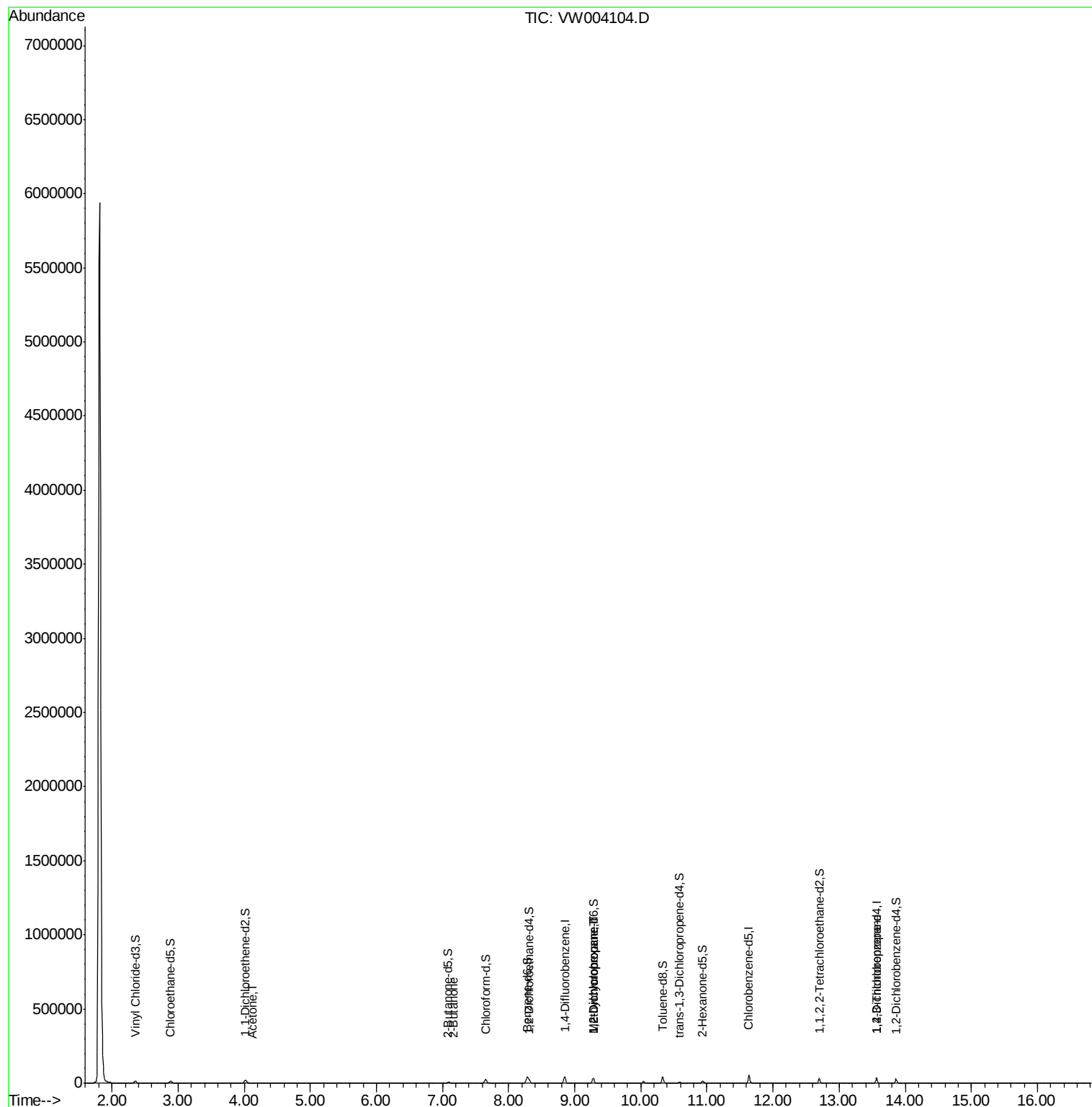
					Ovalue
13) Acetone	4.12	43	1416	6.605 ug/L	62
21) 2-Butanone	7.17	43	776	2.917 ug/L #	51
36) Methylcyclohexane	9.29	83	3508	4.322 ug/L #	16
40) 1,2-Dichloropropane	9.28	63	1796	3.609 ug/L #	89
59) 1,2,3-Trichloropropane	13.56	75	1323	3.092 ug/L #	70

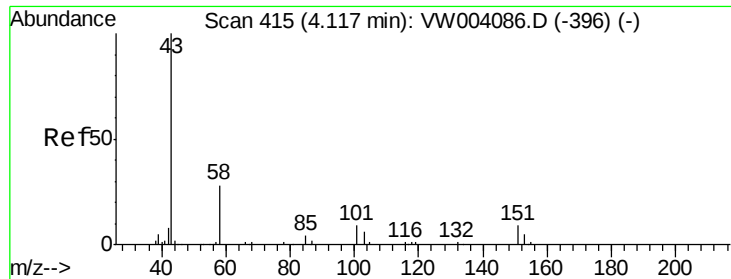
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.605 ug/L

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW004104.D

Acq: 21 Jul 2018 05:15

Instrument :

MSVOA_W

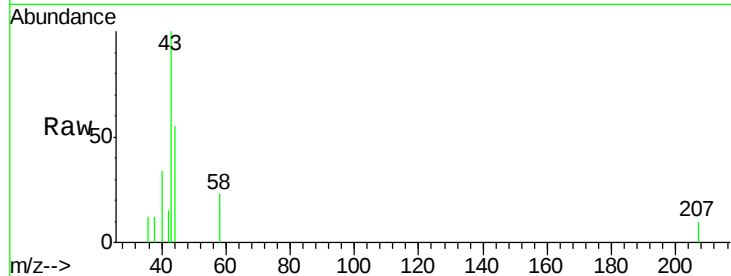
ClientSampled :

Tot Ion: 43 Resp: 1416

Ion Ratio Lower Upper

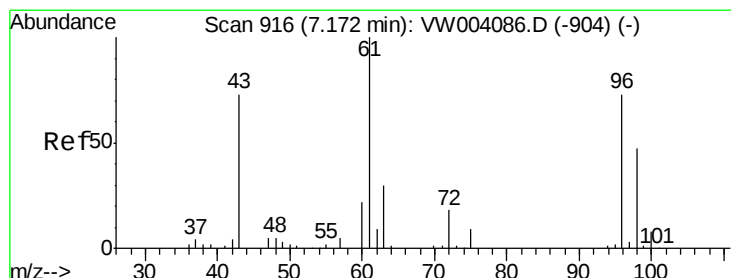
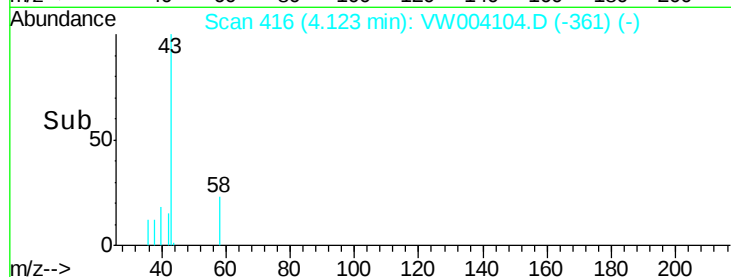
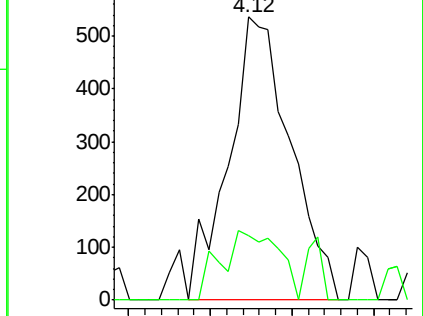
43 100

58 9.4 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 2.917 ug/L

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW004104.D

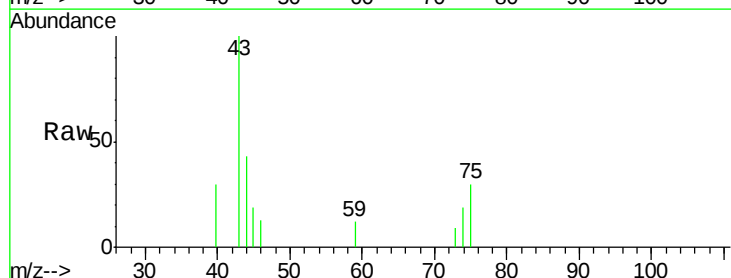
Acq: 21 Jul 2018 05:15

Tgt Ion: 43 Resp: 776

Ion Ratio Lower Upper

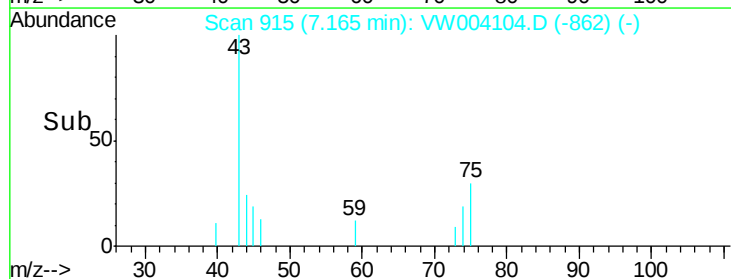
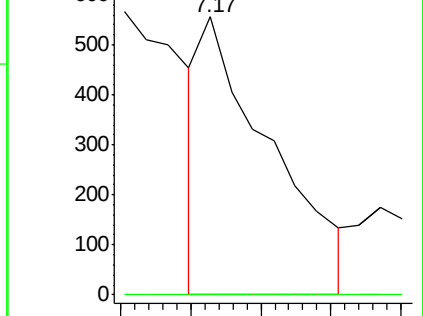
43 100

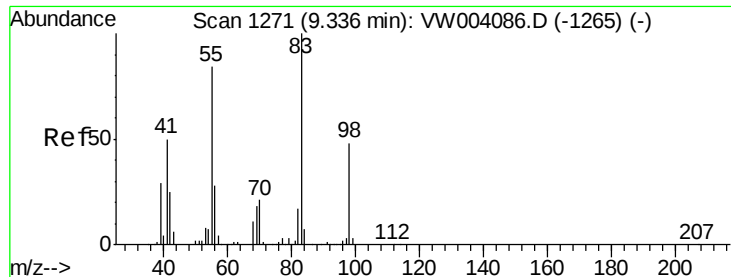
72 0.0 12.1 36.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

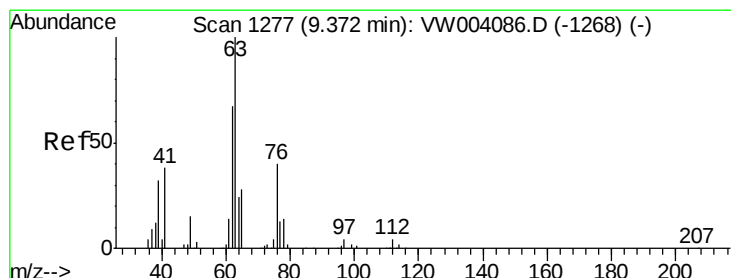
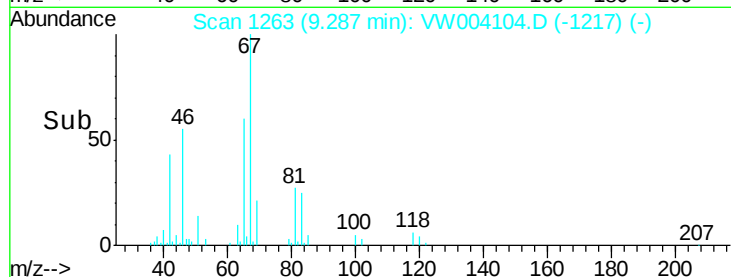
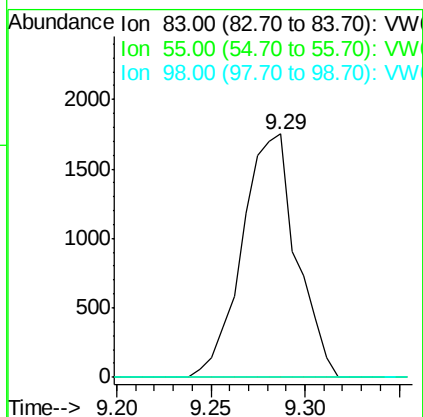
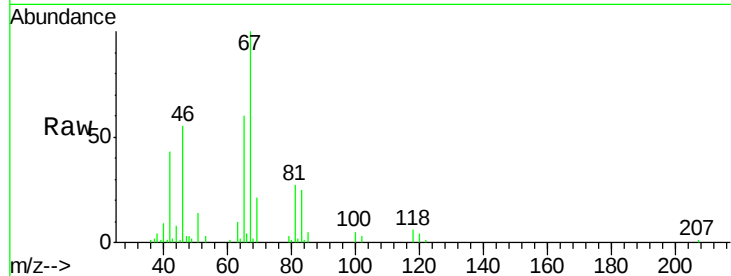




#36
Methylcyclohexane
Concen: 4.322 ug/L
RT: 9.29 min Scan# 1263
Delta R.T. -0.05 min
Lab File: VW004104.D
Acq: 21 Jul 2018 05:15

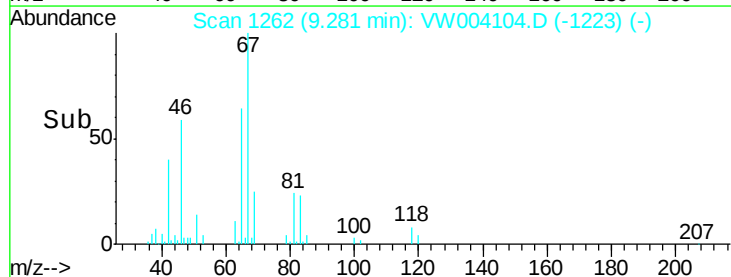
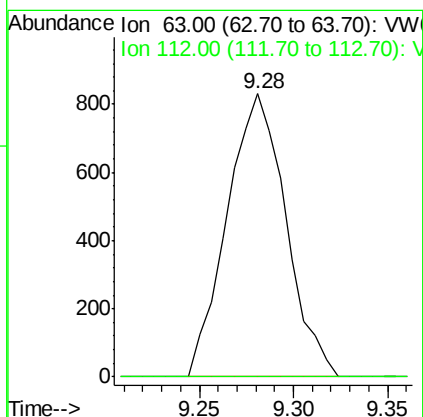
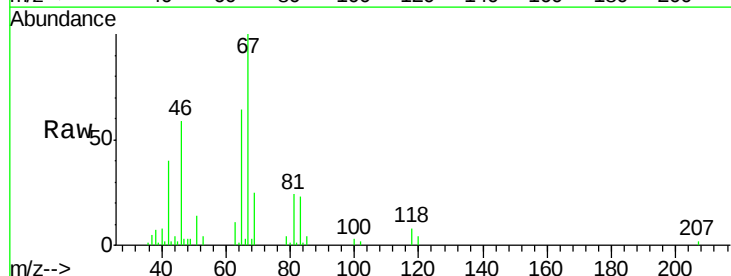
Instrument :
MSVOA_W
ClientSampleId :

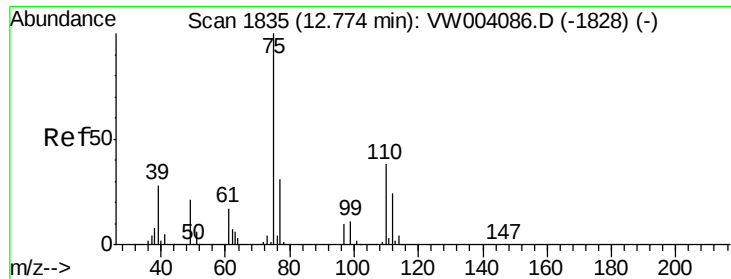
Tot Ion: 83 Resp: 3508
Ion Ratio Lower Upper
83 100
55 0.0 65.8 98.6#
98 0.0 37.0 55.6#



#40
1,2-Dichloropropane
Concen: 3.609 ug/L
RT: 9.28 min Scan# 1262
Delta R.T. -0.09 min
Lab File: VW004104.D
Acq: 21 Jul 2018 05:15

Tgt Ion: 63 Resp: 1796
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#59

1,2,3-Trichloropropane

Concen: 3.092 ug/L

RT: 13.56 min Scan# 1964

Delta R.T. 0.79 min

Lab File: VW004104.D

Acq: 21 Jul 2018 05:15

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 1323

Ion Ratio Lower Upper

75 100

77 48.3 25.4 38.0#

