

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072018\  
 Data File : VW004102.D  
 Acq On : 21 Jul 2018 04:23  
 Operator : SY/AP  
 Sample : J4038-20  
 Misc : 6.47G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jul 21 06:24:07 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	114653	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	100371	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	33568	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	31420	27.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.80%
7) Chloroethane-d5	2.89	69	21939	26.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.36%
10) 1,1-Dichloroethene-d2	4.01	63	51735	19.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.04%
20) 2-Butanone-d5	7.08	46	23298	35.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.06%
24) Chloroform-d	7.65	84	72865	26.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.12%
26) 1,2-Dichloroethane-d4	8.31	65	43987	26.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.36%
29) Benzene-d6	8.28	84	125617	26.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.92%
33) 1,2-Dichloropropane-d6	9.28	67	45391	29.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.92%
37) Toluene-d8	10.33	98	97475	23.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.20%
38) trans-1,3-Dichloropropene-	10.58	79	12258	17.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.84%
39) 2-Hexanone-d5	10.93	63	13986	33.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.92%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	45506	26.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	27921	25.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.48%

Target Compounds

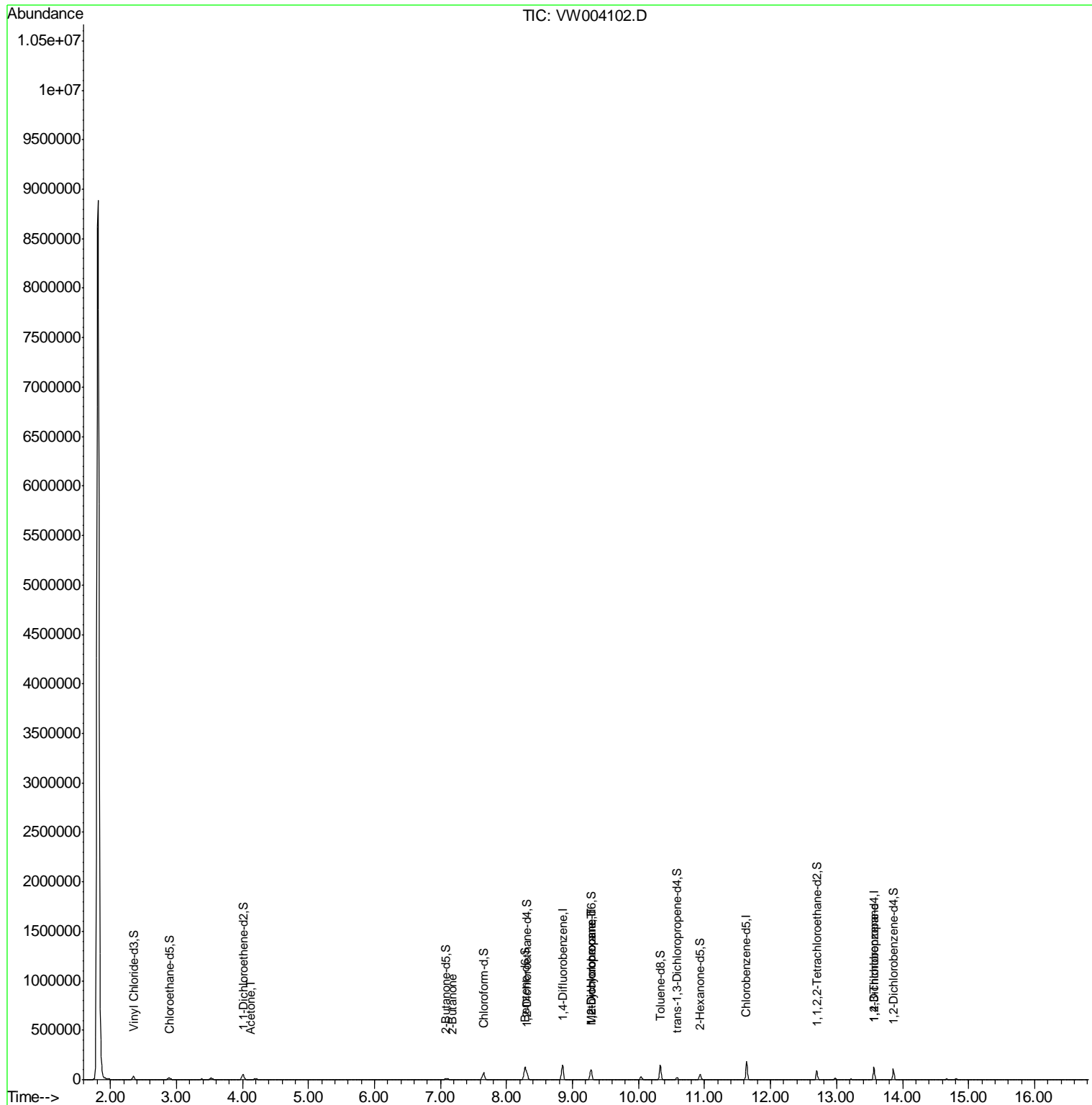
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	7279	10.068	ug/L	87
21) 2-Butanone	7.18	43	3805	4.242	ug/L #	62
36) Methylcyclohexane	9.28	83	10398	3.822	ug/L #	16
40) 1,2-Dichloropropane	9.27	63	5506	3.301	ug/L #	89
59) 1,2,3-Trichloropropane	13.57	75	3887	2.710	ug/L #	86

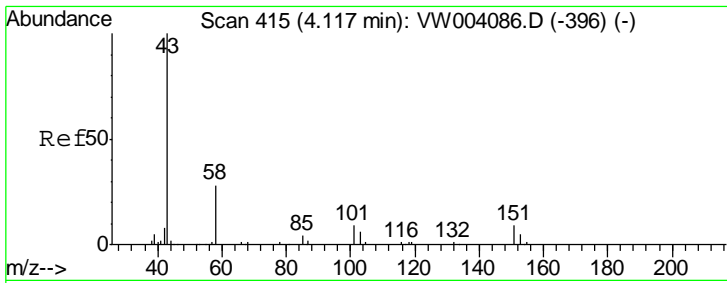
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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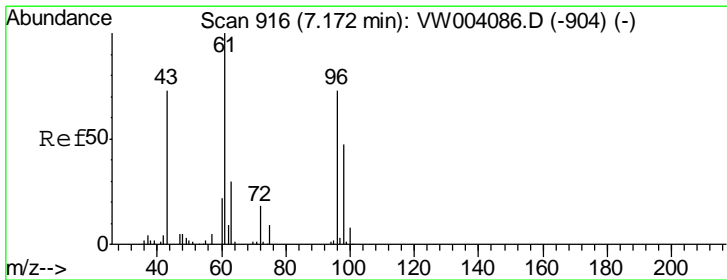
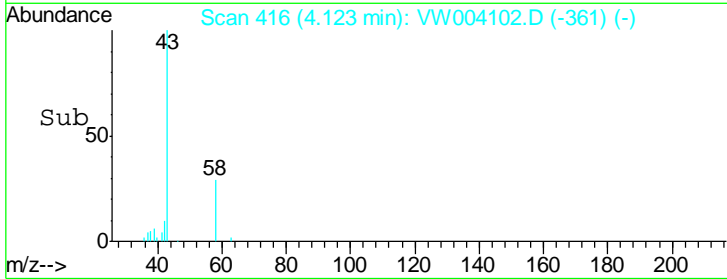
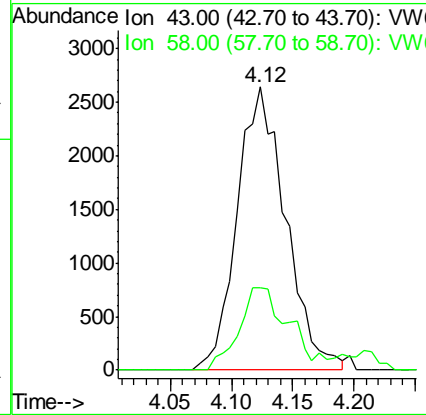
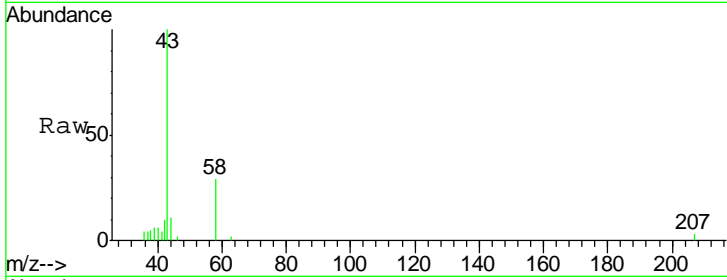




#13  
 Acetone  
 Concen: 10.068 ug/L  
 RT: 4.12 min Scan# 416  
 Delta R.T. 0.01 min  
 Lab File: VW004102.D  
 Acq: 21 Jul 2018 04:23

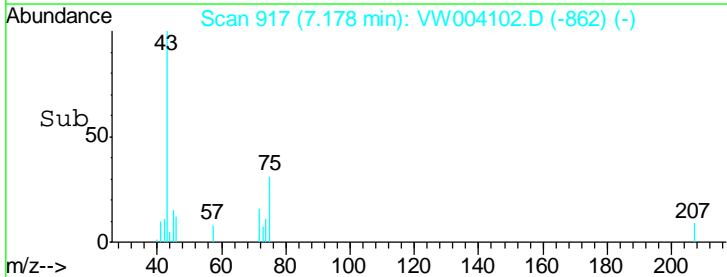
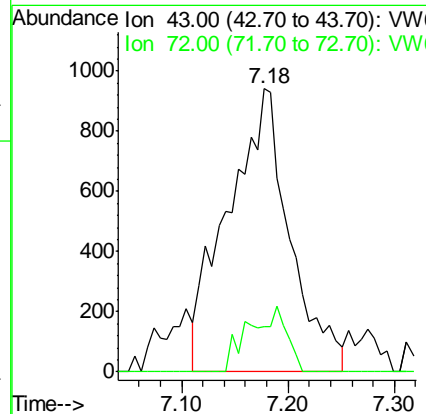
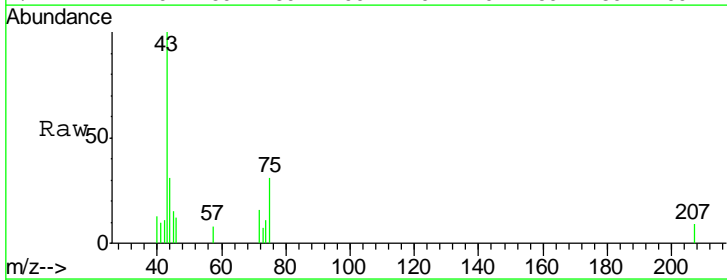
Instrument :  
 MSVOA\_W  
 ClientSampled :

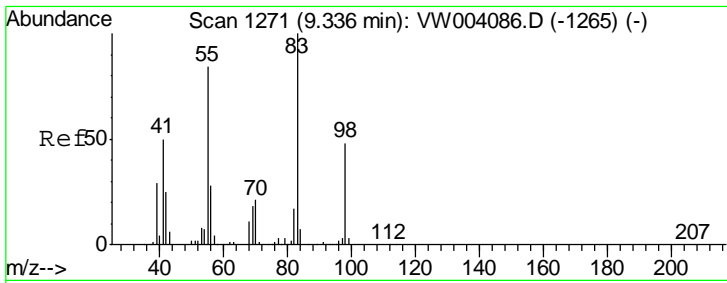
Tgt Ion	Resp	Lower	Upper
43	100		
58	22.9	0.0	59.4



#21  
 2-Butanone  
 Concen: 4.242 ug/L  
 RT: 7.18 min Scan# 917  
 Delta R.T. 0.01 min  
 Lab File: VW004102.D  
 Acq: 21 Jul 2018 04:23

Tgt Ion	Resp	Lower	Upper
43	100		
72	5.2	12.1	36.3#

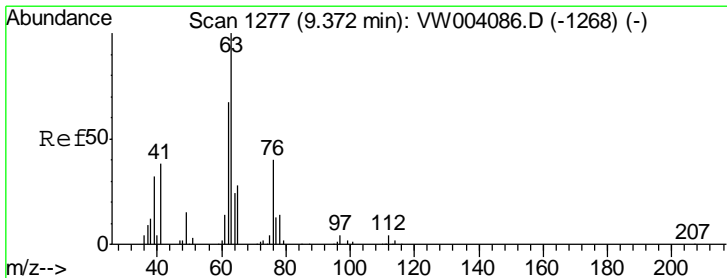
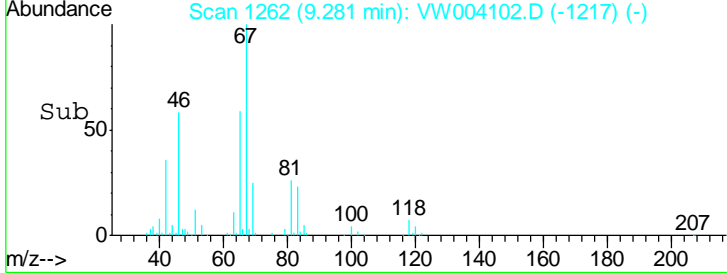
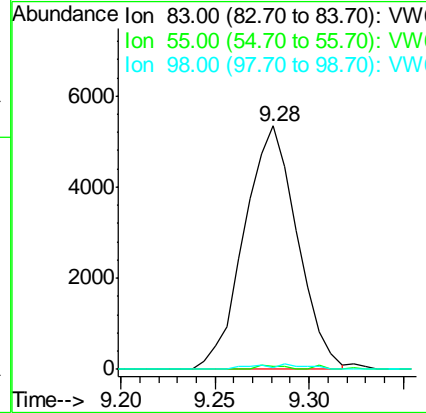
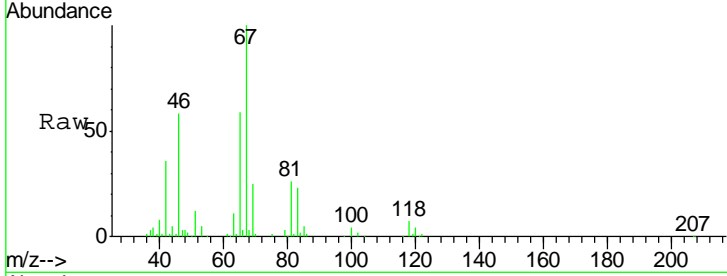




#36  
 Methylcyclohexane  
 Concen: 3.822 ug/L  
 RT: 9.28 min Scan# 1262  
 Delta R.T. -0.05 min  
 Lab File: VW004102.D  
 Acq: 21 Jul 2018 04:23

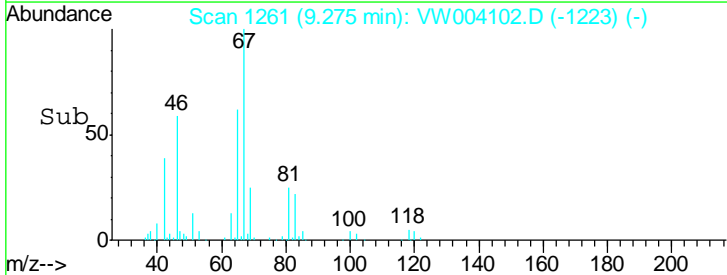
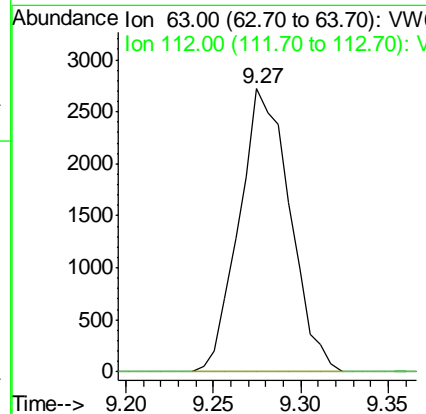
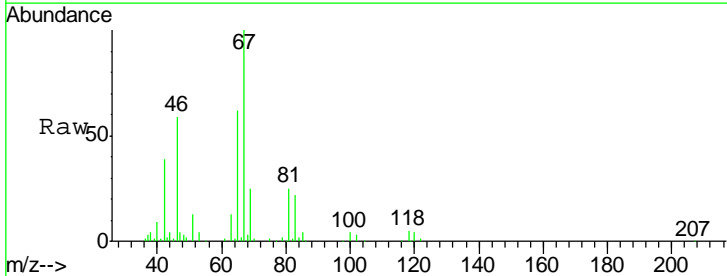
Instrument :  
 MSVOA\_W  
 ClientSampled :

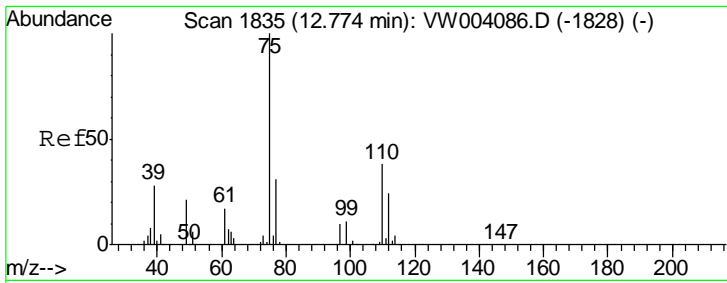
Tgt Ion	Resp	Lower	Upper
83	10398		
55	0.0	65.8	98.6#
98	0.6	37.0	55.6#



#40  
 1,2-Dichloropropane  
 Concen: 3.301 ug/L  
 RT: 9.27 min Scan# 1261  
 Delta R.T. -0.10 min  
 Lab File: VW004102.D  
 Acq: 21 Jul 2018 04:23

Tgt Ion	Resp	Lower	Upper
63	5506		
112	0.0	3.0	4.4#





#59  
 1,2,3-Trichloropropane  
 Concen: 2.710 ug/L  
 RT: 13.57 min Scan# 1966  
 Delta R.T. 0.80 min  
 Lab File: VW004102.D  
 Acq: 21 Jul 2018 04:23

Instrument :  
 MSVOA\_W  
 ClientSampled :

Tot Ion: 75 Resp: 3887  
 Ion Ratio Lower Upper  
 75 100  
 77 39.4 25.4 38.0#

