

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081618\
 Data File : VW004691.D
 Acq On : 15 Aug 2018 11:41
 Operator : SY/AP
 Sample : J4450-19
 Misc : 6.28G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 16 02:40:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081418S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 16 02:39:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	1036479	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1044918	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	464664	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	381966	23.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.72%
7) Chloroethane-d5	2.90	69	300915	23.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.52%
10) 1,1-Dichloroethene-d2	4.01	63	526494	17.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.88%
20) 2-Butanone-d5	7.09	46	136252	30.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.12%
24) Chloroform-d	7.65	84	96122	3.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	13.84%#
26) 1,2-Dichloroethane-d4	8.31	65	346732	23.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.24%
29) Benzene-d6	8.28	84	1331960	22.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.92%
33) 1,2-Dichloropropane-d6	9.28	67	427374	23.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.92%
37) Toluene-d8	10.33	98	1204062	22.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.60%
38) trans-1,3-Dichloropropene-	10.59	79	162330	21.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.84%
39) 2-Hexanone-d5	10.93	63	97418	26.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.56%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	1165	0.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.28%#
61) 1,2-Dichlorobenzene-d4	13.86	152	452906	25.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.76%

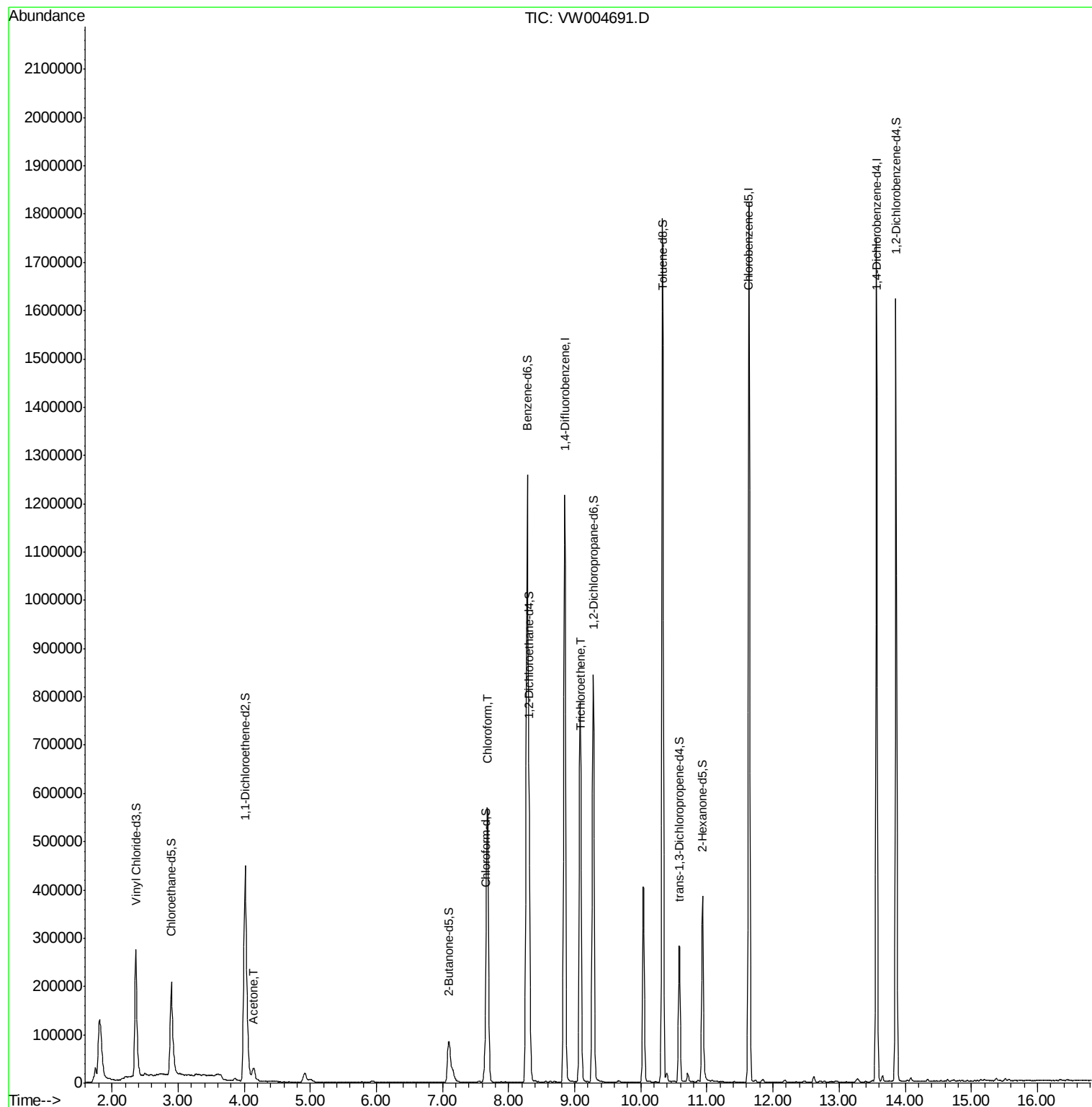
Target Compounds					Ovalue
13) Acetone	4.14	43	39400	9.633 ug/L	73
25) Chloroform	7.68	83	556187	19.823 ug/L	100
35) Trichloroethene	9.10	95	57403	3.429 ug/L	93

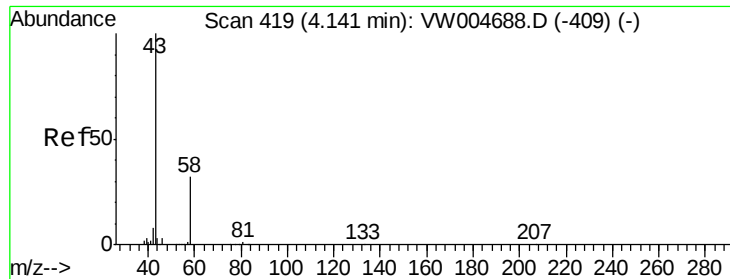
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.633 ug/L

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

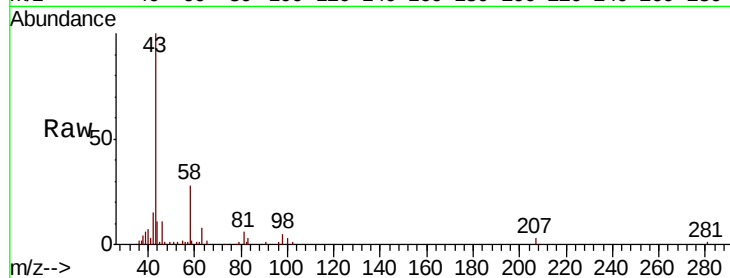
ClientSampleId :

Tot Ion: 43 Resp: 39400

Ion Ratio Lower Upper

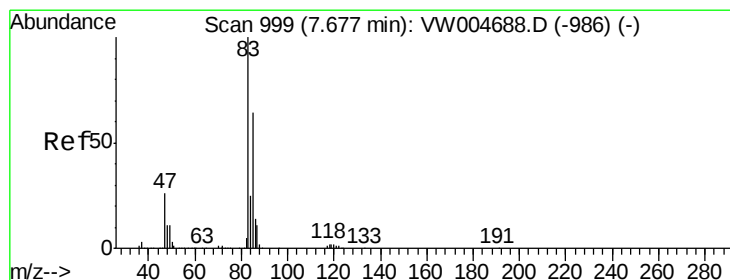
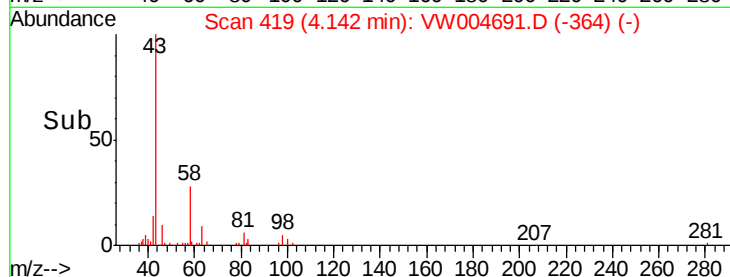
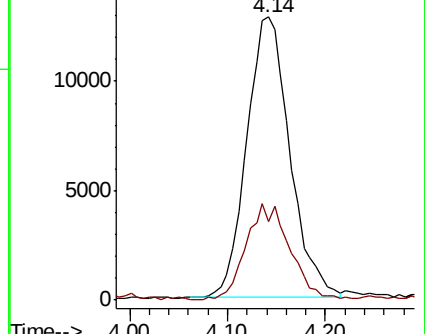
43 100

58 18.9 0.0 69.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#25

Chloroform

Concen: 19.823 ug/L

RT: 7.68 min Scan# 999

Delta R.T. 0.00 min

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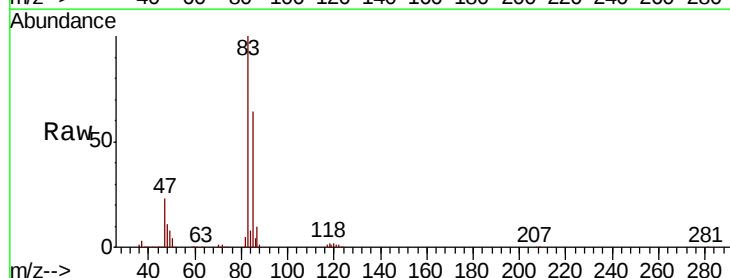
Acq: 15 Aug 2018 11:41

Tgt Ion: 83 Resp: 556187

Ion Ratio Lower Upper

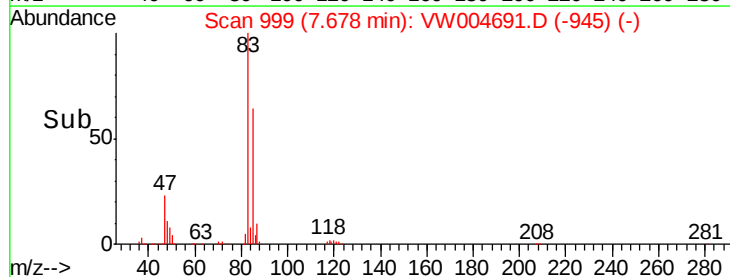
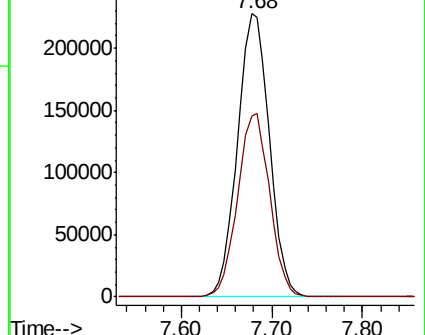
83 100

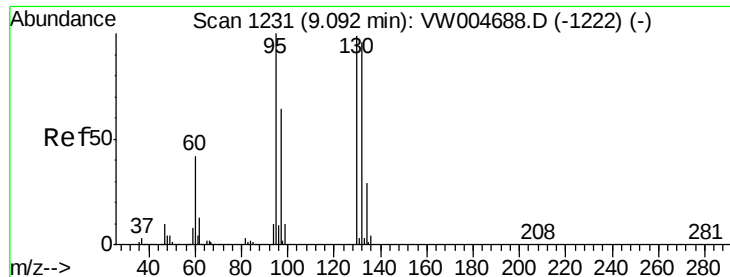
85 65.0 45.5 84.5



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW





#35

Trichloroethene

Concen: 3.429 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

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MSVOA_W
ClientSampleId :

Tot Ion: 95 Resp: 57403

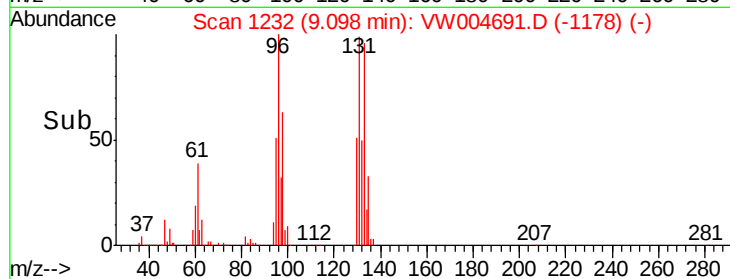
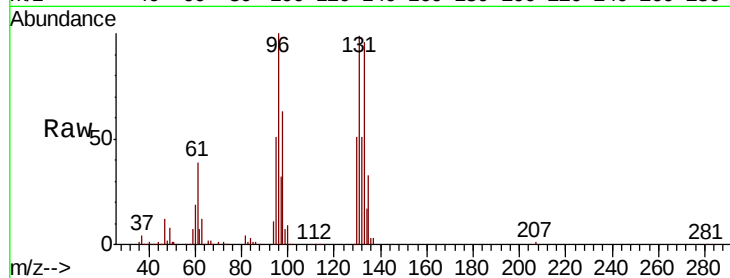
Ion Ratio Lower Upper

95 100

97 74.0 45.1 83.9

132 107.2 68.8 127.8

130 101.5 71.5 132.9



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

