

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081618\
 Data File : VW004690.D
 Acq On : 15 Aug 2018 11:15
 Operator : SY/AP
 Sample : J4450-18
 Misc : 5.75G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 16 02:39:54 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	919220	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	928594	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	399565	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	359467	24.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.40%
7) Chloroethane-d5	2.90	69	278342	24.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.56%
10) 1,1-Dichloroethene-d2	4.01	63	483602	18.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.40%
20) 2-Butanone-d5	7.09	46	175954	44.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.02%
24) Chloroform-d	7.65	84	178522	7.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	29.00%#
26) 1,2-Dichloroethane-d4	8.31	65	335712	25.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.88%
29) Benzene-d6	8.28	84	1217472	23.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.52%
33) 1,2-Dichloropropane-d6	9.28	67	392151	24.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.96%
37) Toluene-d8	10.33	98	1085536	23.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.92%
38) trans-1,3-Dichloropropene-	10.58	79	156855	23.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.52%
39) 2-Hexanone-d5	10.93	63	135395	41.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.76%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	14133	0.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	3.72%#
61) 1,2-Dichlorobenzene-d4	13.87	152	407854	26.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.64%

Target Compounds

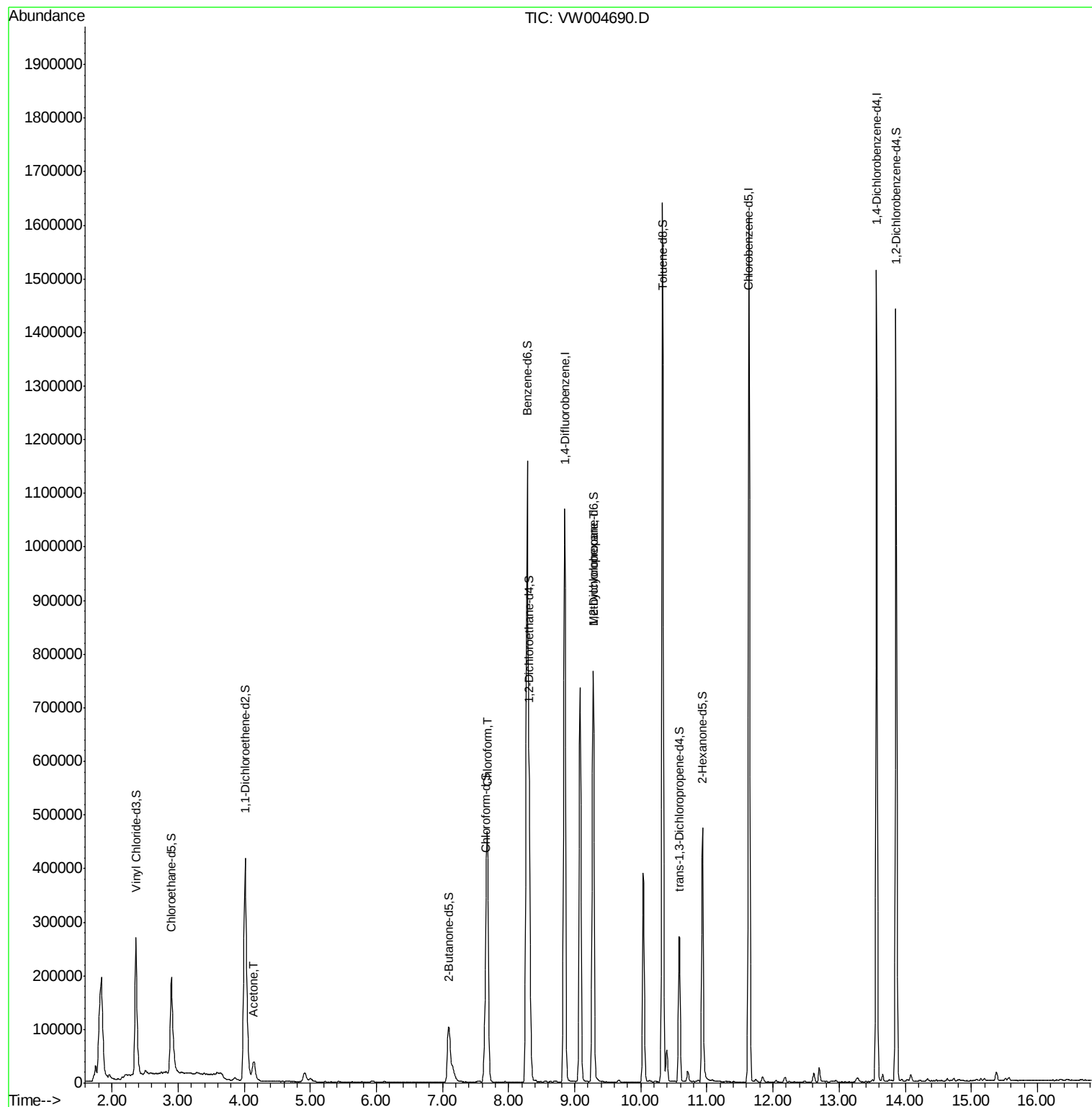
					Ovalue
13) Acetone	4.15	43	61902	17.064	ug/L 100
25) Chloroform	7.68	83	422633	16.985	ug/L 100
36) Methylcyclohexane	9.28	83	89053	3.209	ug/L # 19

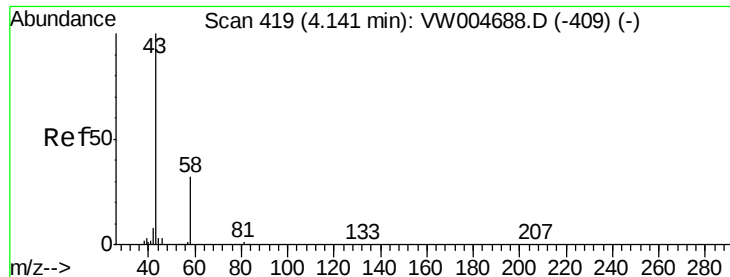
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 16 02:39:24 2018
Response via : Initial Calibration





#13

Acetone

Concen: 17.064 ug/L

RT: 4.15 min Scan# 420

Delta R.T. 0.01 min

Lab File: VW004690.D

Acq: 15 Aug 2018 11:15

Instrument :

MSVOA_W

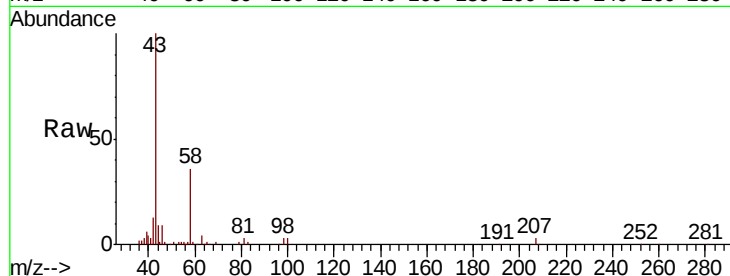
ClientSampled :

Tot Ion: 43 Resp: 61902

Ion Ratio Lower Upper

43 100

58 34.6 0.0 69.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

20000

15000

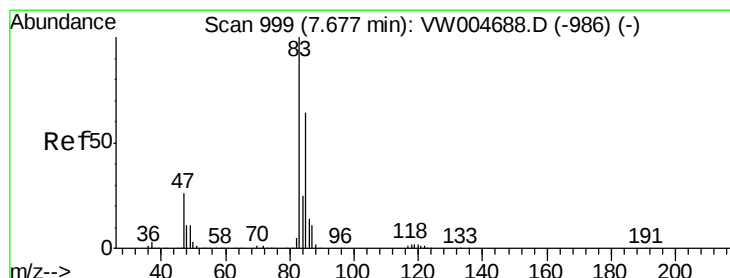
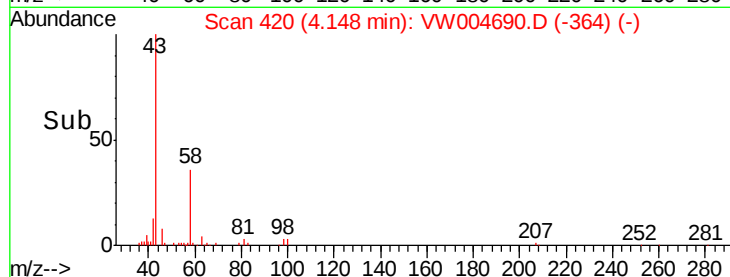
10000

5000

0

4.00 4.10 4.20 4.30

Time-->



#25

Chloroform

Concen: 16.985 ug/L

RT: 7.68 min Scan# 999

Delta R.T. -0.00 min

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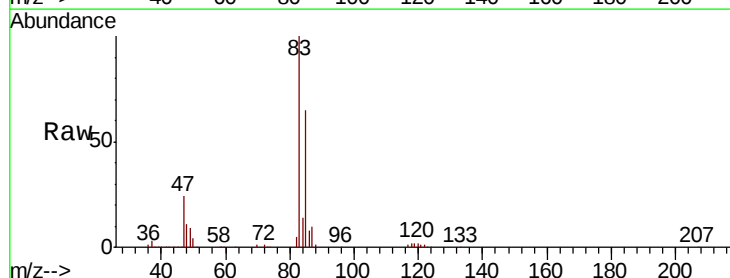
Acq: 15 Aug 2018 11:15

Tgt Ion: 83 Resp: 422633

Ion Ratio Lower Upper

83 100

85 64.8 45.5 84.5



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

200000

150000

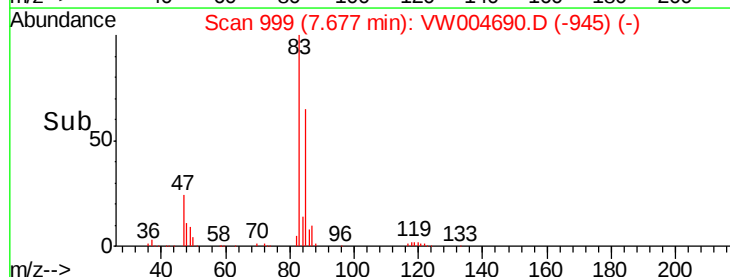
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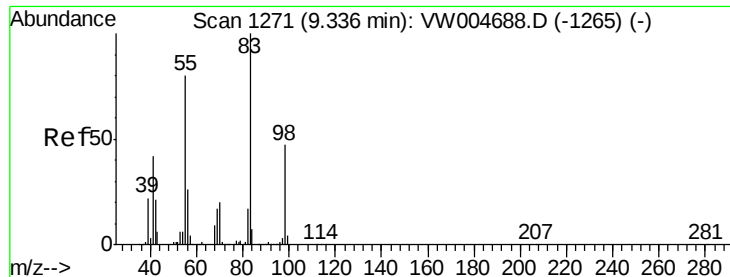
50000

0

7.60 7.70 7.80

Time-->





#36
 Methvlcvclohexane
 Concen: 3.209 ug/L
 RT: 9.28 min Scan# 1262
 Delta R.T. -0.06 min
 Lab File: VW004690.D
 Acq: 15 Aug 2018 11:15

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.4	92.2#
98	1.0	36.2	54.4#

