

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111418\
 Data File : VW006888.D
 Acq On : 15 Nov 2018 01:09
 Operator : SY/AP
 Sample : J5944-07
 Misc : 5.76G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETHS5

Quant Time: Nov 15 10:37:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 15 03:38:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	183193	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	180856	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	85754	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	38910	23.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.68%
7) Chloroethane-d5	2.89	69	30413	25.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.92%
10) 1,1-Dichloroethene-d2	4.02	63	77015	17.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.92%
20) 2-Butanone-d5	7.09	46	37632	41.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.98%
24) Chloroform-d	7.65	84	98701	24.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.36%
26) 1,2-Dichloroethane-d4	8.31	65	62392	27.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.04%
29) Benzene-d6	8.28	84	216525	22.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.60%
33) 1,2-Dichloropropane-d6	9.27	67	68990	23.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.36%
37) Toluene-d8	10.33	98	223935	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.52%
38) trans-1,3-Dichloropropene-	10.58	79	29058	23.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.52%
39) 2-Hexanone-d5	10.93	63	31444	43.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	59463	23.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	79547	24.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.96%

Target Compounds

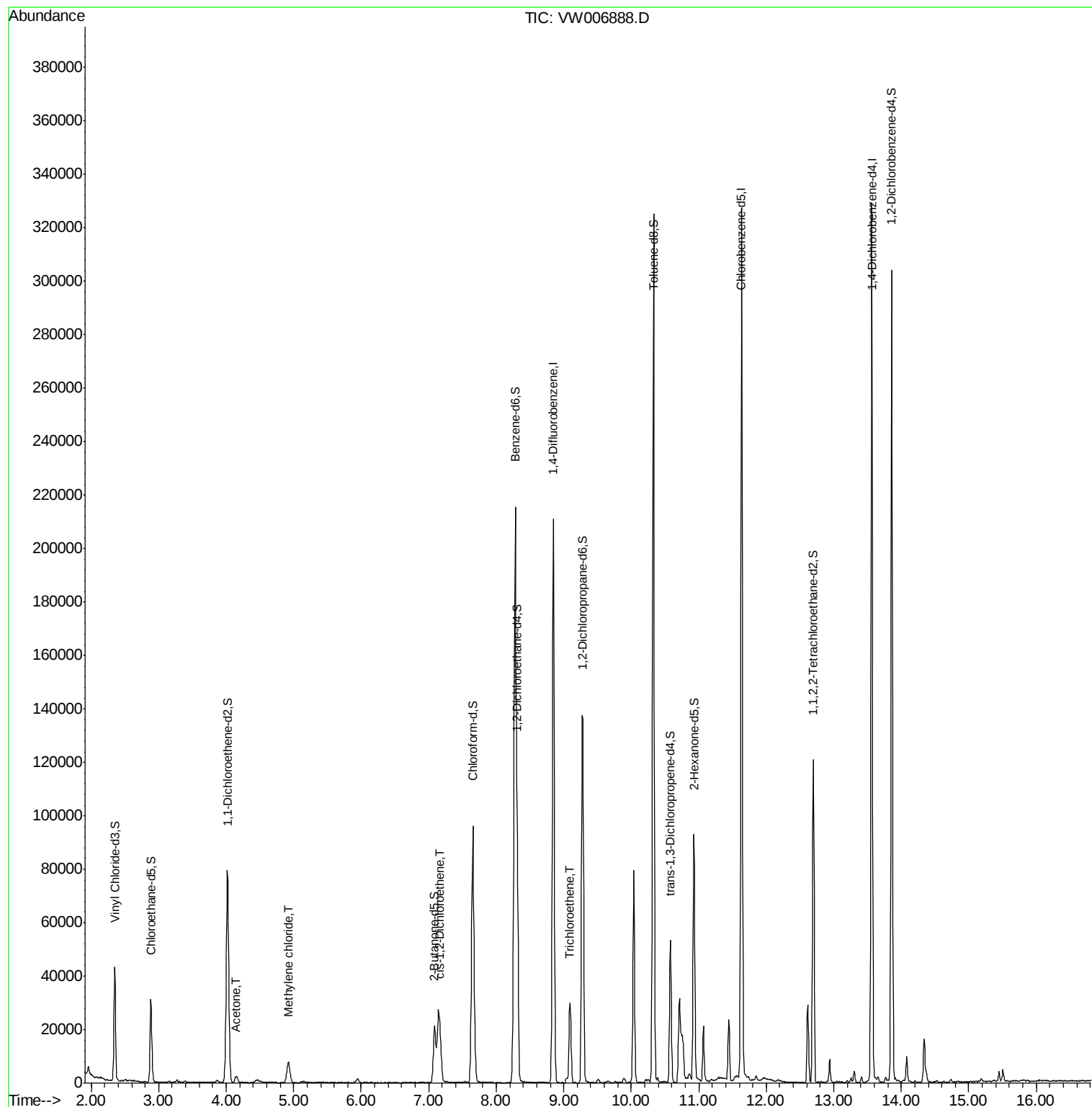
					Ovalue
13) Acetone	4.15	43	3358	5.815 ug/L	97
16) Methylene chloride	4.93	84	6521m	2.036 ug/L	
22) cis-1,2-Dichloroethene	7.17	96	5434	2.227 ug/L	97
35) Trichloroethene	9.09	95	10818	3.927 ug/L	98

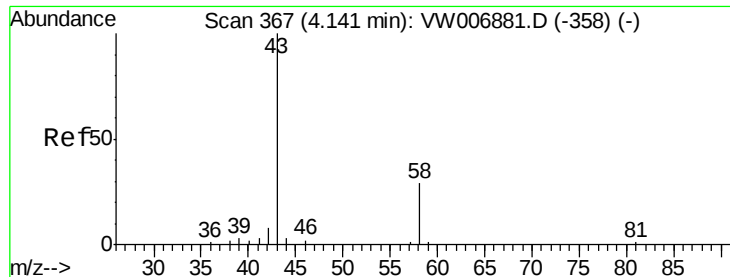
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.815 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW006888.D

Acq: 15 Nov 2018 01:09

Instrument :

MSVOA_W

ClientSampled :

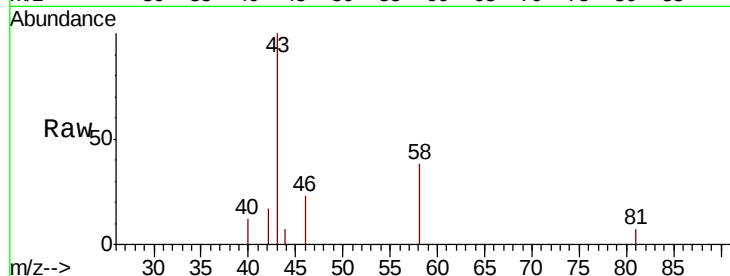
ETHS5

Tot Ion: 43 Resp: 3358

Ion Ratio Lower Upper

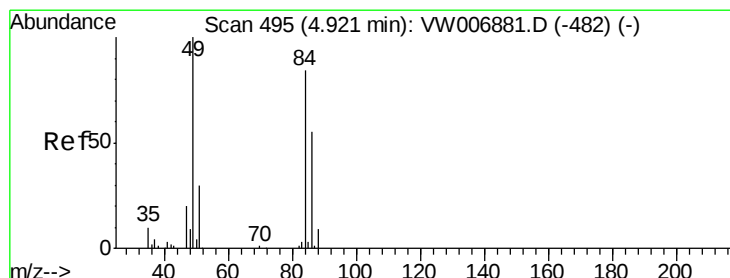
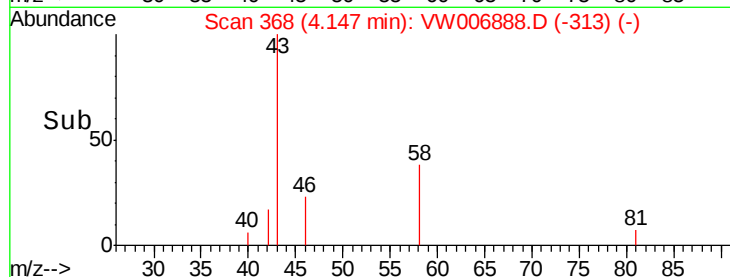
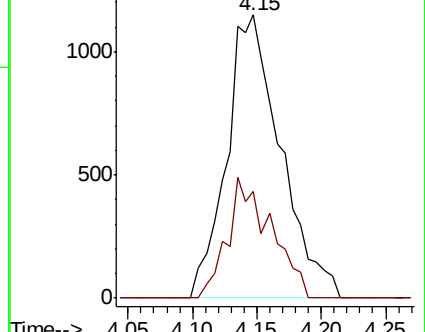
43 100

58 34.6 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.036 ug/L m

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW006888.D

Acq: 15 Nov 2018 01:09

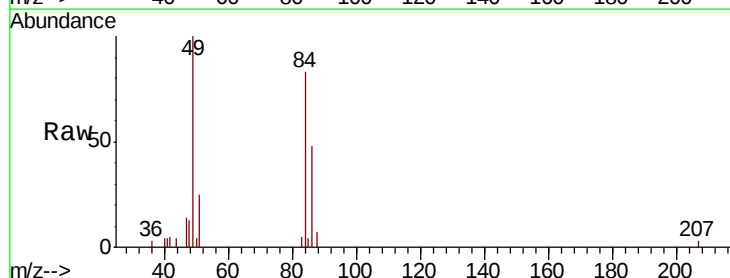
Tgt Ion: 84 Resp: 6521

Ion Ratio Lower Upper

84 100

49 120.0 79.3 147.3

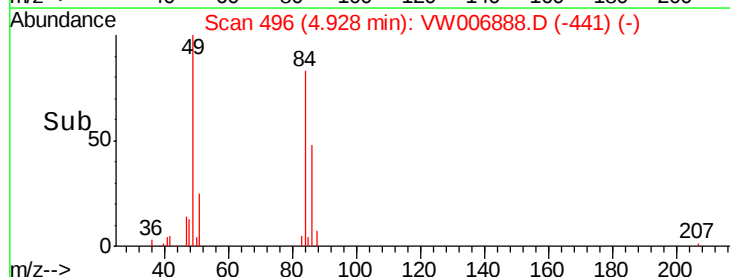
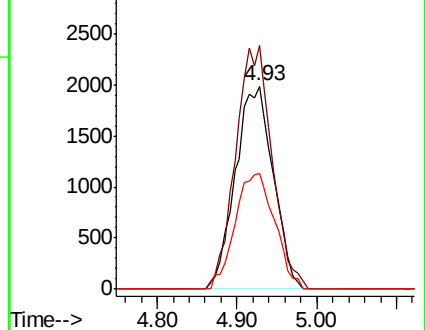
86 57.0 43.5 80.9

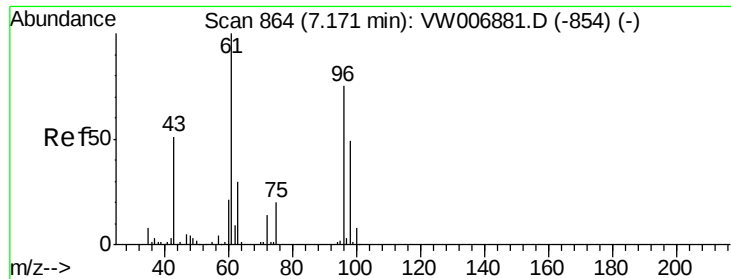


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



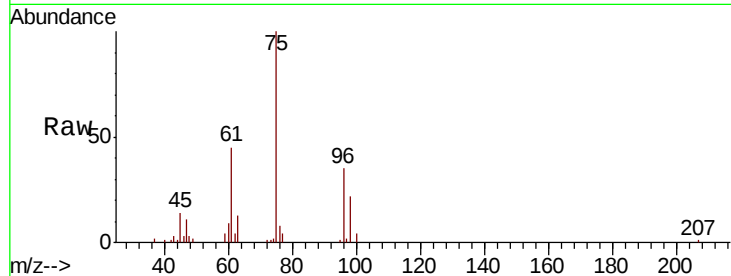


#22

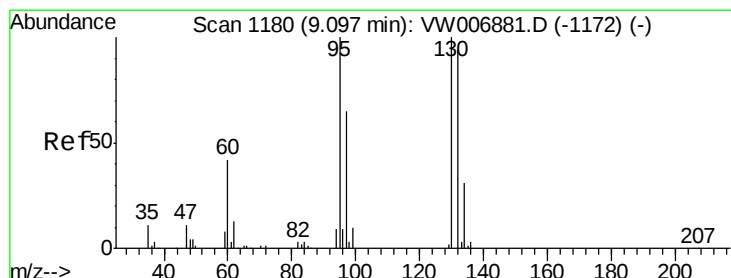
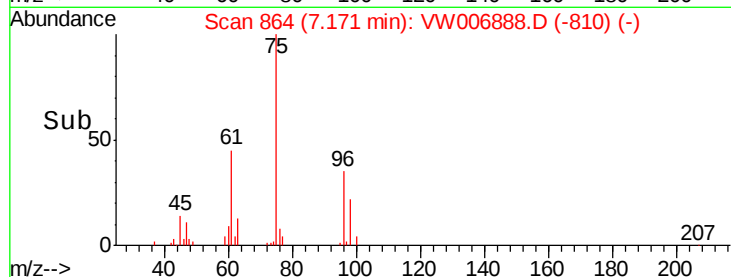
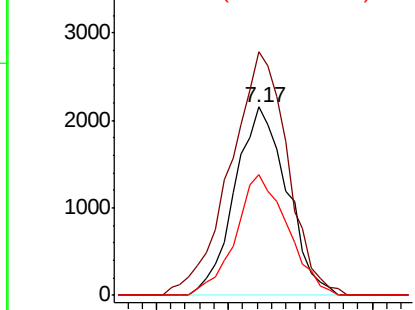
cis-1,2-Dichloroethene
Concen: 2.227 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006888.D
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MSVOA_W
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ETHS5

Tot Ion: 96 Resp: 5434
Ion Ratio Lower Upper
96 100
61 129.3 88.1 163.7
98 64.4 43.1 80.1



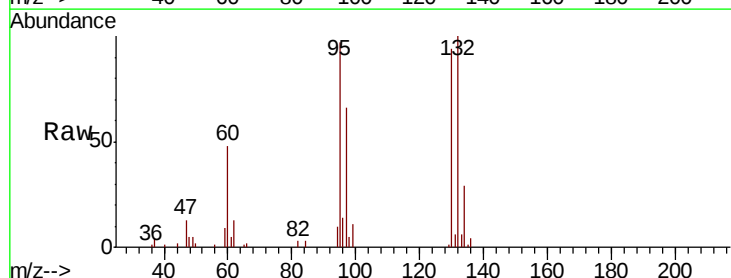
Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



#35

Trichloroethene
Concen: 3.927 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. -0.01 min
Lab File: VW006888.D
Acq: 15 Nov 2018 01:09

Tgt Ion: 95 Resp: 10818
Ion Ratio Lower Upper
95 100
97 63.5 45.1 83.9
132 96.8 65.7 121.9
130 96.4 68.7 127.7



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

