

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111418\
 Data File : VW006889.D
 Acq On : 15 Nov 2018 01:34
 Operator : SY/AP
 Sample : J5944-08
 Misc : 6.14G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETH0

Quant Time: Nov 15 04:12:52 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	61892	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	59218	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	26114	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	12541	22.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.28%
7) Chloroethane-d5	2.89	69	10490	26.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.08%
10) 1,1-Dichloroethene-d2	4.01	63	27008	18.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.60%
20) 2-Butanone-d5	7.08	46	11676	38.56	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.12%
24) Chloroform-d	7.65	84	36982	26.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.96%
26) 1,2-Dichloroethane-d4	8.31	65	22188	28.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.76%
29) Benzene-d6	8.28	84	76096	24.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.32%
33) 1,2-Dichloropropane-d6	9.28	67	23801	25.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.48%
37) Toluene-d8	10.33	98	76701	24.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.76%
38) trans-1,3-Dichloropropene-	10.58	79	9615	23.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.48%
39) 2-Hexanone-d5	10.93	63	9459	40.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	18650	22.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	26051	26.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.36%

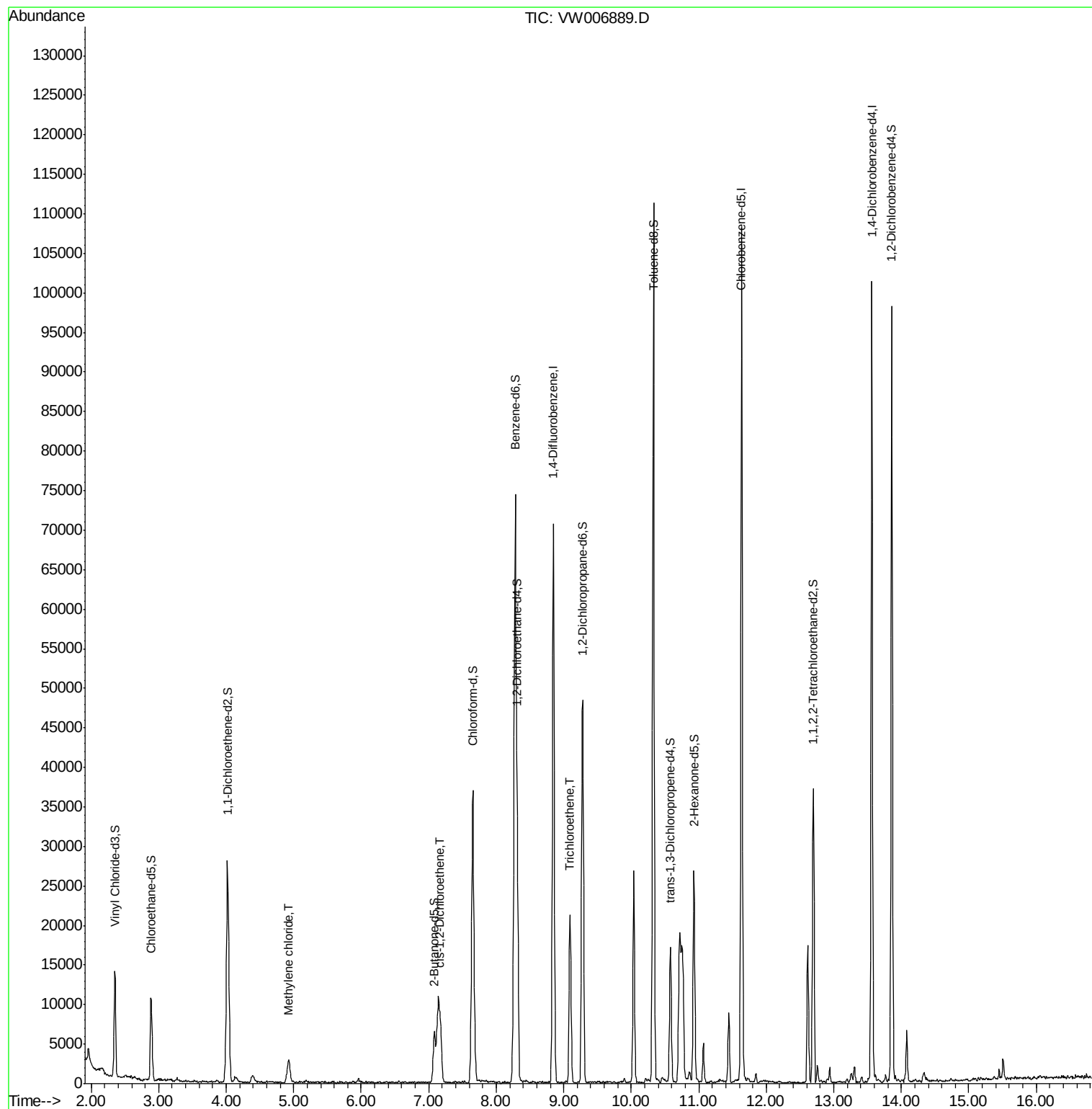
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	2194	2.027 ug/L	85
22) cis-1,2-Dichloroethene	7.17	96	3535	4.289 ug/L	99
35) Trichloroethene	9.10	95	7678	8.512 ug/L	97

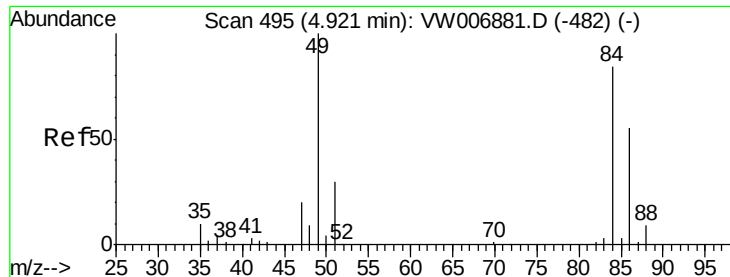
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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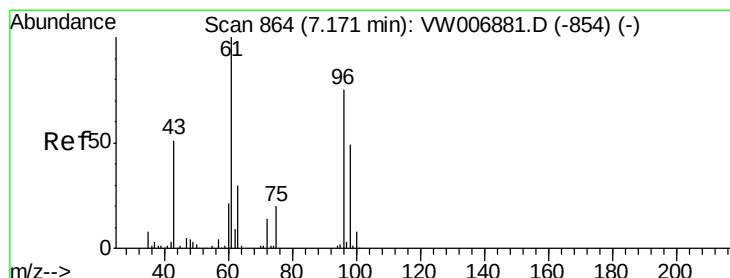
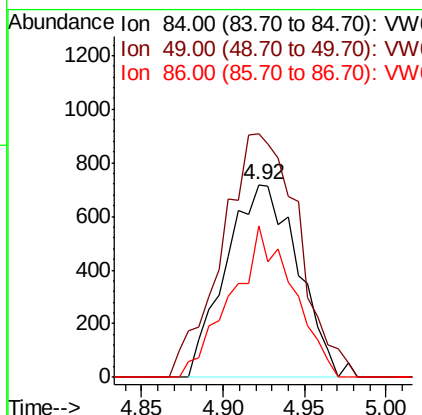
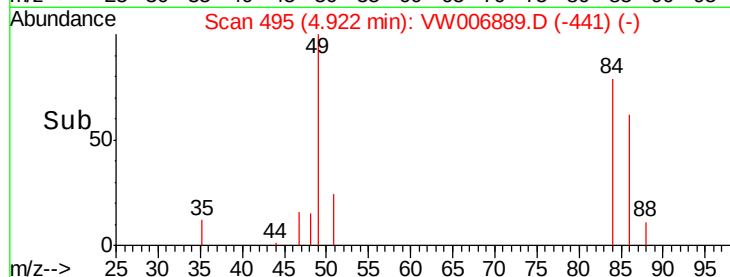
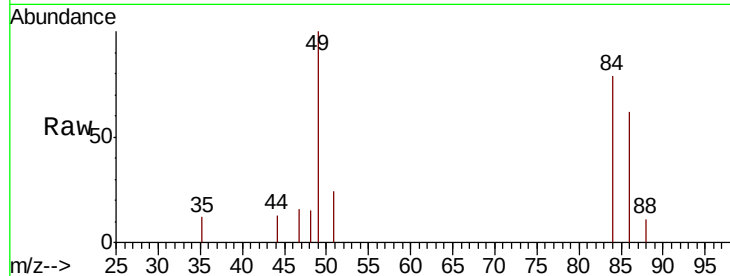




#16
Methylene chloride
Concen: 2.027 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006889.D
Acq: 15 Nov 2018 01:34

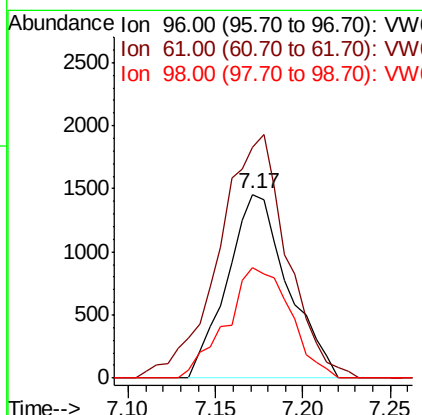
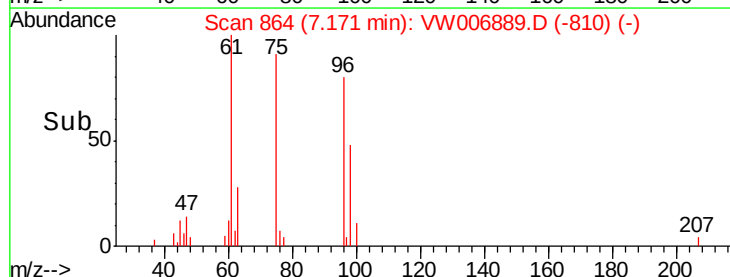
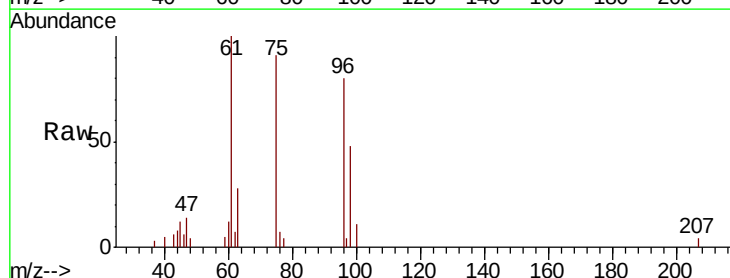
Instrument :
MSVOA_W
ClientSampled :
ETH0

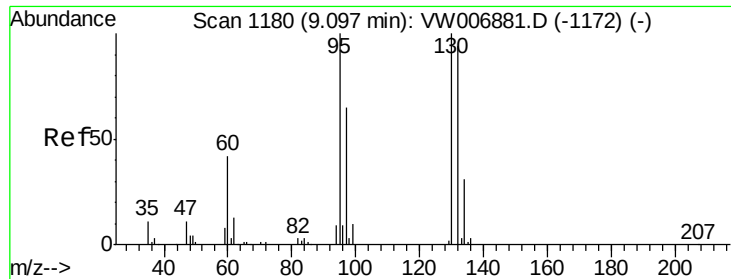
Tot Ion: 84 Resp: 2194
Ion Ratio Lower Upper
84 100
49 126.3 79.3 147.3
86 78.7 43.5 80.9



#22
cis-1,2-Dichloroethene
Concen: 4.289 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006889.D
Acq: 15 Nov 2018 01:34

Tgt Ion: 96 Resp: 3535
Ion Ratio Lower Upper
96 100
61 125.5 88.1 163.7
98 59.9 43.1 80.1





#35

Trichloroethene

Concen: 8.512 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW006889.D

Acq: 15 Nov 2018 01:34

Instrument :

MSVOA_W

ClientSampleId :

ETH0

Tot Ion: 95 Resp: 7678

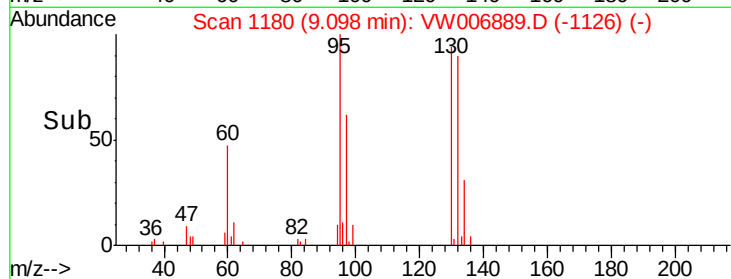
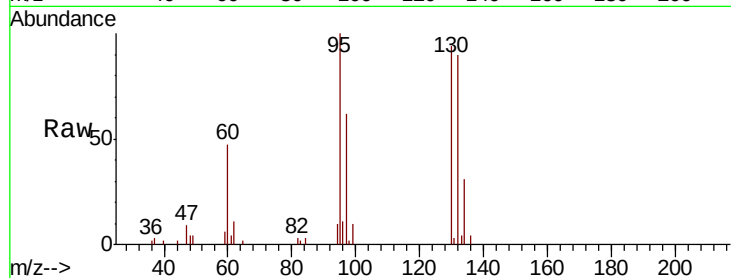
Ion Ratio Lower Upper

95 100

97 63.0 45.1 83.9

132 90.7 65.7 121.9

130 94.8 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

