

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100318\
 Data File : VW005821.D
 Acq On : 03 Oct 2018 18:05
 Operator : SY/AP
 Sample : J5181--20
 Misc : 3.01G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 04 05:18:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 04 05:16:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	225514	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	209734	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	81789	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	39128	13.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.44%
7) Chloroethane-d5	2.89	69	35661	15.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.60%
10) 1,1-Dichloroethene-d2	4.01	63	70745	11.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.08%
20) 2-Butanone-d5	7.09	46	29357	31.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.62%
24) Chloroform-d	7.65	84	132118	22.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	8.31	65	84289	24.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.08%
29) Benzene-d6	8.28	84	209645	20.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.76%
33) 1,2-Dichloropropane-d6	9.28	67	72272	24.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.32%
37) Toluene-d8	10.33	98	179509	17.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.04%
38) trans-1,3-Dichloropropene-	10.59	79	27867	17.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.72%
39) 2-Hexanone-d5	10.93	63	18676	26.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	66814	22.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	63399	21.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.64%

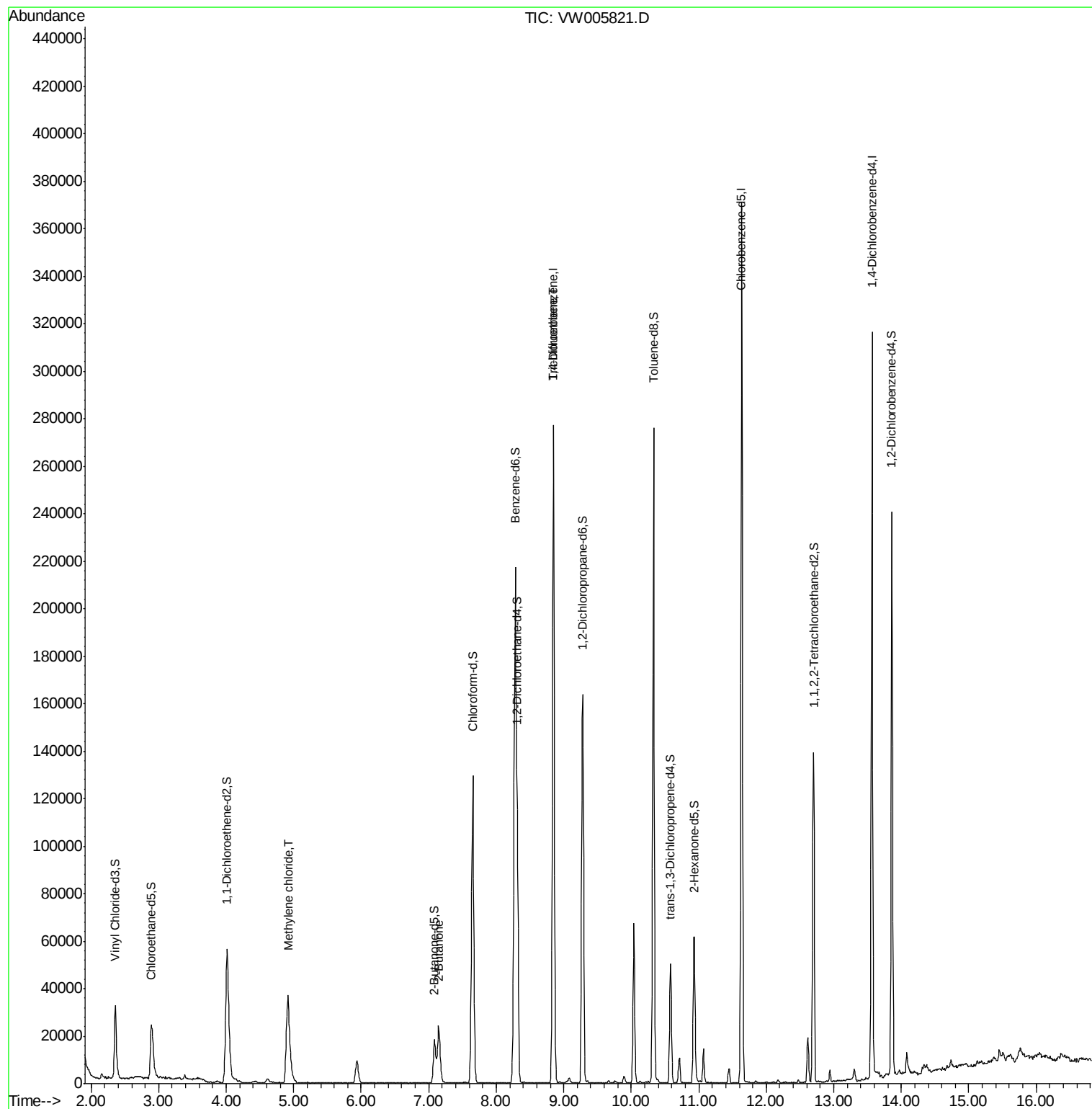
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	33171	8.921 ug/L	99
21) 2-Butanone	7.15	43	3673	3.191 ug/L #	49
35) Trichloroethene	8.85	95	7301	2.303 ug/L #	5

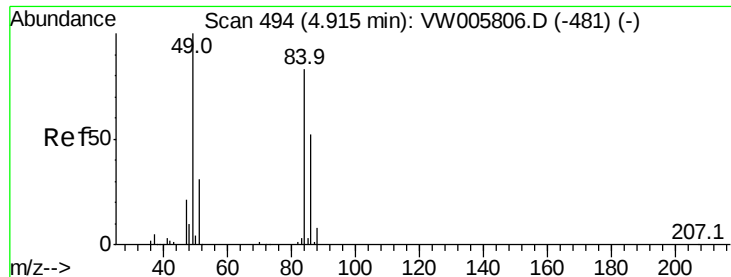
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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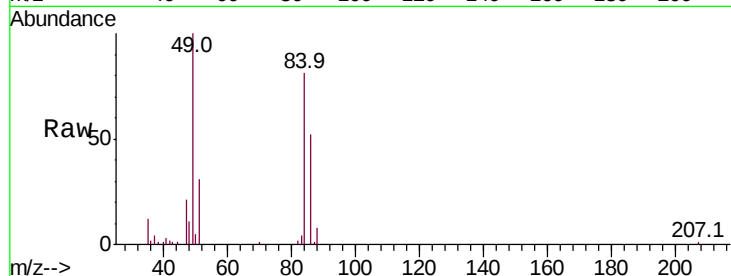




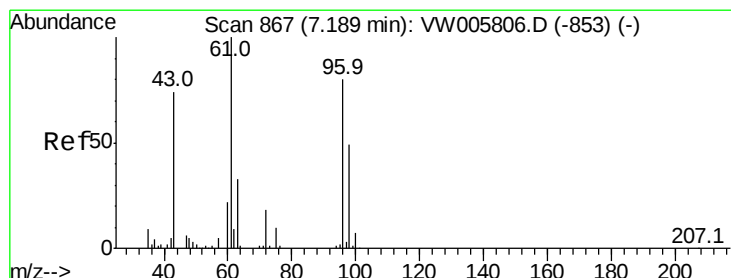
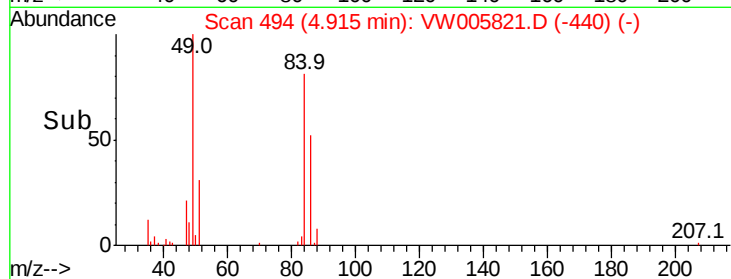
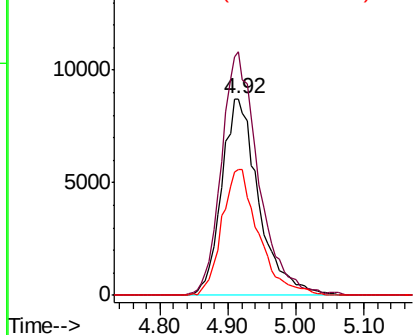
#16
Methylene chloride
Concen: 8.921 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005821.D
Acq: 03 Oct 2018 18:05

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 84 Resp: 33171
Ion Ratio Lower Upper
84 100
49 123.8 87.2 162.0
86 64.1 43.2 80.2

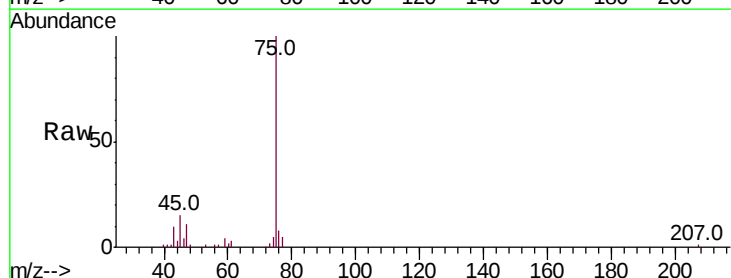


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

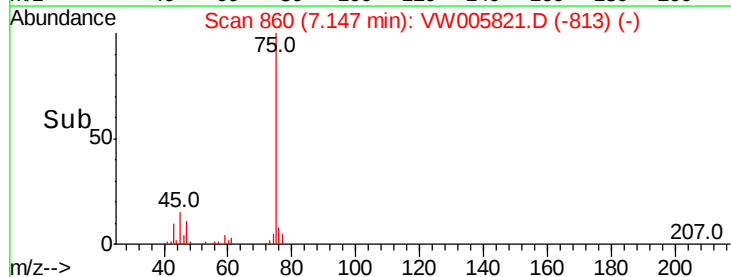
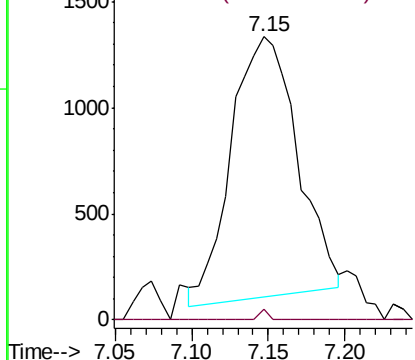


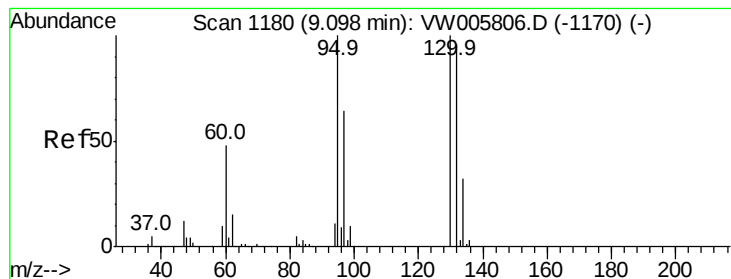
#21
2-Butanone
Concen: 3.191 ug/L
RT: 7.15 min Scan# 860
Delta R.T. -0.04 min
Lab File: VW005821.D
Acq: 03 Oct 2018 18:05

Tgt Ion: 43 Resp: 3673
Ion Ratio Lower Upper
43 100
72 0.0 13.2 39.6#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#35

Trichloroethene

Concen: 2.303 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

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Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 95 Resp: 7301

Ion Ratio Lower Upper

95 100

97 0.9 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#

