

Data File : VW005520.D
Acq On : 19 Sep 2018 17:33
Operator : SY/AP
Sample : VIBLK83
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK83

Quant Time: Sep 20 07:59:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091918S.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 17:31:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	368903	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	343623	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	168113	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	115690	29.40	ug/L	0.00
7) Chloroethane-d5	2.89	69	96588	27.46	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	198679	20.38	ug/L	0.00
20) 2-Butanone-d5	7.09	46	117616	70.84	ug/L	0.00
24) Chloroform-d	7.65	84	229637	25.16	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	146070	26.83	ug/L	0.00
29) Benzene-d6	8.27	84	483114	26.43	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	146426	26.08	ug/L	0.00
37) Toluene-d8	10.33	98	440005	25.84	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	65538	25.56	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	84649	65.64	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	141204	28.58	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	160887	27.33	ug/L	0.00

Target Compounds

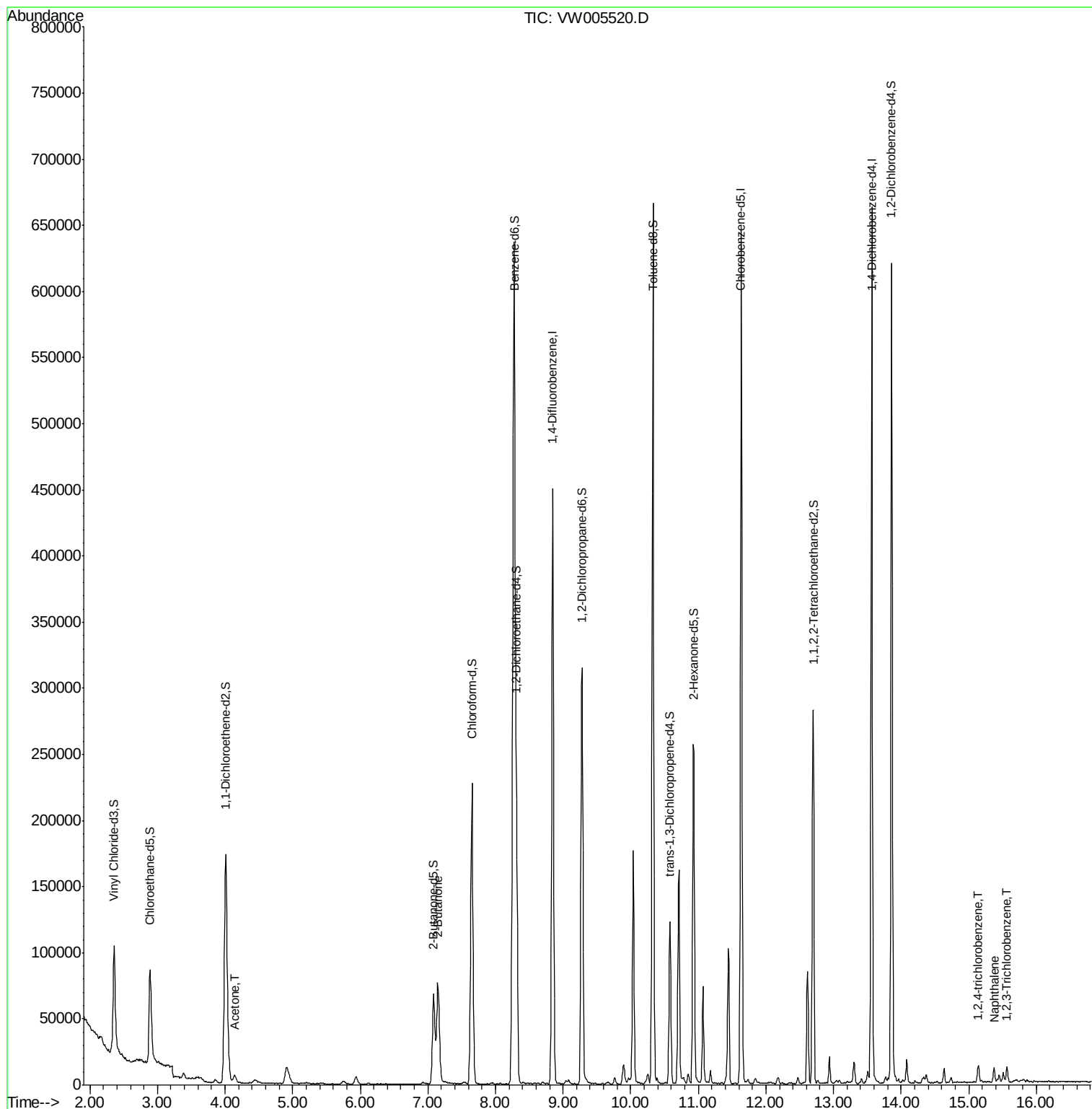
						Qvalue
13) Acetone	4.14	43	7499	4.855	ug/L	96
21) 2-Butanone	7.15	43	5468	2.632	ug/L #	70
68) 1,2,4-trichlorobenzene	15.15	180	3919	0.582	ug/L	99
69) Naphthalene	15.38	128	9120	0.653	ug/L #	94
70) 1,2,3-Trichlorobenzene	15.57	180	4040	0.648	ug/L	96

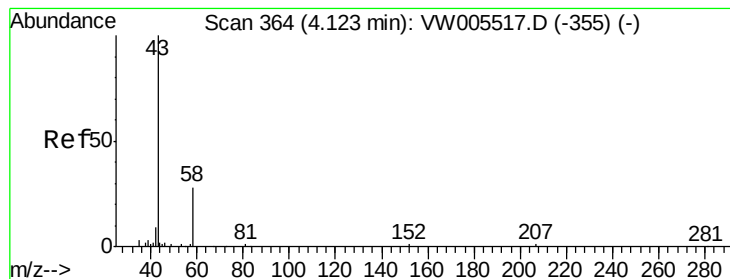
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.855 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

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Instrument :

MSVOA_W

ClientSampled :

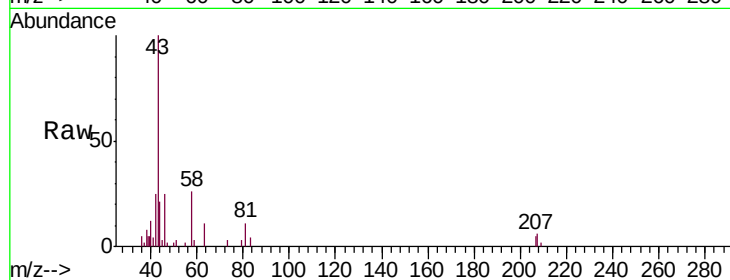
VIBLK83

Tgt Ion: 43 Resp: 7499

Ion Ratio Lower Upper

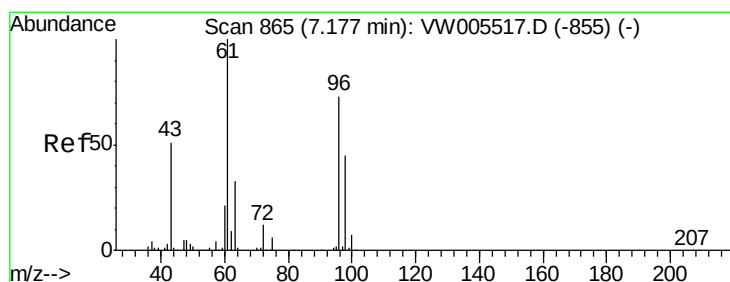
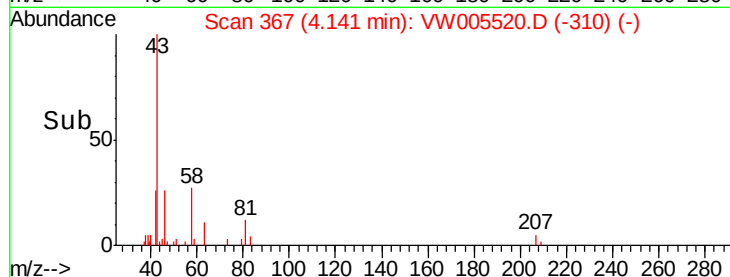
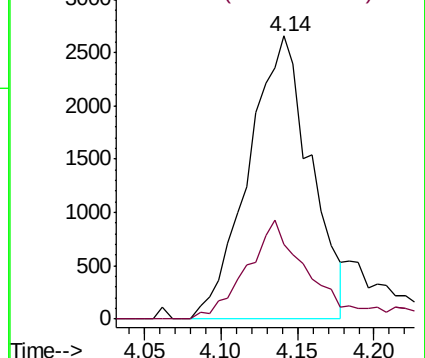
43 100

58 31.9 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 2.632 ug/L

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

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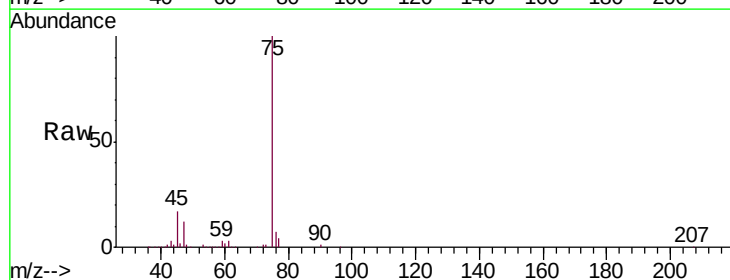
Acq: 19 Sep 2018 17:33

Tgt Ion: 43 Resp: 5468

Ion Ratio Lower Upper

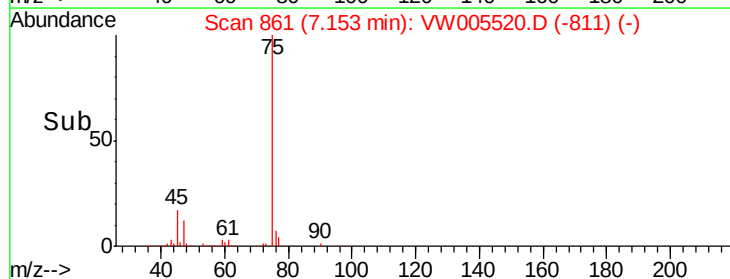
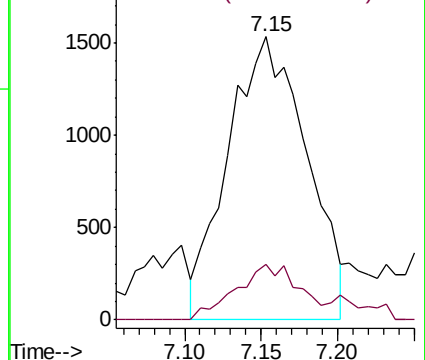
43 100

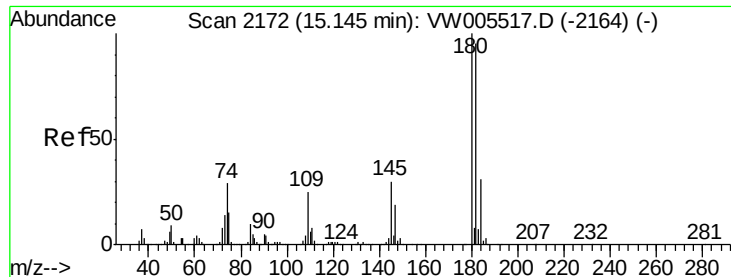
72 10.1 12.6 37.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

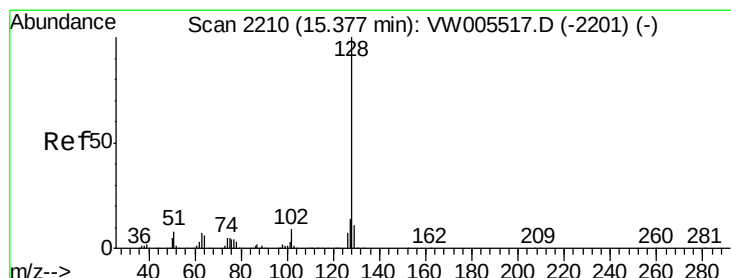
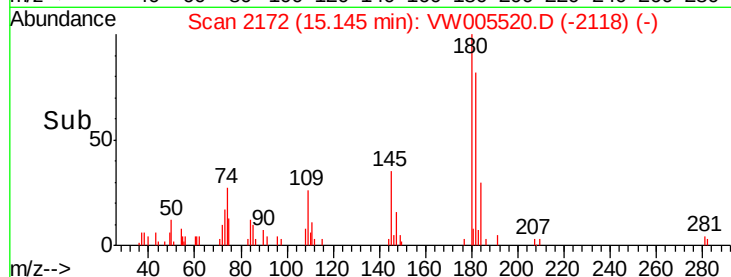
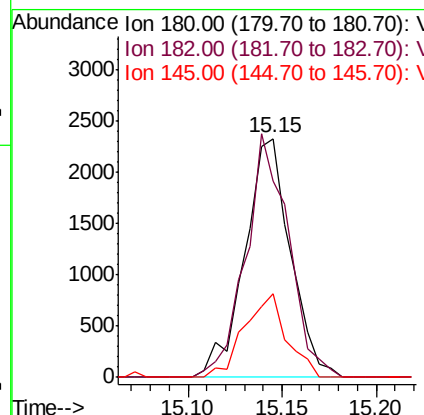
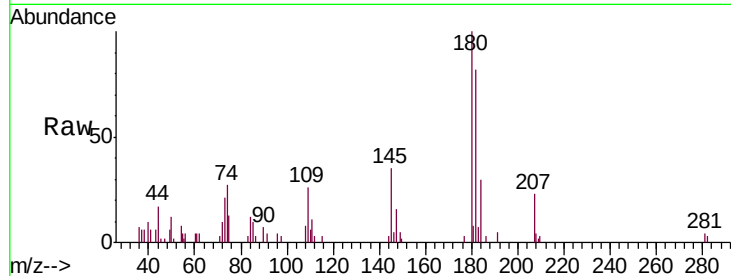




#68
 1,2,4-trichlorobenzene
 Concen: 0.582 ug/L
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: VW005520.D
 Acq: 19 Sep 2018 17:33

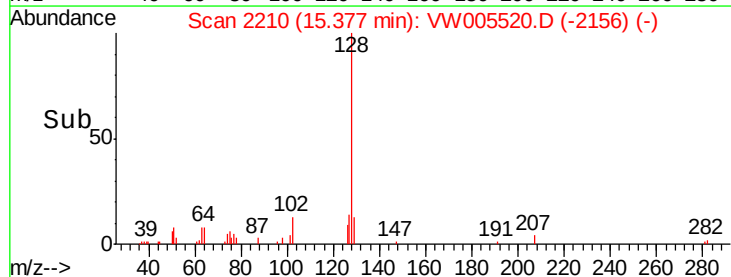
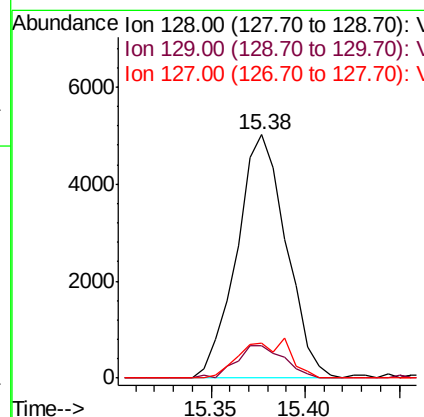
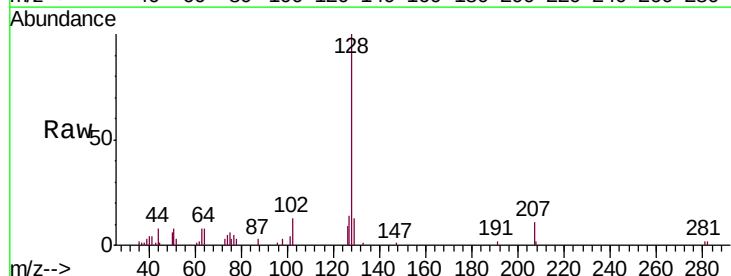
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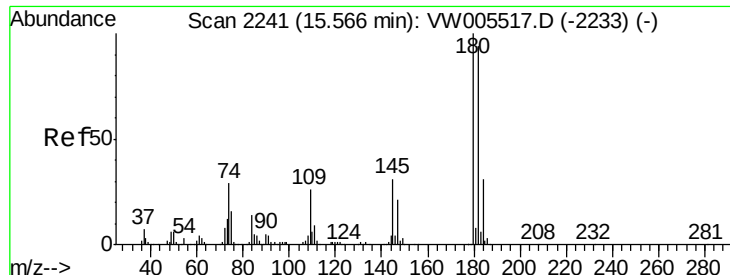
Tgt Ion:180 Resp: 3919
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.7 115.1
 145 32.3 24.6 37.0



#69
 Naphthalene
 Concen: 0.653 ug/L
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VW005520.D
 Acq: 19 Sep 2018 17:33

Tgt Ion:128 Resp: 9120
 Ion Ratio Lower Upper
 128 100
 129 12.8 8.9 13.3
 127 10.8 11.0 16.4#

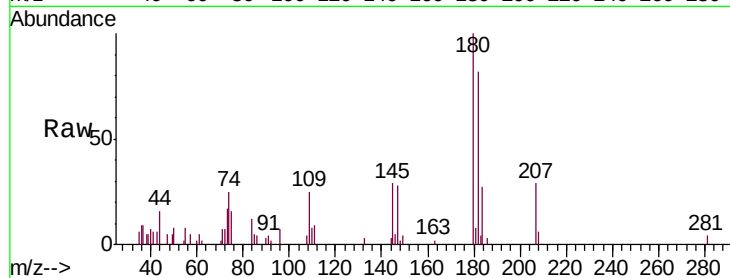




#70
 1,2,3-Trichlorobenzene
 Concen: 0.648 ug/L
 RT: 15.57 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW005520.D
 Acq: 19 Sep 2018 17:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK83

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.4	76.6	114.8
145	32.6	25.9	38.9



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

