

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091418\
 Data File : VW005365.D
 Acq On : 13 Sep 2018 22:27
 Operator : SY/AP
 Sample : J4865-02
 Misc : 4.68G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB3N2

Quant Time: Sep 14 06:58:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 14 06:56:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	288317	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	277700	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	115311	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	83407	25.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.28%
7) Chloroethane-d5	2.89	69	65668	27.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.64%
10) 1,1-Dichloroethene-d2	4.02	63	115548	19.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.80%
20) 2-Butanone-d5	7.10	46	49268	39.31	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.62%
24) Chloroform-d	7.65	84	163488	30.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	121.60%
26) 1,2-Dichloroethane-d4	8.31	65	108242	31.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	125.88%
29) Benzene-d6	8.28	84	318204	28.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.16%
33) 1,2-Dichloropropane-d6	9.28	67	99219	31.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.72%#
37) Toluene-d8	10.33	98	316261	28.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.00%
38) trans-1,3-Dichloropropene-	10.59	79	45011	28.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.08%
39) 2-Hexanone-d5	10.93	63	38809	39.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	85525	25.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	101550	29.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.36%

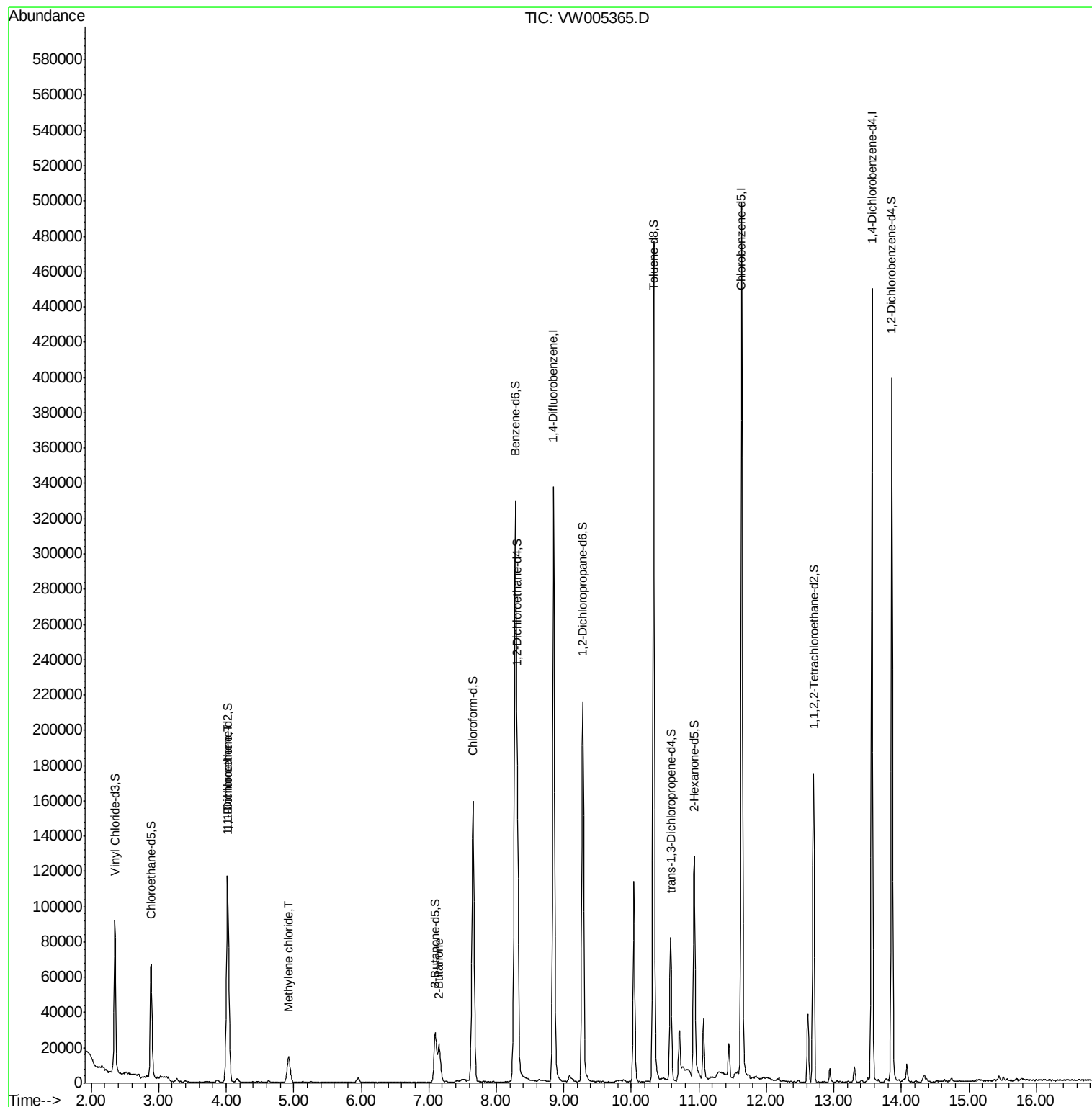
Target Compounds					Qvalue
12) 1,1-Dichloroethene	4.03	96	917	0.292 ug/L #	1
16) Methylene chloride	4.92	84	10864	1.984 ug/L	96
21) 2-Butanone	7.16	43	2049	1.136 ug/L #	61

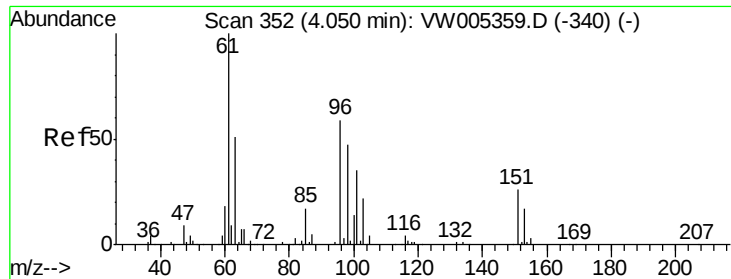
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.292 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

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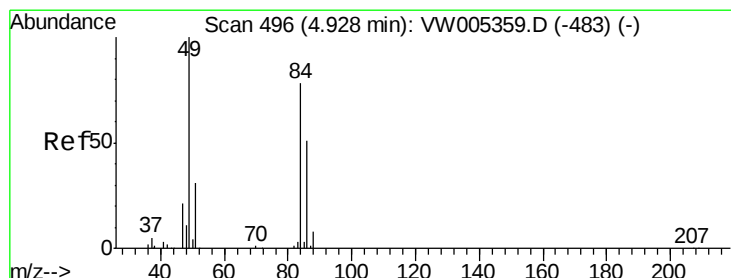
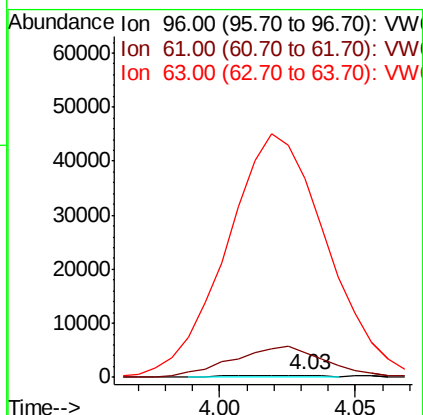
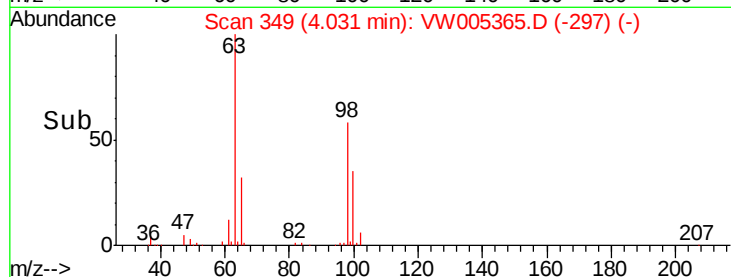
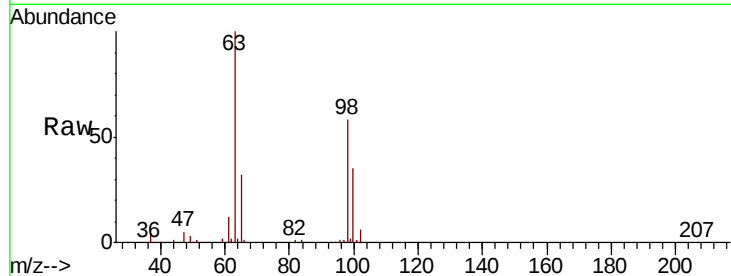
Tgt Ion: 96 Resp: 917

Ion Ratio Lower Upper

96 100

61 1121.5 123.3 229.1#

63 8979.5 69.4 128.8#



#16

Methylene chloride

Concen: 1.984 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

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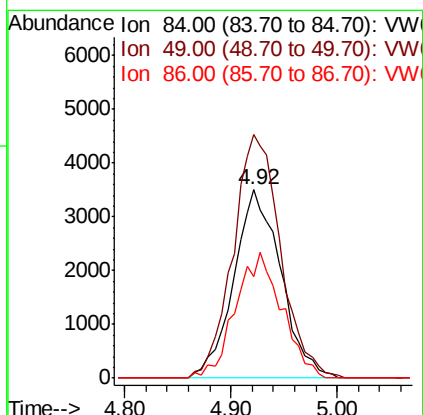
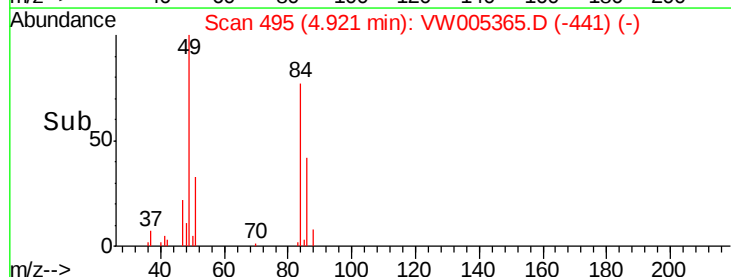
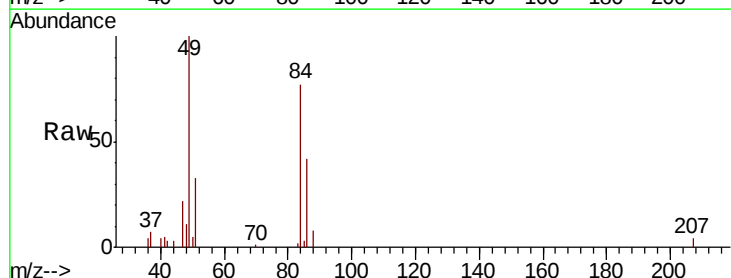
Tgt Ion: 84 Resp: 10864

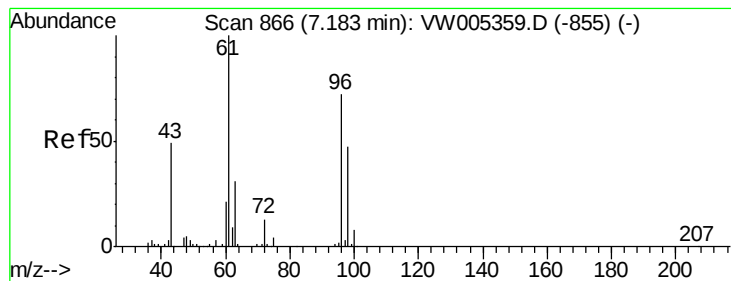
Ion Ratio Lower Upper

84 100

49 129.2 90.9 168.7

86 54.2 43.6 81.0





#21

2-Butanone

Concen: 1.136 ug/L

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

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Acq: 13 Sep 2018 22:27

Instrument :

MSVOA_W

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Tgt Ion: 43 Resp: 2049

Ion Ratio Lower Upper

43 100

72 4.6 11.8 35.4#

