

Data File : VW011912.D
Acq On : 14 Aug 2019 11:36
Operator : SY/VA
Sample : K4215-22RE
Misc : 5.78G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOC6

Quant Time: Aug 16 05:38:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 16 05:35:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	345262	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	284627	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	109261	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	75998	15.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.52%
7) Chloroethane-d5	2.89	69	63579	18.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.64%
10) 1,1-Dichloroethene-d2	4.02	63	140221	12.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.32%
20) 2-Butanone-d5	7.08	46	58544	26.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.48%
24) Chloroform-d	7.65	84	181010	19.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.36%
26) 1,2-Dichloroethane-d4	8.43	65	108	0.02	ug/L	0.13
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	353466	19.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.00%
33) 1,2-Dichloropropane-d6	9.27	67	119016	20.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.40%
37) Toluene-d8	10.32	98	294202	18.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.08%
38) trans-1,3-Dichloropropene-	10.58	79	41461	16.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.48%
39) 2-Hexanone-d5	10.93	63	36503	27.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	75328	15.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	62.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	79265	18.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.32%

Target Compounds

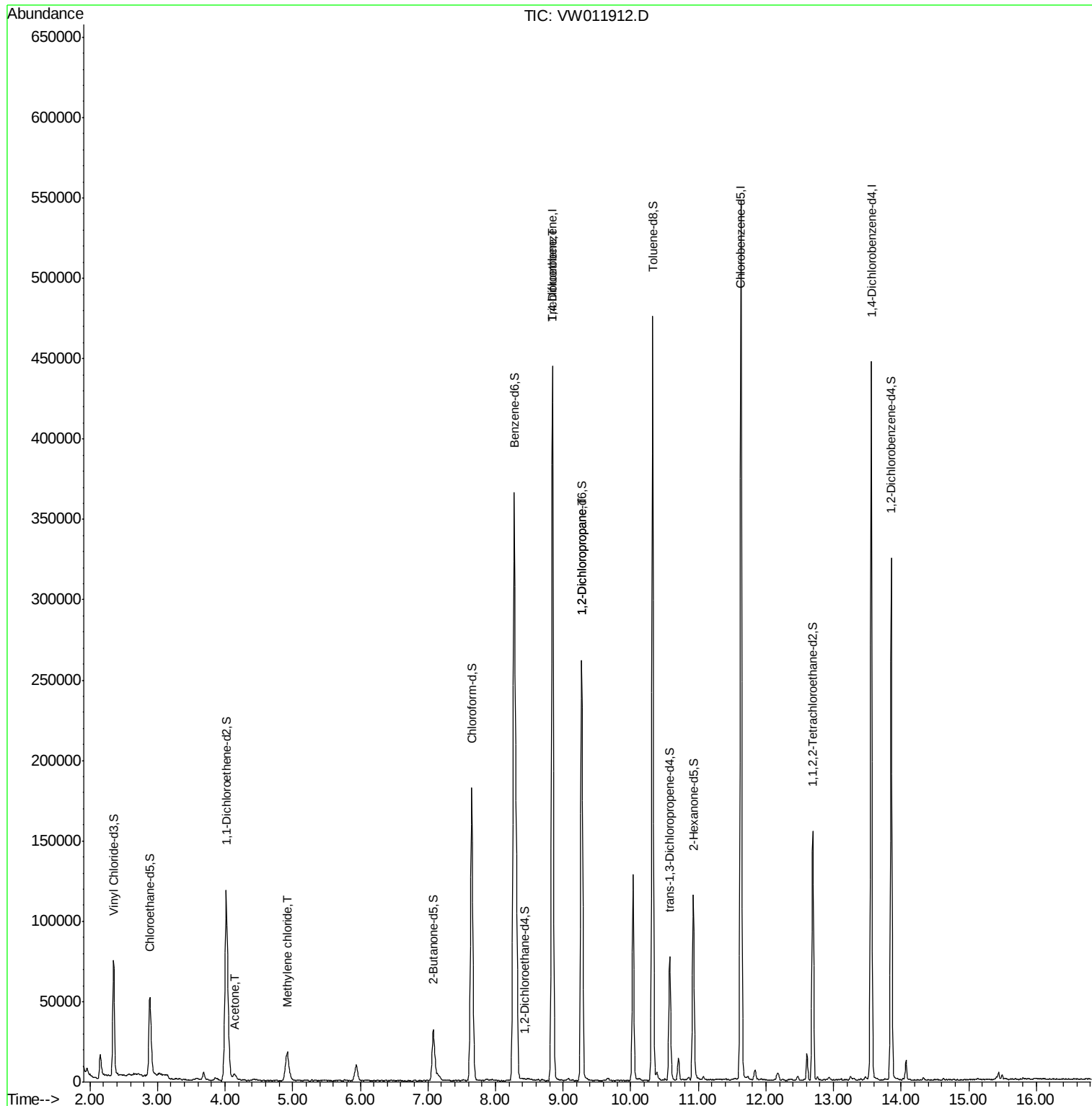
					Qvalue
13) Acetone	4.13	43	4900	2.090 ug/L	94
16) Methylene chloride	4.92	84	13413	2.489 ug/L	88
35) Trichloroethene	8.84	95	11393	2.250 ug/L #	7
40) 1,2-Dichloropropane	9.27	63	13327	2.503 ug/L #	89

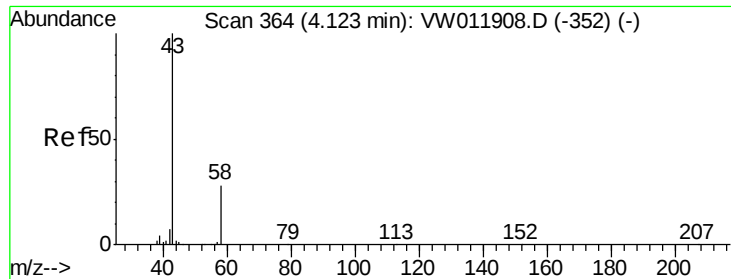
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.090 ug/L

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

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Acq: 14 Aug 2019 11:36

Instrument :

MSVOA_W

ClientSampled :

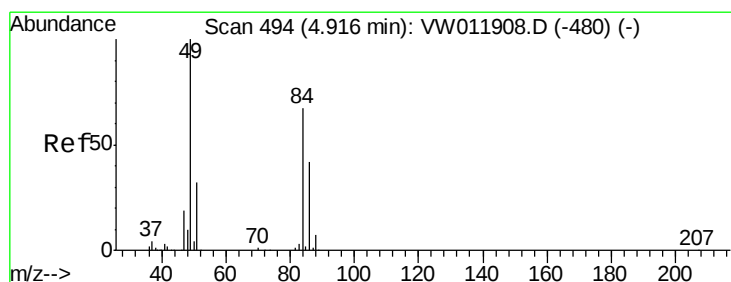
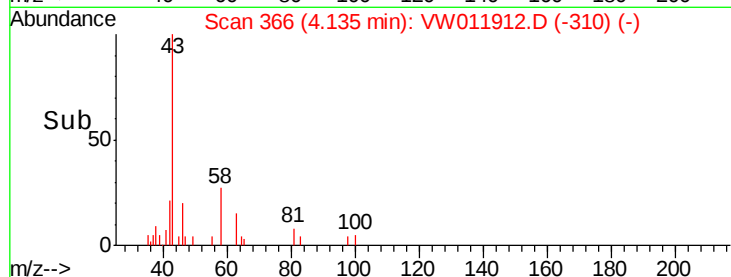
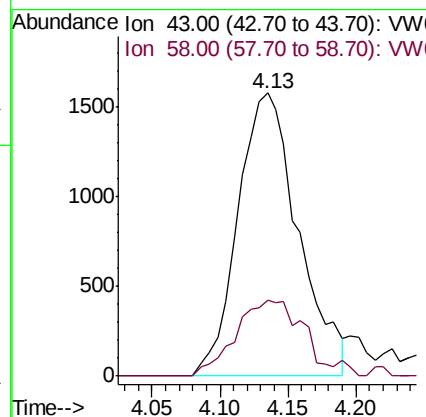
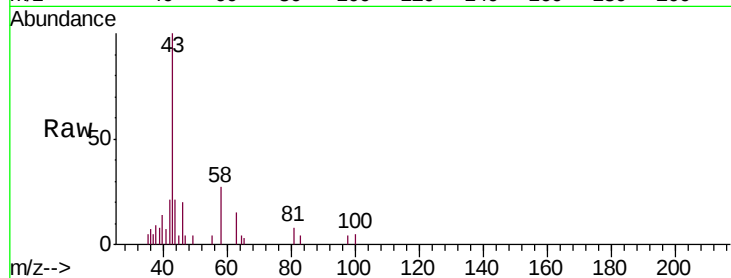
ETOC6

Tgt Ion: 43 Resp: 4900

Ion Ratio Lower Upper

43 100

58 23.9 0.0 53.4



#16

Methylene chloride

Concen: 2.489 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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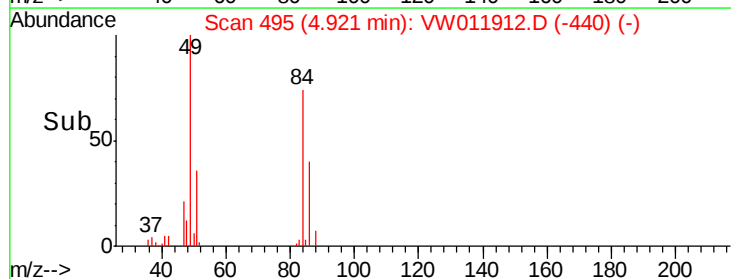
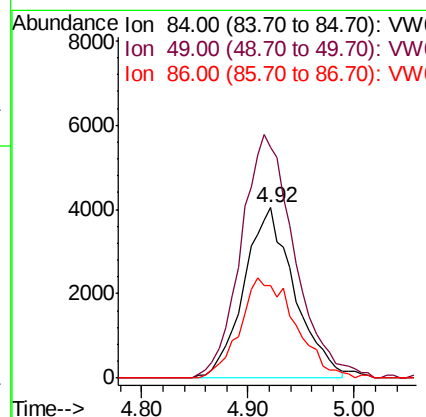
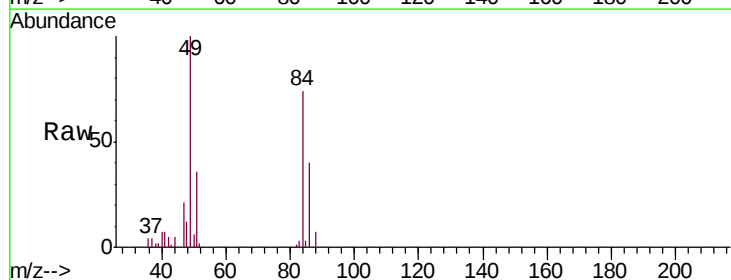
Tgt Ion: 84 Resp: 13413

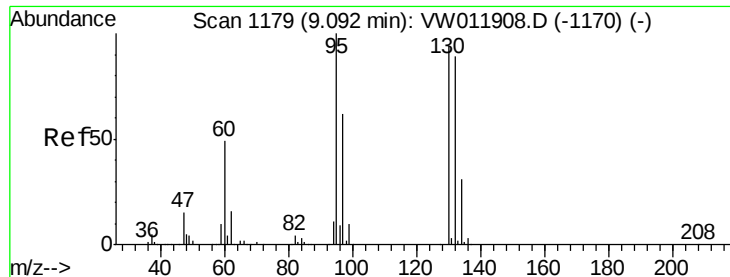
Ion Ratio Lower Upper

84 100

49 135.4 106.8 198.4

86 54.5 42.8 79.4





#35

Trichloroethene

Concen: 2.250 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Acq: 14 Aug 2019 11:36

Instrument :

MSVOA_W

ClientSampled :

ETOC6

Tgt Ion: 95 Resp: 11393

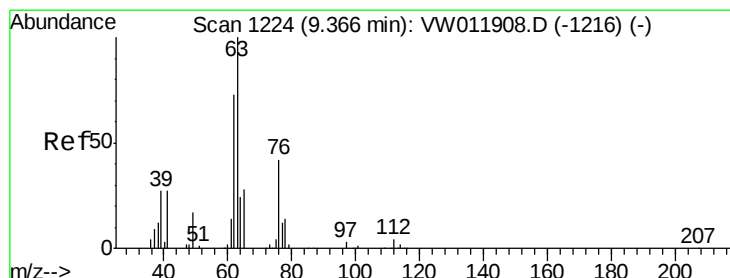
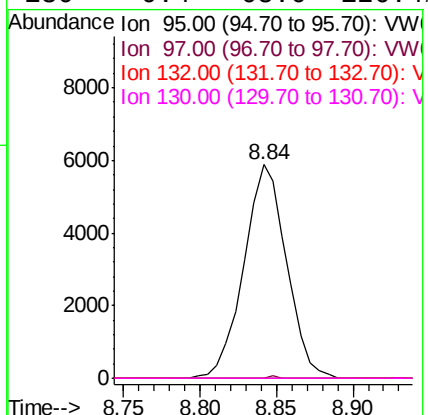
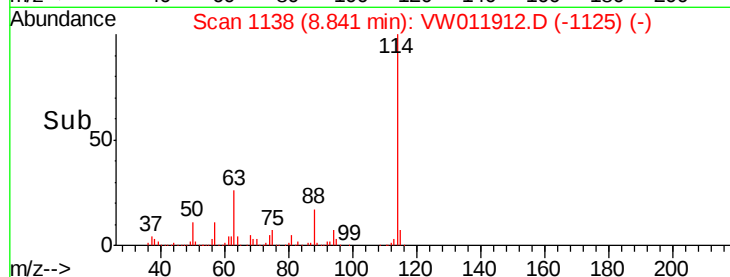
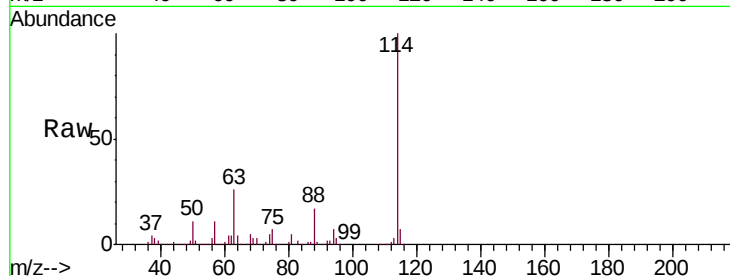
Ion Ratio Lower Upper

95 100

97 0.0 44.8 83.2#

132 0.6 65.0 120.6#

130 0.4 68.0 126.4#



#40

1,2-Dichloropropane

Concen: 2.503 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

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Acq: 14 Aug 2019 11:36

Tgt Ion: 63 Resp: 13327

Ion Ratio Lower Upper

63 100

112 0.4 3.1 4.7#

