

Data File : VW009932.D
Acq On : 12 Apr 2019 00:44
Operator : SY/VA
Sample : K2354-05
Misc : 5.70G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF160

Quant Time: Apr 12 04:40:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 04:36:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	405945	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	402912	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	167782	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	96140	18.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.40%
7) Chloroethane-d5	2.89	69	91708	18.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.36%
10) 1,1-Dichloroethene-d2	4.02	63	190393	16.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.68%
20) 2-Butanone-d5	7.07	46	137799	79.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	159.80%#
24) Chloroform-d	7.65	84	281556	25.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.68%
26) 1,2-Dichloroethane-d4	8.31	65	184930	27.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.76%
29) Benzene-d6	8.27	84	485380	22.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.80%
33) 1,2-Dichloropropane-d6	9.27	67	162224	24.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.32%
37) Toluene-d8	10.32	98	413246	21.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.52%
38) trans-1,3-Dichloropropene-	10.58	79	66413	21.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.28%
39) 2-Hexanone-d5	10.93	63	89217	72.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.92%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	183210	30.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.68%#
61) 1,2-Dichlorobenzene-d4	13.85	152	162691	27.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.52%

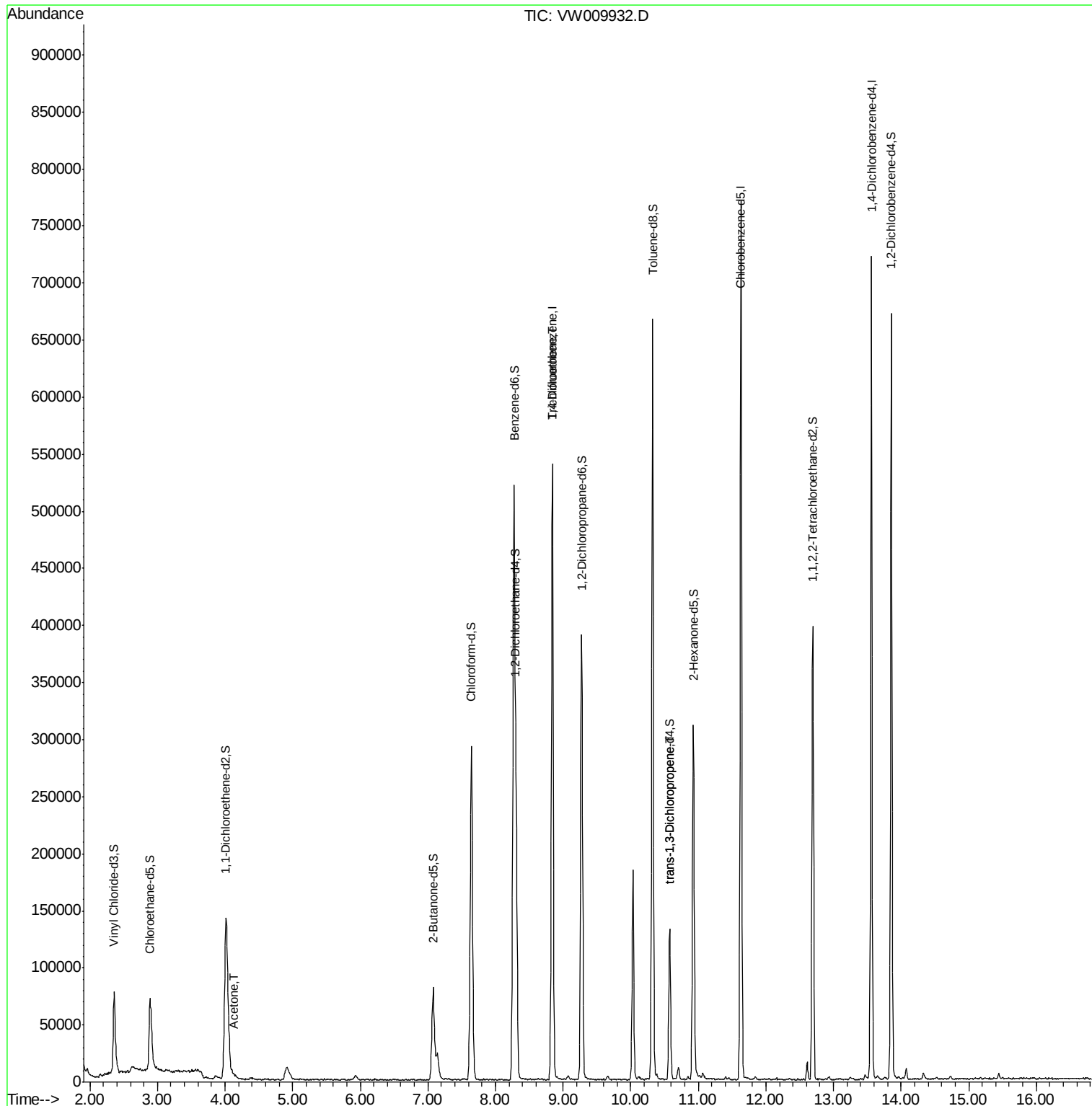
Target Compounds					Qvalue
13) Acetone	4.12	43	3816	2.065 ug/L	98
35) Trichloroethene	8.84	95	13646	2.151 ug/L #	6
45) trans-1,3-Dichloropropene	10.58	75	4030	0.486 ug/L	88

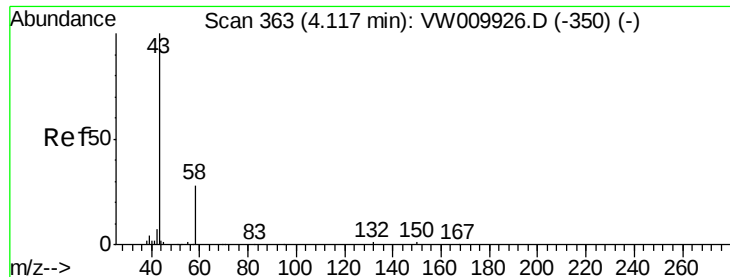
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.065 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

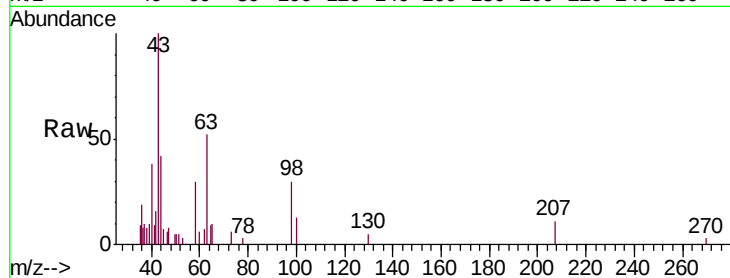
BF160

Tgt Ion: 43 Resp: 3816

Ion Ratio Lower Upper

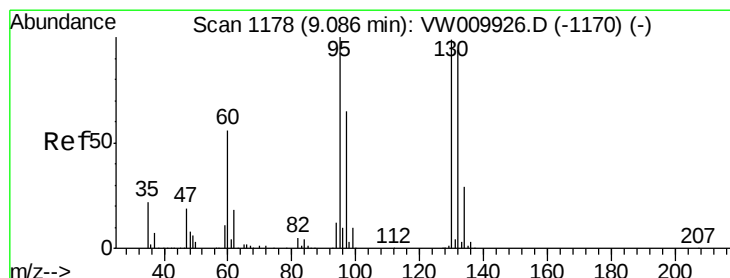
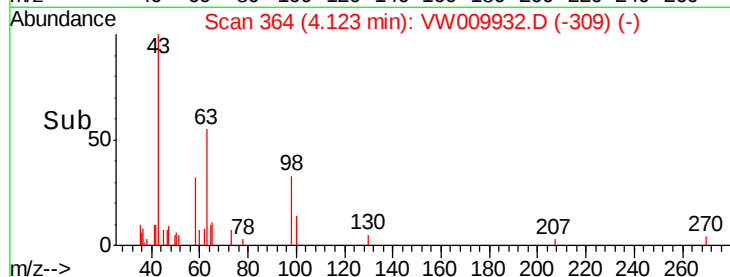
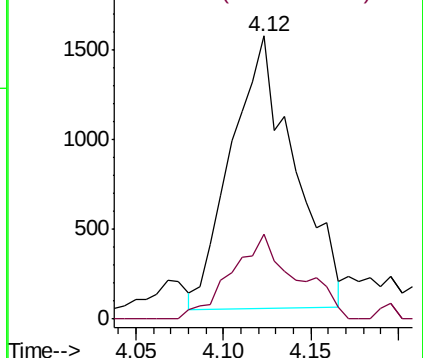
43 100

58 27.6 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#35

Trichloroethene

Concen: 2.151 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

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Tgt Ion: 95 Resp: 13646

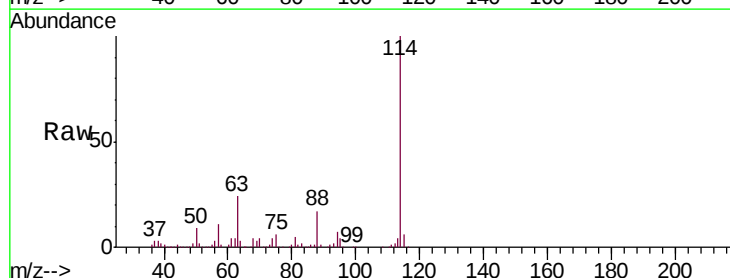
Ion Ratio Lower Upper

95 100

97 0.5 44.9 83.5#

132 0.0 67.1 124.7#

130 0.7 69.2 128.6#

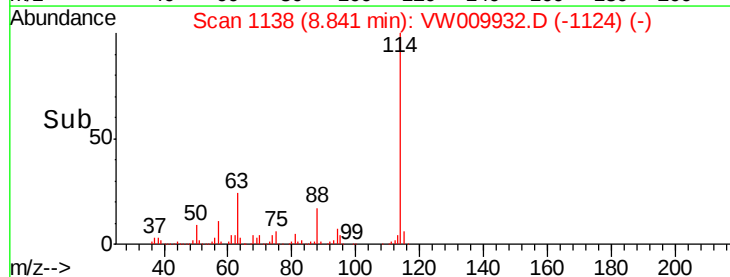
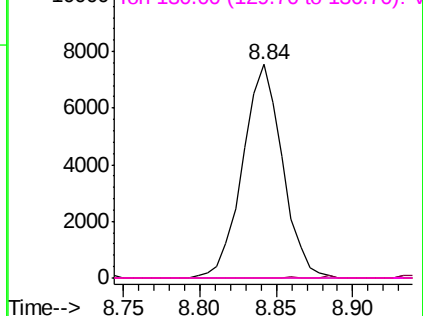


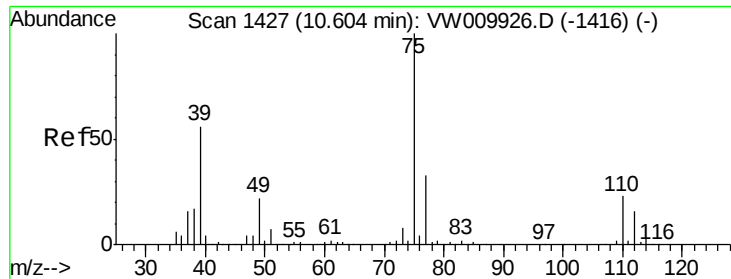
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#45

trans-1,3-Dichloropropene

Concen: 0.486 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

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Tgt Ion: 75 Resp: 4030

Ion Ratio Lower Upper

75 100

77 36.5 21.1 39.3

