

Data File : VW009922.D
Acq On : 11 Apr 2019 18:33
Operator : SY/VA
Sample : K2303-17
Misc : 5.79G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF885

Quant Time: Apr 12 02:08:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 01:59:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	173535	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	200255	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	82907	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	28482	12.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.16%
7) Chloroethane-d5	2.89	69	36573	17.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.32%
10) 1,1-Dichloroethene-d2	4.01	63	60107	12.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.24%
20) 2-Butanone-d5	7.07	46	62334	84.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	169.08%#
24) Chloroform-d	7.64	84	146266	30.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	123.56%
26) 1,2-Dichloroethane-d4	8.31	65	115498	39.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	158.92%#
29) Benzene-d6	8.27	84	232153	22.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.32%
33) 1,2-Dichloropropane-d6	9.27	67	91874	28.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.20%
37) Toluene-d8	10.32	98	185530	19.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.36%
38) trans-1,3-Dichloropropene-	10.57	79	35706	23.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.24%
39) 2-Hexanone-d5	10.93	63	32142	52.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	101479	33.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	134.48%#
61) 1,2-Dichlorobenzene-d4	13.86	152	86859	29.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.44%

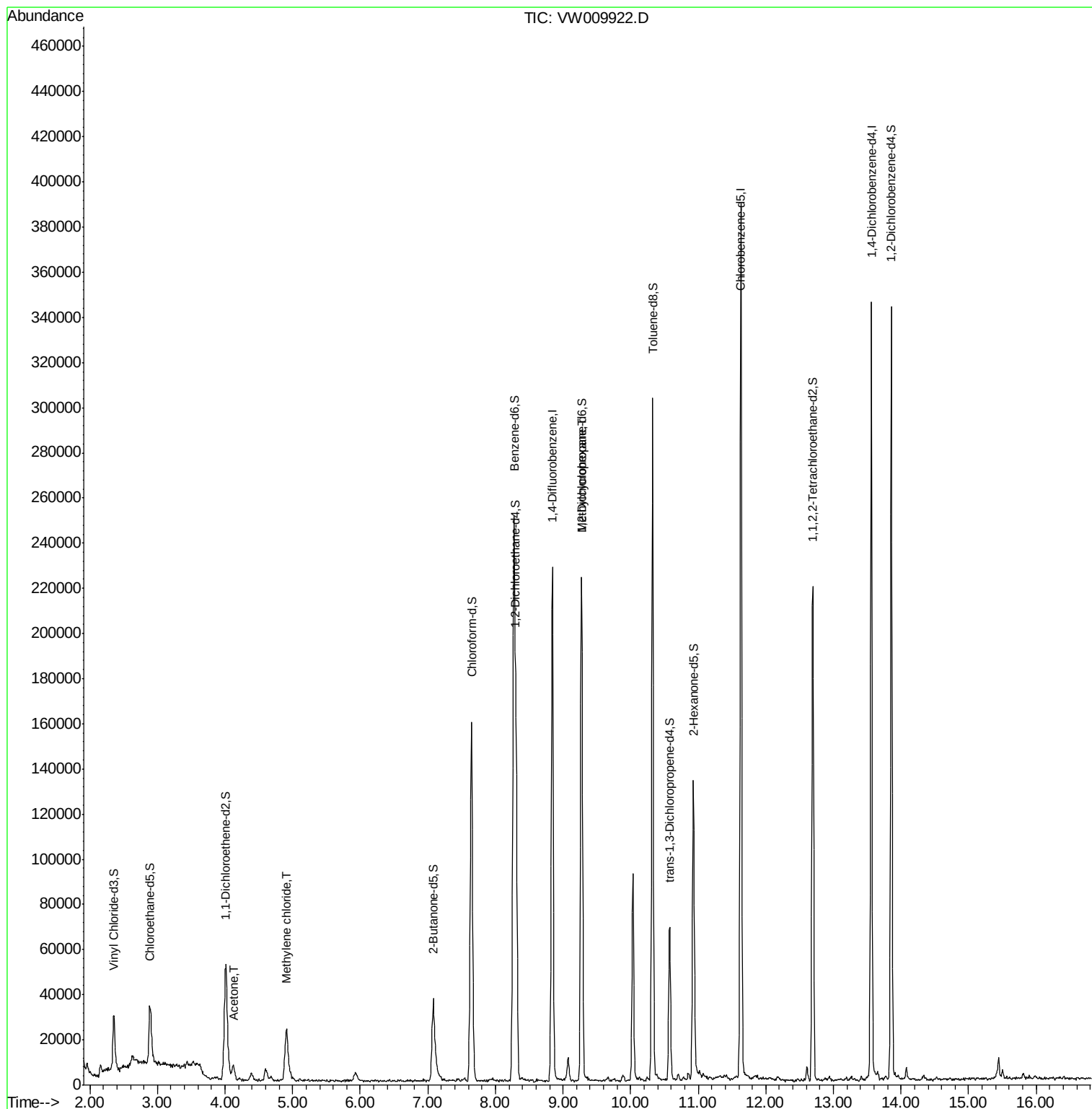
Target Compounds						Qvalue
13) Acetone	4.12	43	9955	12.602	ug/L	96
16) Methylene chloride	4.91	84	17546	5.733	ug/L	98
36) Methylcyclohexane	9.27	83	22956	4.428	ug/L #	18

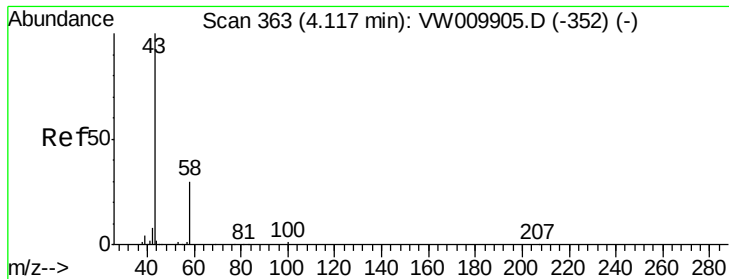
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.602 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

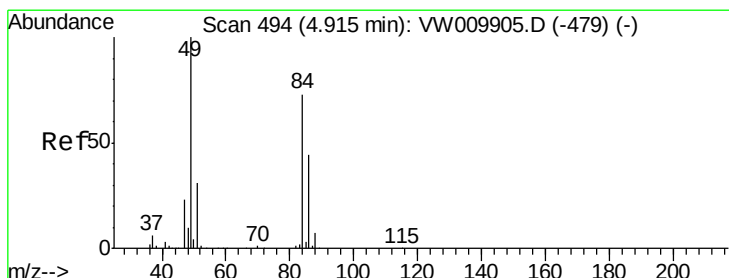
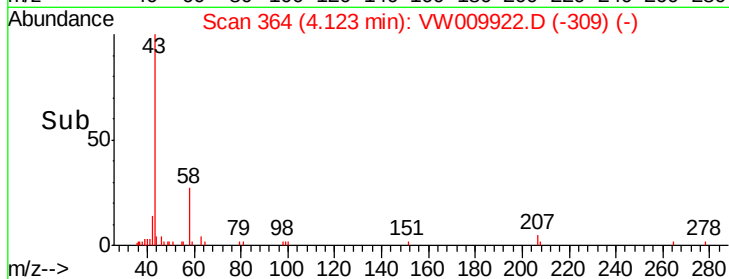
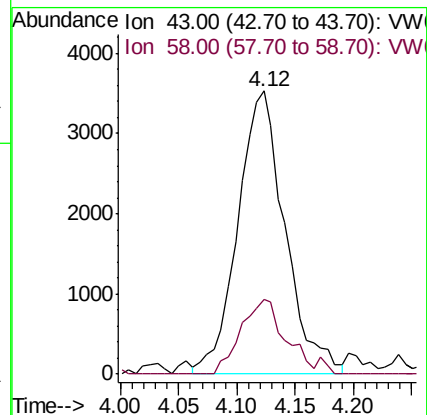
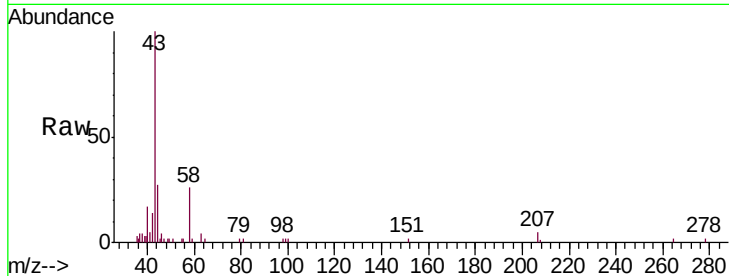
BF885

Tgt Ion: 43 Resp: 9955

Ion Ratio Lower Upper

43 100

58 24.6 0.0 53.0



#16

Methylene chloride

Concen: 5.733 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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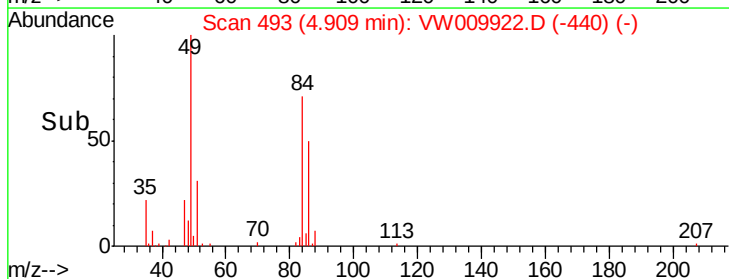
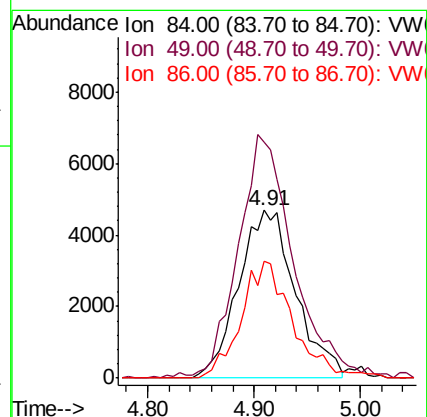
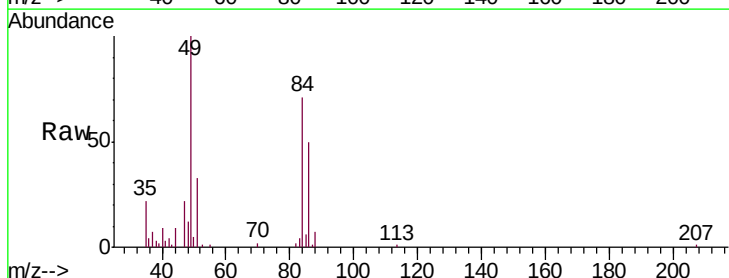
Tgt Ion: 84 Resp: 17546

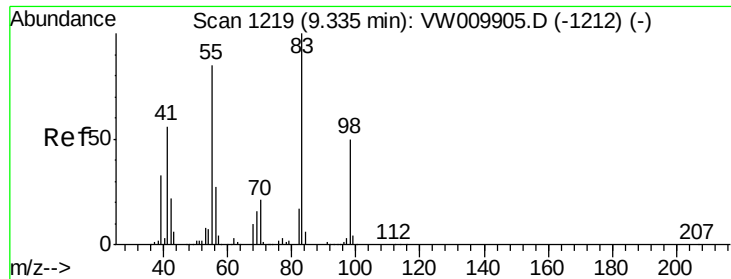
Ion Ratio Lower Upper

84 100

49 140.6 98.3 182.5

86 69.8 46.4 86.2





#36
Methylcyclohexane
Concen: 4.428 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
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Instrument :
MSVOA_W
ClientSampleId :
BF885

Tgt Ion: 83 Resp: 22956
Ion Ratio Lower Upper
83 100
55 1.4 66.3 99.5#
98 2.8 39.4 59.0#

