

Data File : VW009915.D
Acq On : 11 Apr 2019 15:22
Operator : SY/VA
Sample : K2303-08
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF8A3

Quant Time: Apr 12 02:07:15 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	384977	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	377556	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	152583	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	99773	19.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.24%
7) Chloroethane-d5	2.90	69	93544	20.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.08%
10) 1,1-Dichloroethene-d2	4.18	63	250	0.02	ug/L	0.16
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.08%#
20) 2-Butanone-d5	7.08	46	95245	58.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.46%
24) Chloroform-d	7.65	84	290033	27.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.44%
26) 1,2-Dichloroethane-d4	8.30	65	196577	30.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.92%
29) Benzene-d6	8.27	84	526637	26.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.28%
33) 1,2-Dichloropropane-d6	9.27	67	179185	29.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.08%
37) Toluene-d8	10.32	98	450915	24.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.44%
38) trans-1,3-Dichloropropene-	10.58	79	68677	23.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.08%
39) 2-Hexanone-d5	10.93	63	56912	49.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	156269	27.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	166339	31.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	124.28%#

Target Compounds

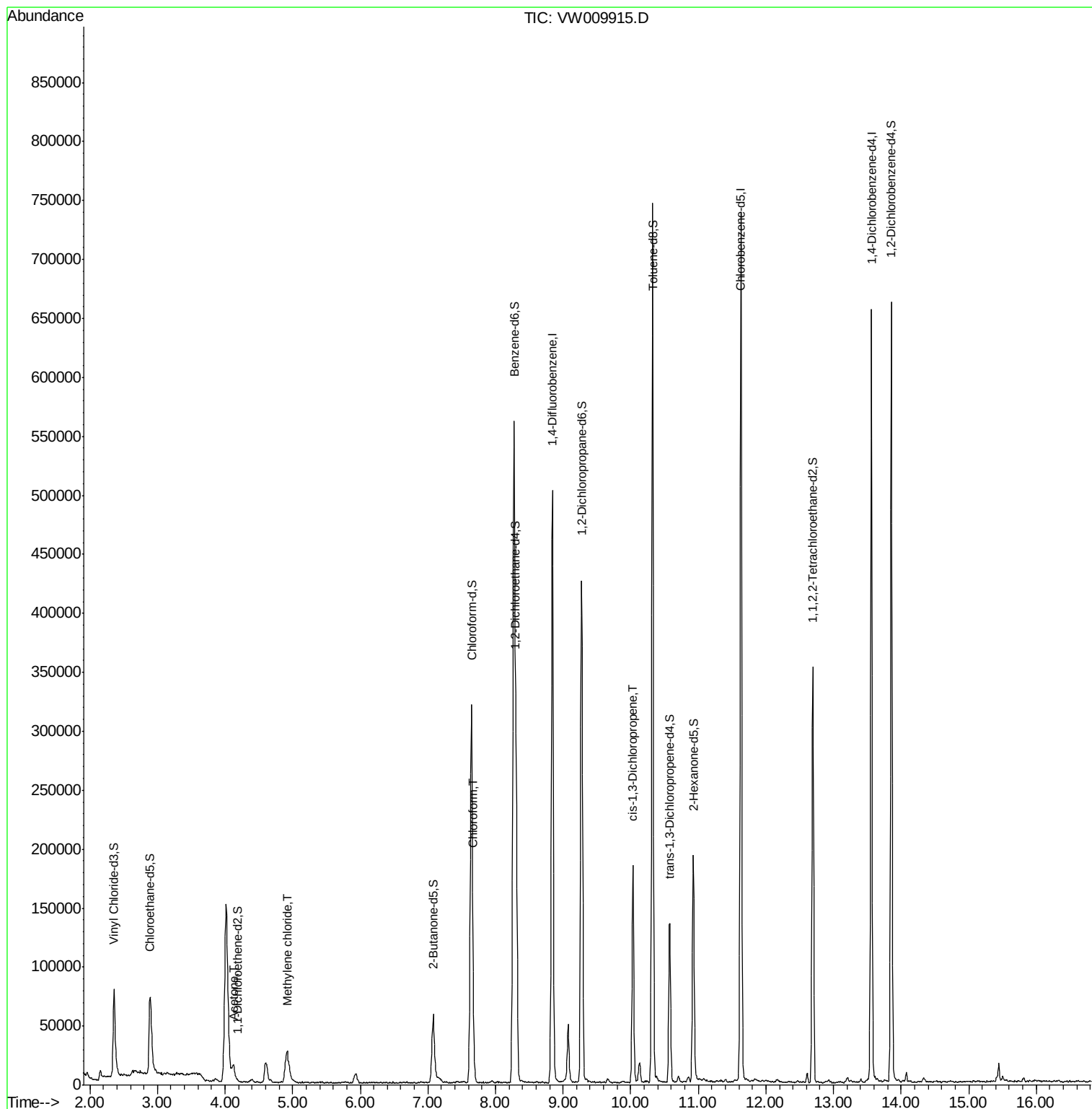
					Qvalue
13) Acetone	4.12	43	22101	12.611 ug/L	99
16) Methylene chloride	4.92	84	16089	2.370 ug/L	88
25) Chloroform	7.67	83	15215	1.423 ug/L #	73
42) cis-1,3-Dichloropropene	10.03	75	5297	0.588 ug/L	89

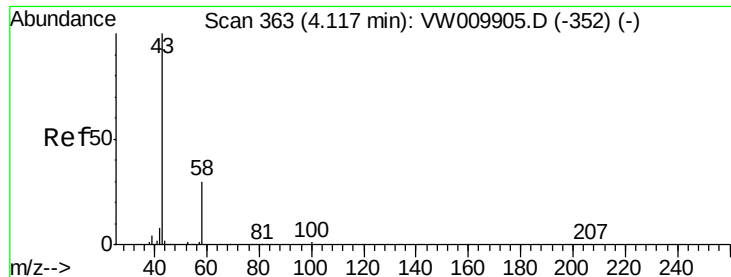
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.611 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

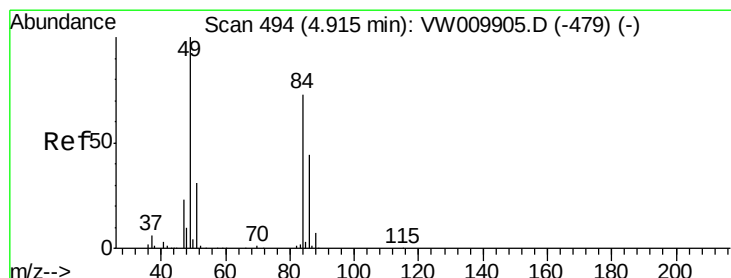
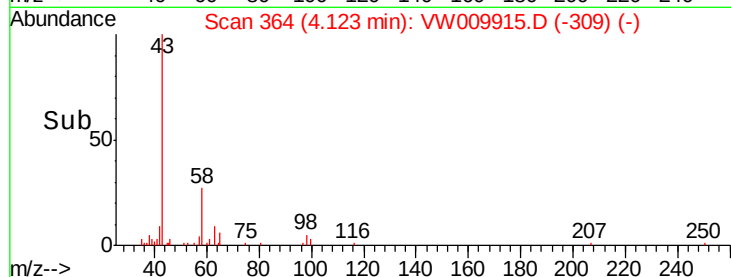
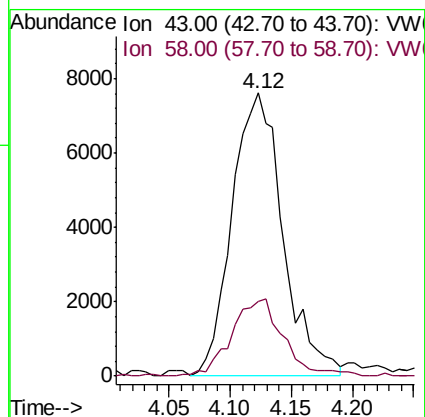
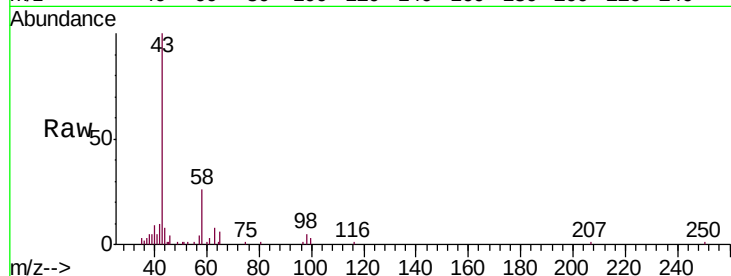
BF8A3

Tgt Ion: 43 Resp: 22101

Ion Ratio Lower Upper

43 100

58 27.0 0.0 53.0



#16

Methylene chloride

Concen: 2.370 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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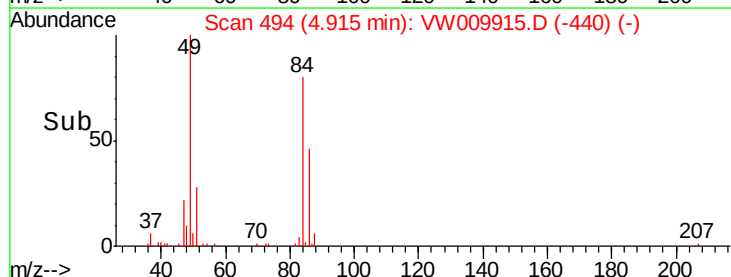
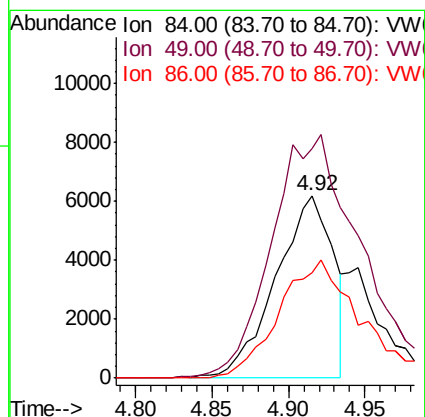
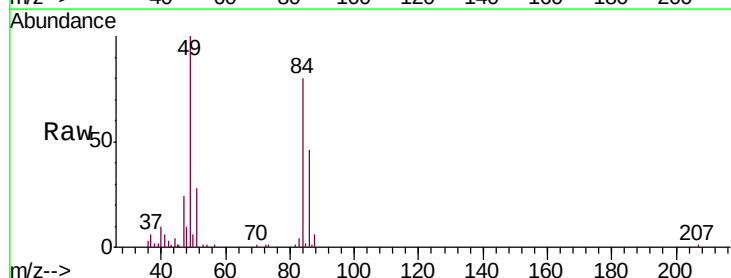
Tgt Ion: 84 Resp: 16089

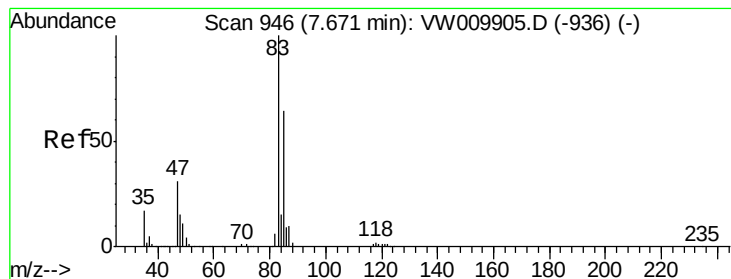
Ion Ratio Lower Upper

84 100

49 125.7 98.3 182.5

86 57.8 46.4 86.2





#25

Chloroform

Concen: 1.423 ug/L

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

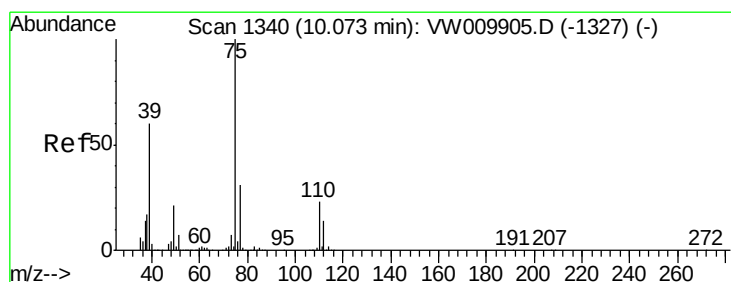
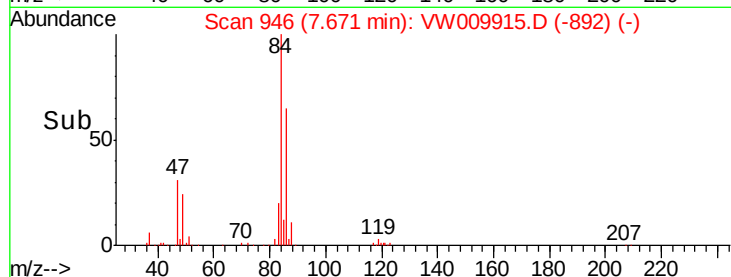
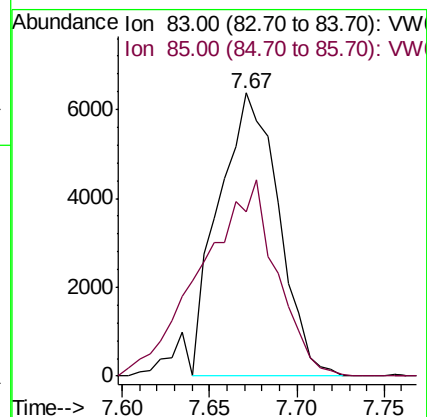
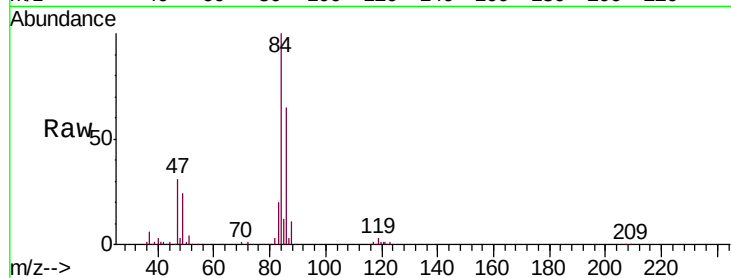
BF8A3

Tgt Ion: 83 Resp: 15215

Ion Ratio Lower Upper

83 100

85 86.5 45.6 84.8#



#42

cis-1,3-Dichloropropene

Concen: 0.588 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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Tgt Ion: 75 Resp: 5297

Ion Ratio Lower Upper

75 100

77 36.0 21.0 39.0

