

Data File : VW009921.D
Acq On : 11 Apr 2019 18:06
Operator : SY/VA
Sample : K2303-16
Misc : 5.43G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF884

Quant Time: Apr 12 02:08:15 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	196980	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	211311	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	73643	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	44949	17.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.76%
7) Chloroethane-d5	2.89	69	50910	21.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.24%
10) 1,1-Dichloroethene-d2	4.01	63	94682	17.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.32%
20) 2-Butanone-d5	7.07	46	81494	97.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	194.74%#
24) Chloroform-d	7.65	84	203279	37.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	151.28%#
26) 1,2-Dichloroethane-d4	8.45	65	135	0.04	ug/L	0.14
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.16%#
29) Benzene-d6	8.27	84	326795	29.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.84%
33) 1,2-Dichloropropane-d6	9.27	67	126967	37.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	148.24%#
37) Toluene-d8	10.32	98	260519	25.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.60%
38) trans-1,3-Dichloropropene-	10.58	79	48312	29.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	118.28%
39) 2-Hexanone-d5	10.93	63	48670	75.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.74%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	145762	45.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	183.04%#
61) 1,2-Dichlorobenzene-d4	13.86	152	92700	35.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	143.48%#

Target Compounds

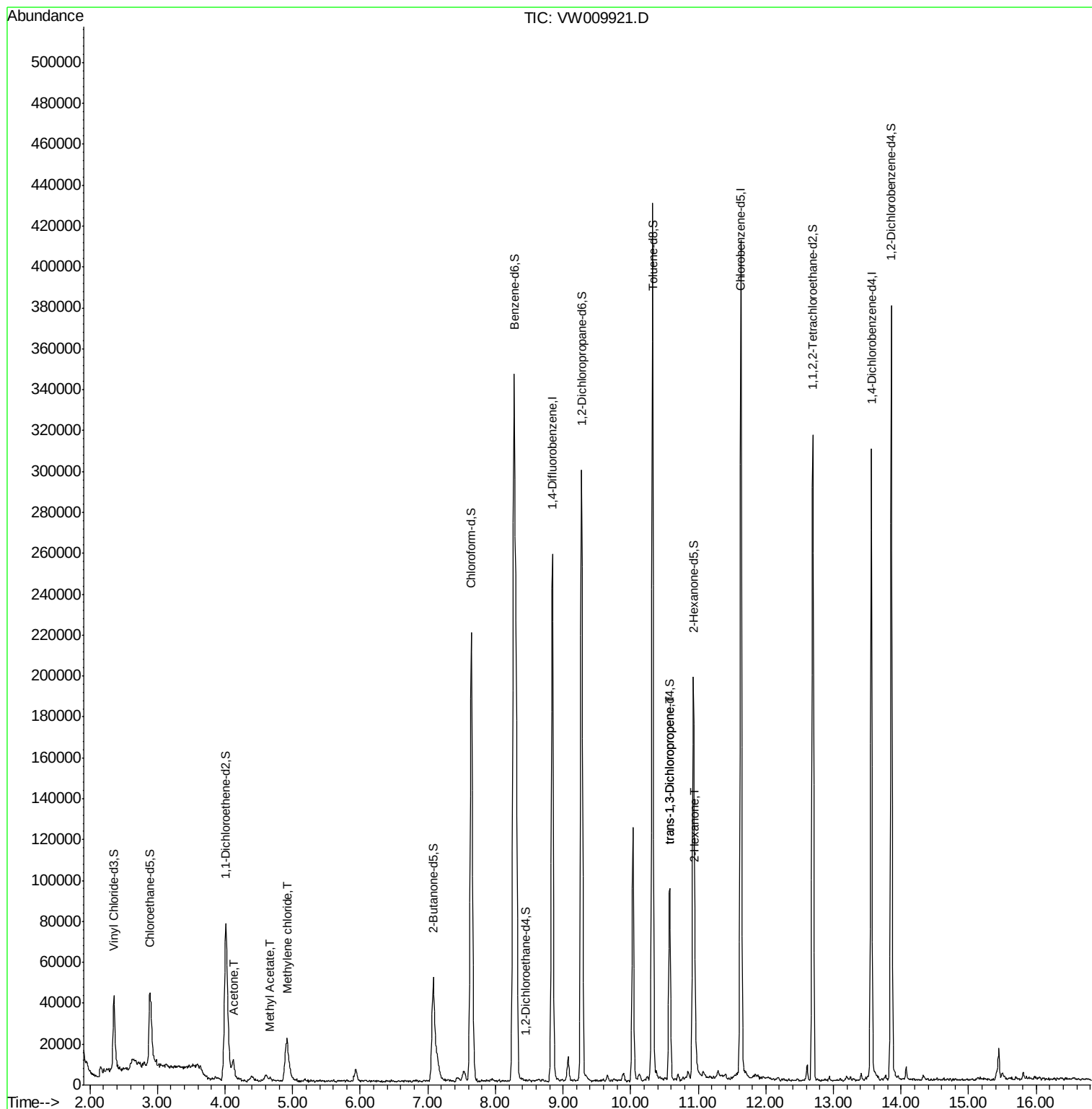
					Qvalue
13) Acetone	4.12	43	15278	17.038 ug/L	88
15) Methyl Acetate	4.67	43	1754	1.073 ug/L #	78
16) Methylene chloride	4.92	84	16189	4.660 ug/L	89
45) trans-1,3-Dichloropropene	10.57	75	2626	0.604 ug/L #	71
49) 2-Hexanone	10.95	43	22504	11.955 ug/L #	71

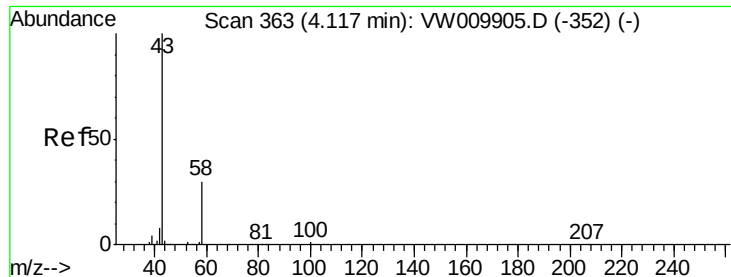
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 17.038 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 11 Apr 2019 18:06

Instrument :

MSVOA_W

ClientSampleId :

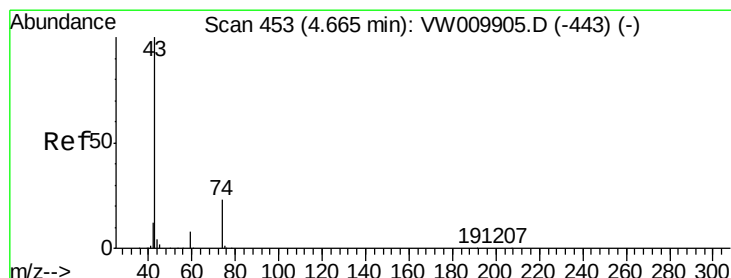
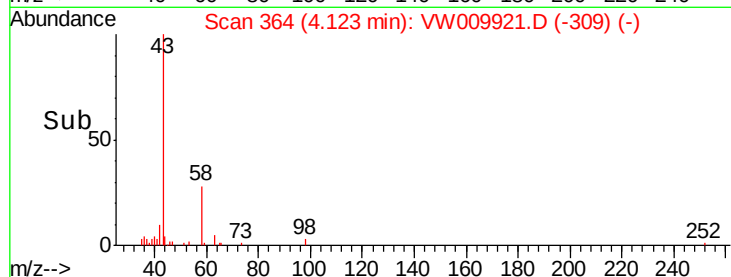
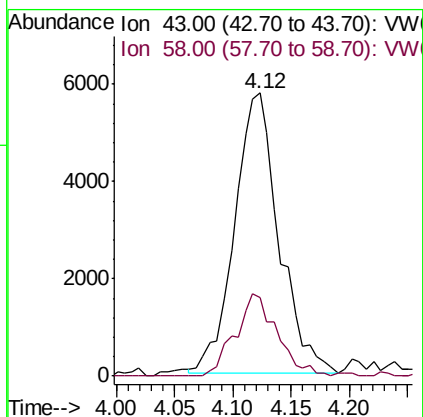
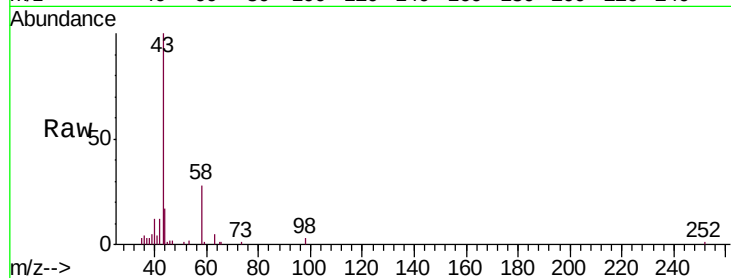
BF884

Tgt Ion: 43 Resp: 15278

Ion Ratio Lower Upper

43 100

58 20.5 0.0 53.0



#15

Methyl Acetate

Concen: 1.073 ug/L

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW009921.D

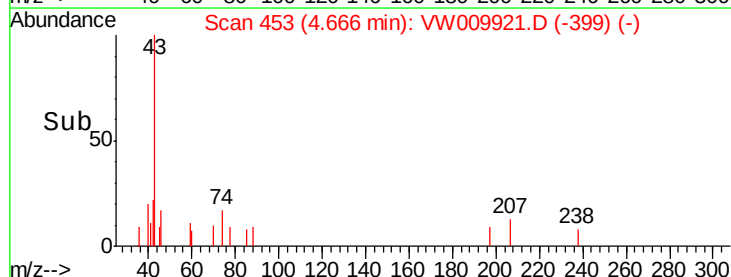
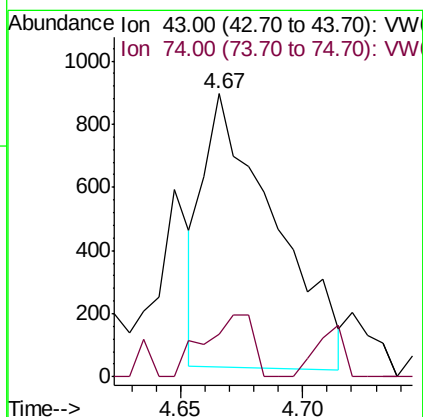
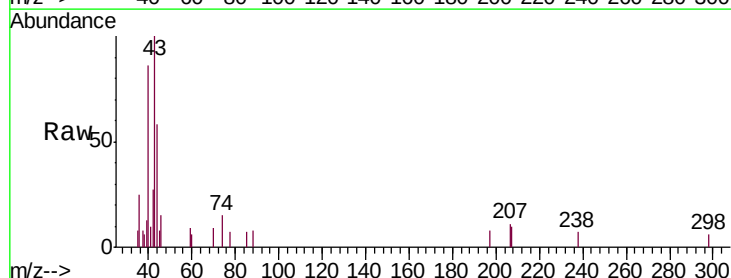
Acq: 11 Apr 2019 18:06

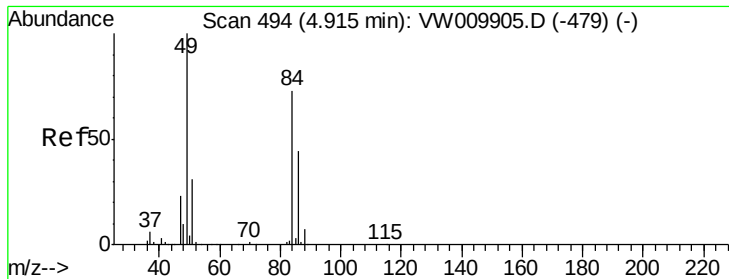
Tgt Ion: 43 Resp: 1754

Ion Ratio Lower Upper

43 100

74 10.9 17.2 25.8#

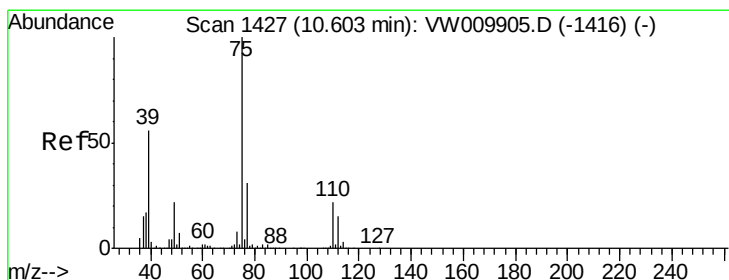
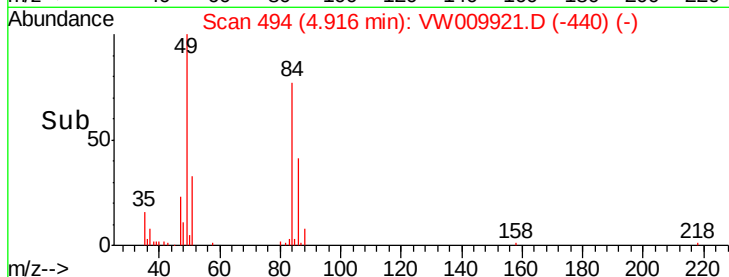
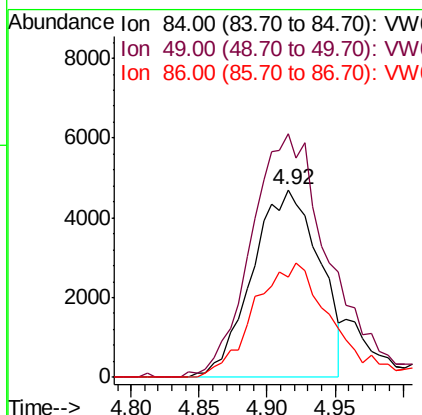
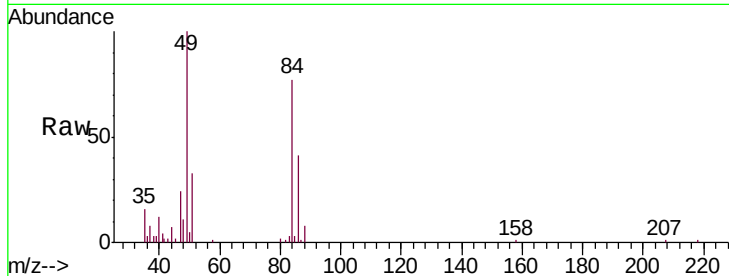




#16
Methylene chloride
Concen: 4.660 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009921.D
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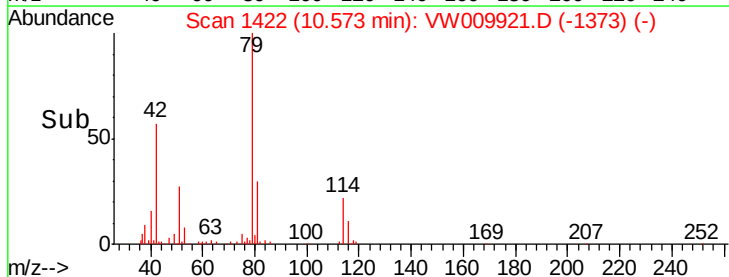
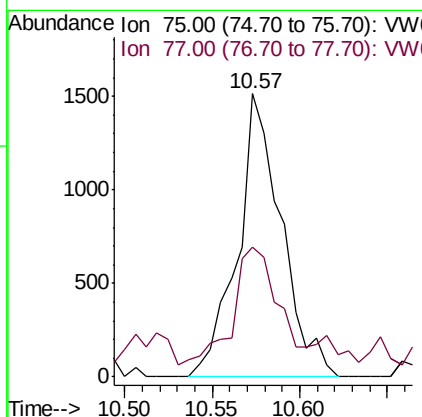
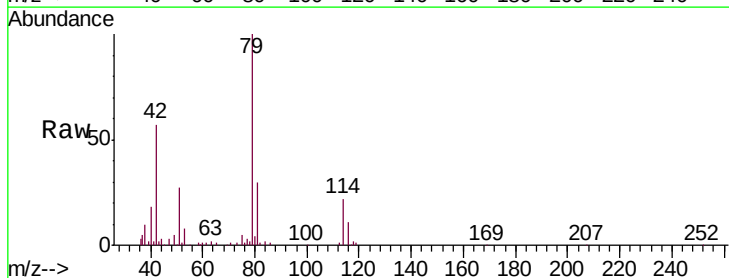
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ClientSampled :
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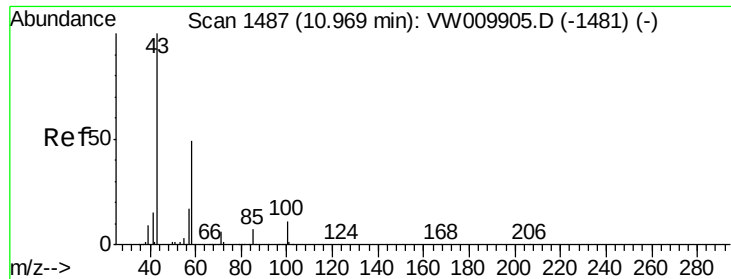
Tgt Ion: 84 Resp: 16189
Ion Ratio Lower Upper
84 100
49 129.7 98.3 182.5
86 53.7 46.4 86.2



#45
trans-1,3-Dichloropropene
Concen: 0.604 ug/L
RT: 10.57 min Scan# 1422
Delta R.T. -0.03 min
Lab File: VW009921.D
Acq: 11 Apr 2019 18:06

Tgt Ion: 75 Resp: 2626
Ion Ratio Lower Upper
75 100
77 45.7 21.1 39.3#





#49

2-Hexanone

Concen: 11.955 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VW009921.D

Acq: 11 Apr 2019 18:06

Instrument :

MSVOA_W

ClientSampleId :

BF884

Tgt Ion: 43 Resp: 22504

Ion Ratio Lower Upper

43 100

58 23.1 38.9 58.3#

57 19.8 13.8 20.6

100 0.2 8.6 13.0#

