

Data File : VW010946.D
Acq On : 24 Jun 2019 22:37
Operator : SY/VA
Sample : K3456-14
Misc : 3.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YANT8

Quant Time: Jun 25 02:50:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 02:43:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	167521	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	178716	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	72176	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	20025	9.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	36.88%
7) Chloroethane-d5	2.89	69	22819	13.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.52%
10) 1,1-Dichloroethene-d2	4.01	63	43291	8.44	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	33.76%#
20) 2-Butanone-d5	7.07	46	42672	41.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.70%
24) Chloroform-d	7.64	84	109268	24.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.76%
26) 1,2-Dichloroethane-d4	8.40	65	85	0.03	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.12%#
29) Benzene-d6	8.27	84	214242	19.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.88%
33) 1,2-Dichloropropane-d6	9.27	67	93848	26.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.88%
37) Toluene-d8	10.32	98	190159	19.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.56%
38) trans-1,3-Dichloropropene-	10.58	79	29061	18.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.08%
39) 2-Hexanone-d5	10.93	63	12919	16.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	32.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	88901	30.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.68%#
61) 1,2-Dichlorobenzene-d4	13.85	152	74749	27.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.76%

Target Compounds

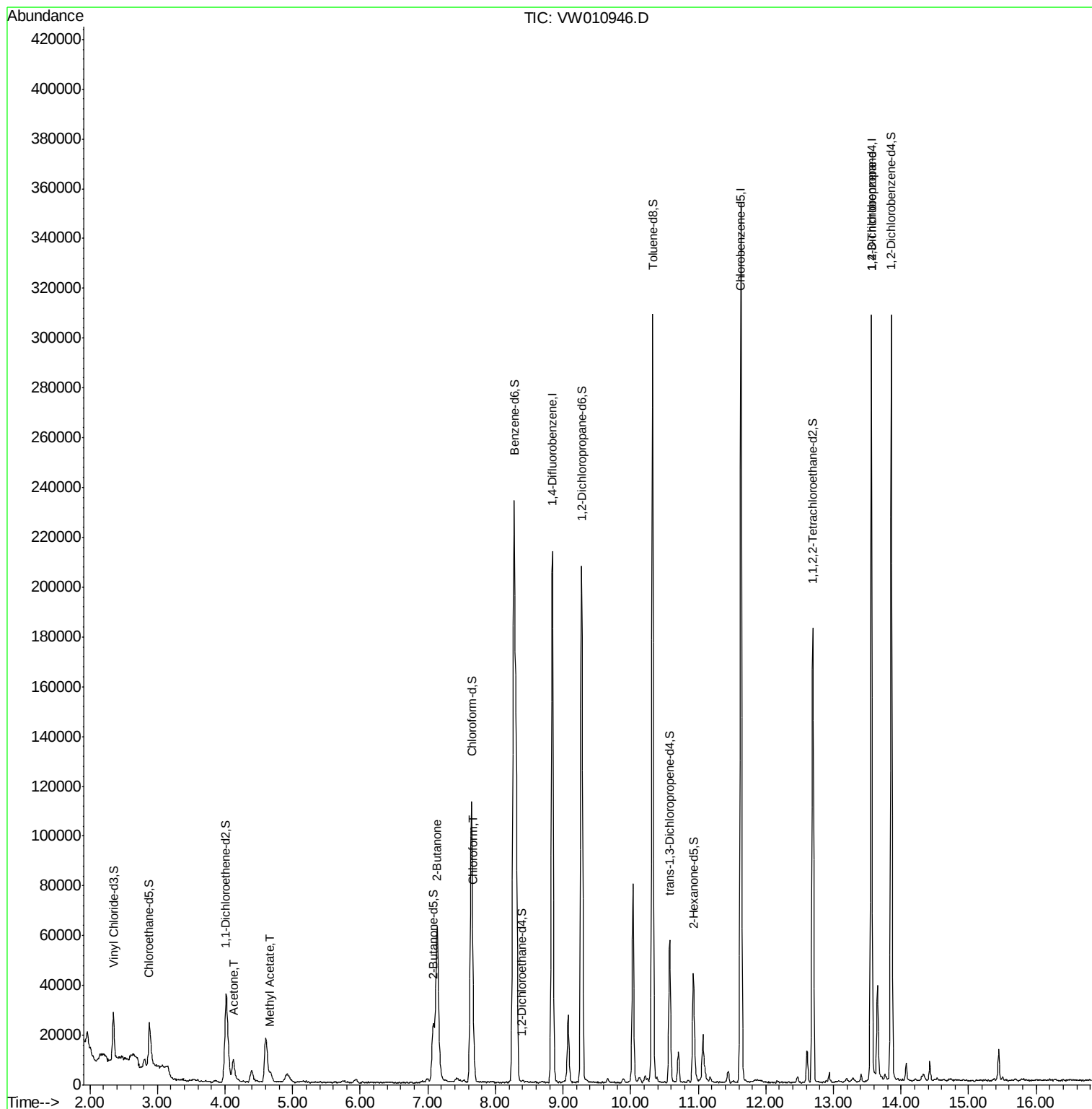
					Qvalue
13) Acetone	4.12	43	15638	16.014	ug/L 81
15) Methyl Acetate	4.67	43	6628	3.921	ug/L # 87
21) 2-Butanone	7.14	43	4221	3.287	ug/L # 68
25) Chloroform	7.67	83	9507	2.152	ug/L 85
59) 1,2,3-Trichloropropane	13.56	75	10042	4.465	ug/L 90

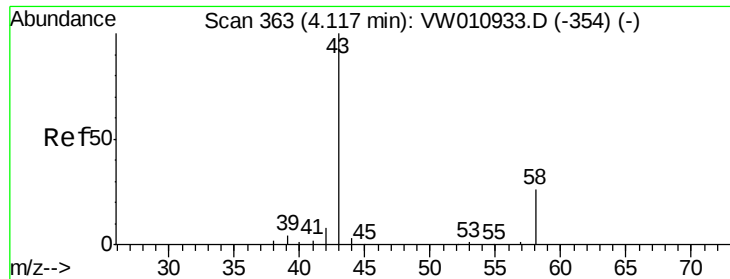
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 16.014 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

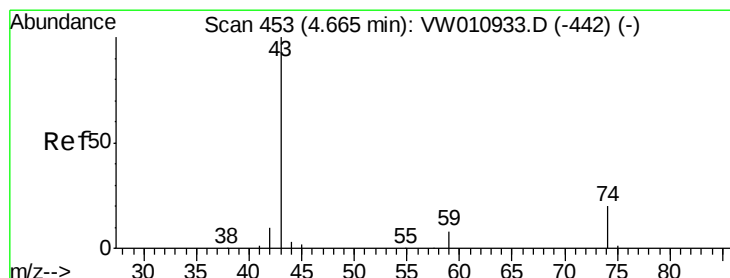
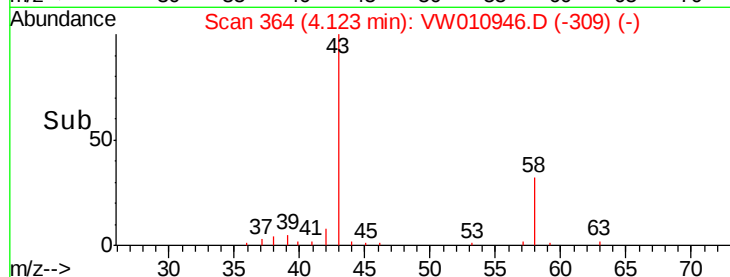
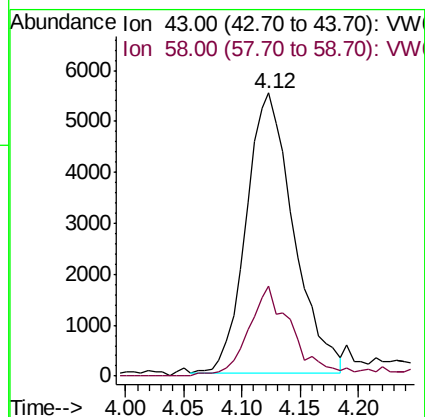
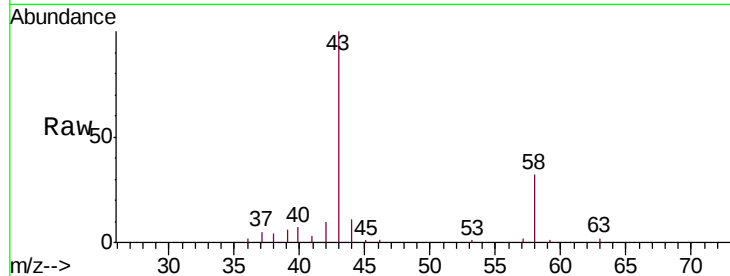
YANT8

Tgt Ion: 43 Resp: 15638

Ion Ratio Lower Upper

43 100

58 16.8 0.0 53.2



#15

Methyl Acetate

Concen: 3.921 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

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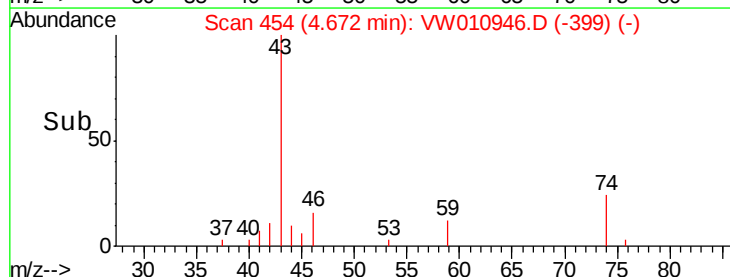
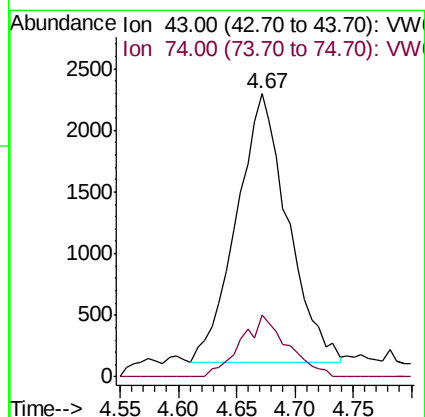
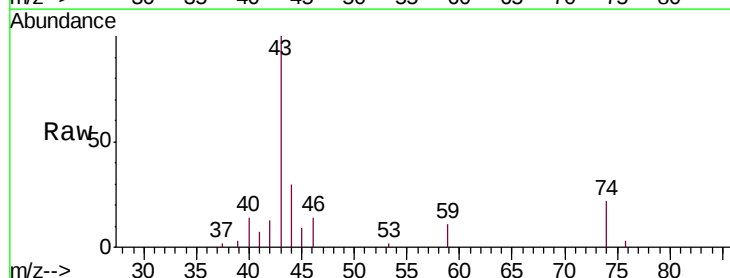
Acq: 24 Jun 2019 22:37

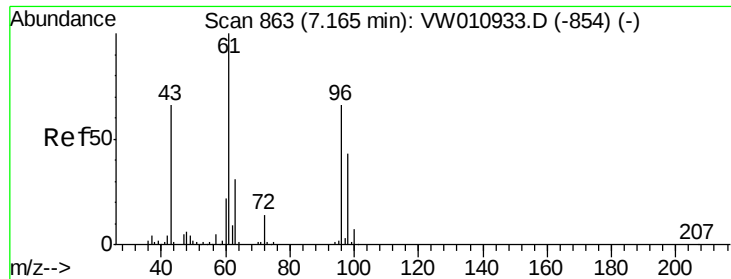
Tgt Ion: 43 Resp: 6628

Ion Ratio Lower Upper

43 100

74 13.1 15.3 22.9#





#21

2-Butanone

Concen: 3.287 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

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Acq: 24 Jun 2019 22:37

Instrument :

MSVOA_W

ClientSampled :

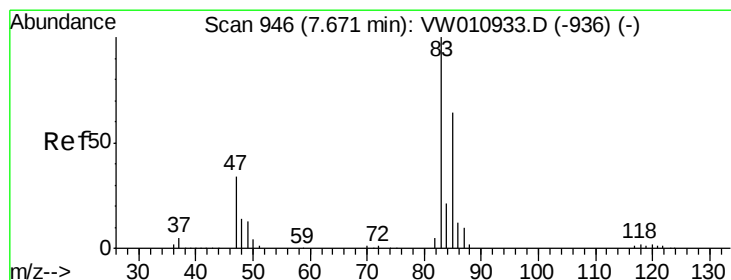
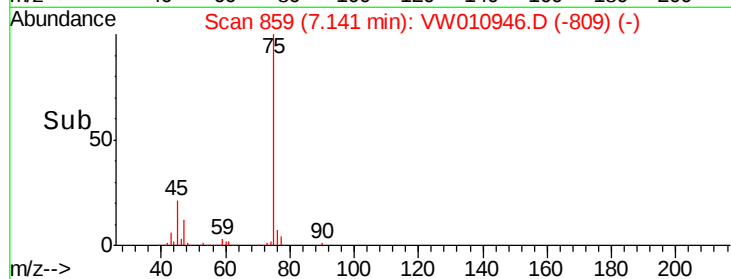
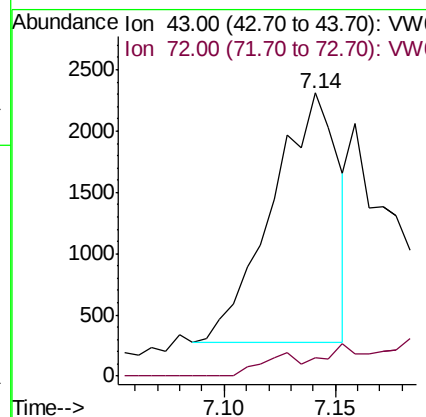
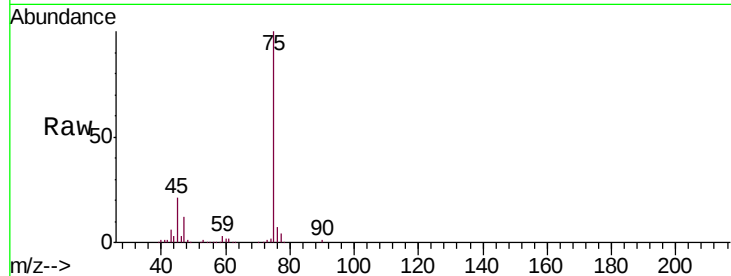
YANT8

Tgt Ion: 43 Resp: 4221

Ion Ratio Lower Upper

43 100

72 6.4 10.9 32.6#



#25

Chloroform

Concen: 2.152 ug/L

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

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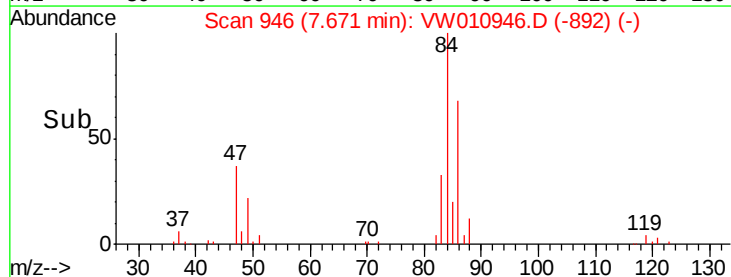
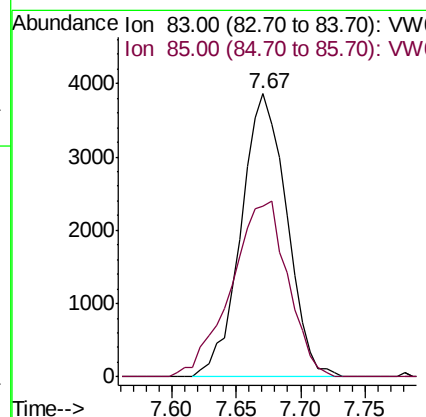
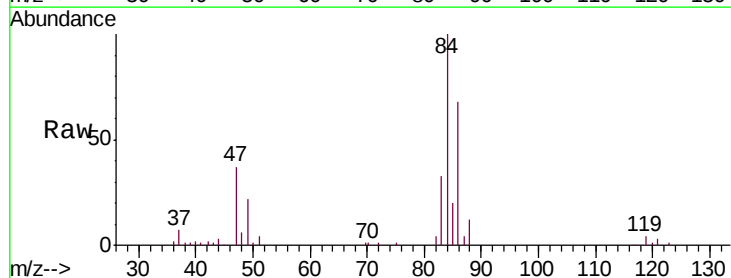
Acq: 24 Jun 2019 22:37

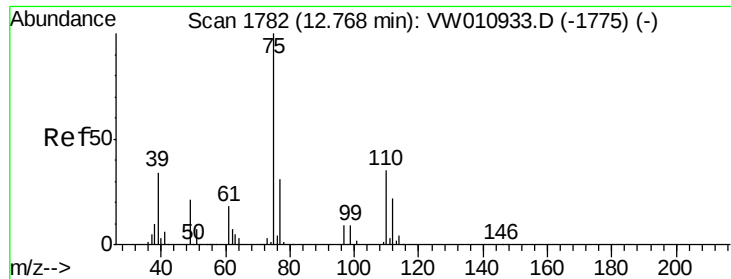
Tgt Ion: 83 Resp: 9507

Ion Ratio Lower Upper

83 100

85 77.0 45.6 84.8





#59

1,2,3-Trichloropropane

Concen: 4.465 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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Acq: 24 Jun 2019 22:37

Instrument :

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ClientSampleId :

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Tgt Ion: 75 Resp: 10042

Ion Ratio Lower Upper

75 100

77 37.1 25.2 37.8

