

Data File : VW011431.D
Acq On : 22 Jul 2019 20:24
Operator : SY/VA
Sample : K3922-04
Misc : 6.02G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52F1

Quant Time: Jul 23 04:59:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 23 04:55:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	420793	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	365363	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	151804	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	151849	27.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.12%
7) Chloroethane-d5	2.89	69	110295	26.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.80%
10) 1,1-Dichloroethene-d2	4.01	63	255982	20.11	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.44%
20) 2-Butanone-d5	7.07	46	129498	54.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.26%
24) Chloroform-d	7.65	84	290257	26.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.76%
26) 1,2-Dichloroethane-d4	8.39	65	216	0.03	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.12%#
29) Benzene-d6	8.27	84	611051	27.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.84%
33) 1,2-Dichloropropane-d6	9.27	67	201665	28.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.92%
37) Toluene-d8	10.32	98	518508	26.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.92%
38) trans-1,3-Dichloropropene-	10.58	79	81696	26.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.84%
39) 2-Hexanone-d5	10.93	63	94209	61.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	158686	28.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	151693	26.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.44%

Target Compounds

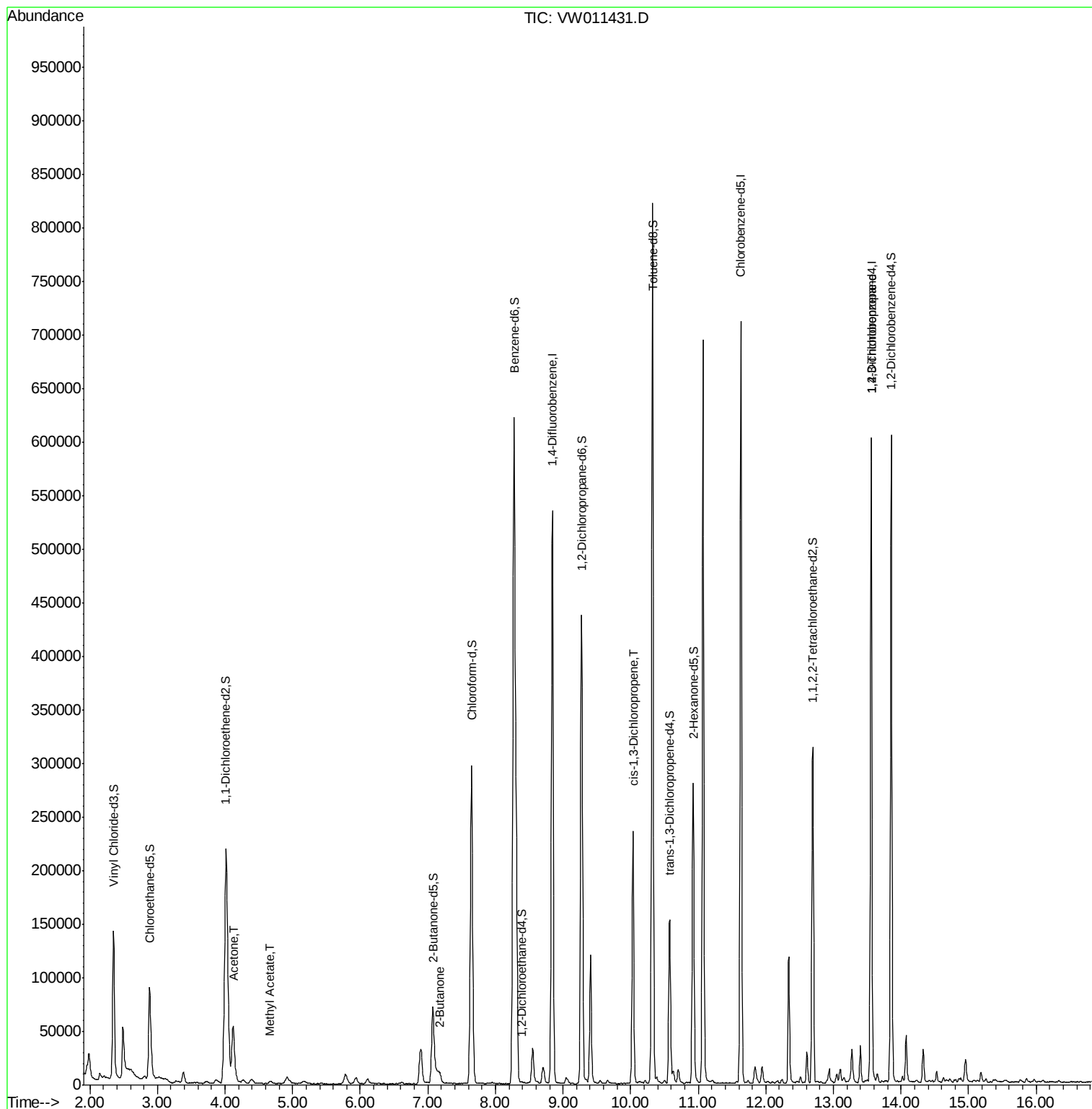
					Qvalue
13) Acetone	4.12	43	95383	37.689 ug/L	98
15) Methyl Acetate	4.67	43	4915	1.265 ug/L #	80
21) 2-Butanone	7.18	43	14754	4.536 ug/L	80
42) cis-1,3-Dichloropropene	10.04	75	5385	0.563 ug/L #	62
59) 1,2,3-Trichloropropane	13.56	75	21033	4.969 ug/L	94

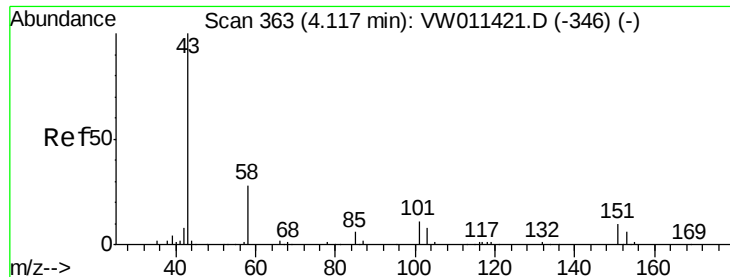
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 37.689 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 22 Jul 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

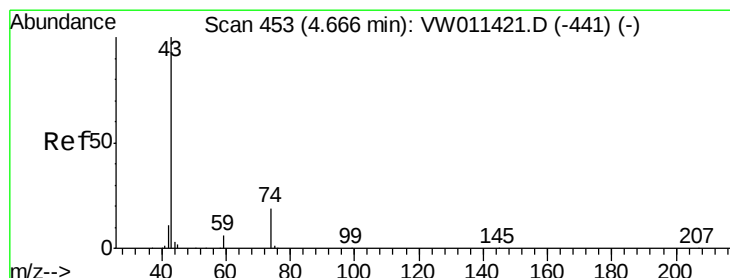
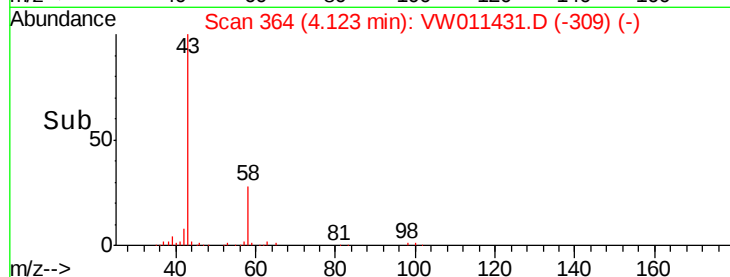
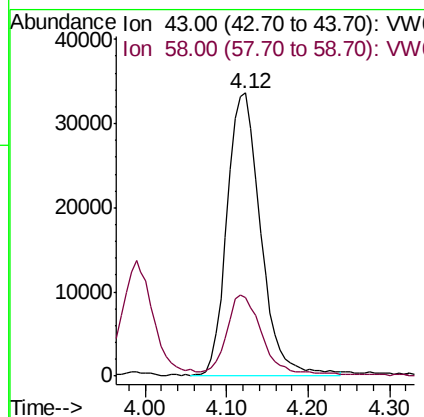
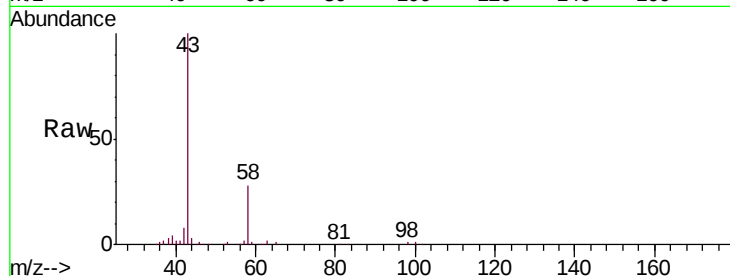
A52F1

Tgt Ion: 43 Resp: 95383

Ion Ratio Lower Upper

43 100

58 29.4 0.0 57.2



#15

Methyl Acetate

Concen: 1.265 ug/L

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

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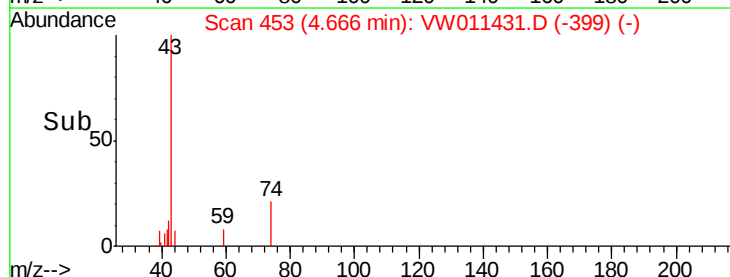
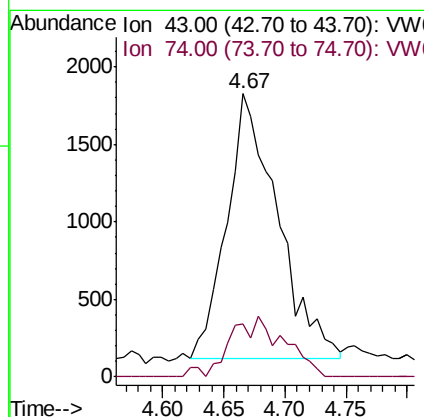
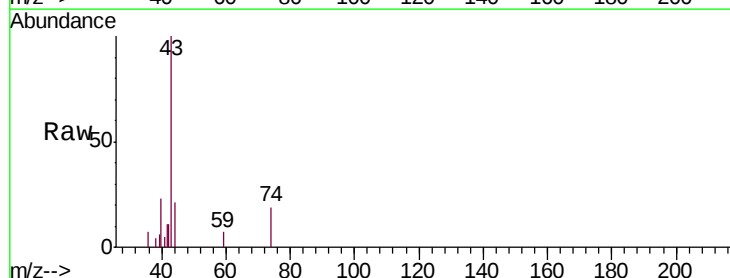
Acq: 22 Jul 2019 20:24

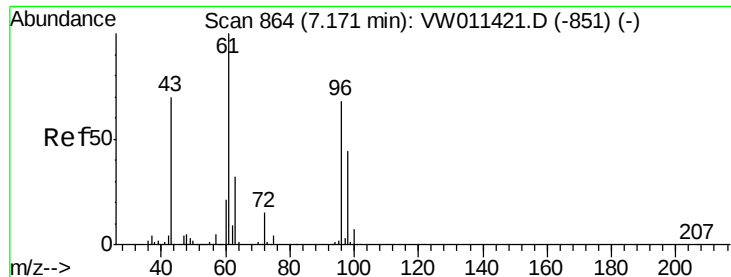
Tgt Ion: 43 Resp: 4915

Ion Ratio Lower Upper

43 100

74 9.8 15.2 22.8#





#21

2-Butanone

Concen: 4.536 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

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Acq: 22 Jul 2019 20:24

Instrument :

MSVOA_W

ClientSampled :

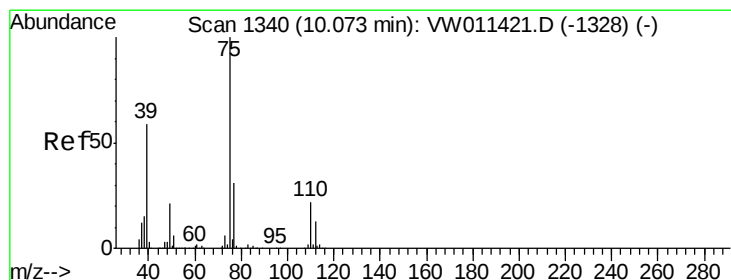
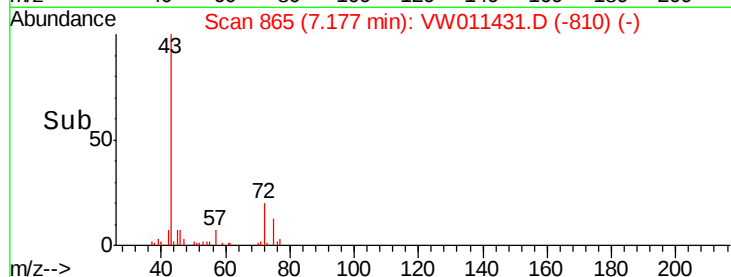
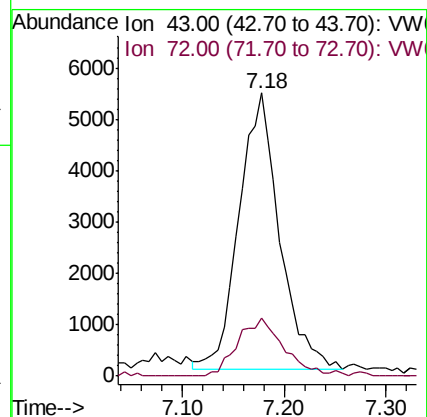
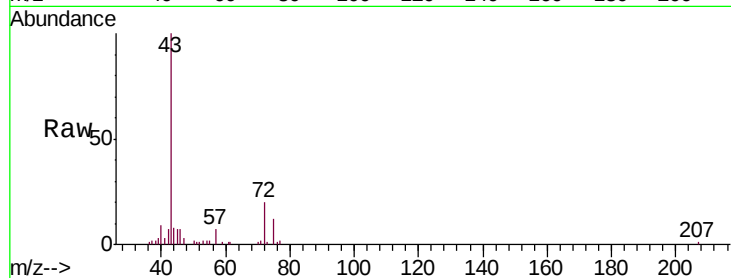
A52F1

Tgt Ion: 43 Resp: 14754

Ion Ratio Lower Upper

43 100

72 11.5 10.5 31.6



#42

cis-1,3-Dichloropropene

Concen: 0.563 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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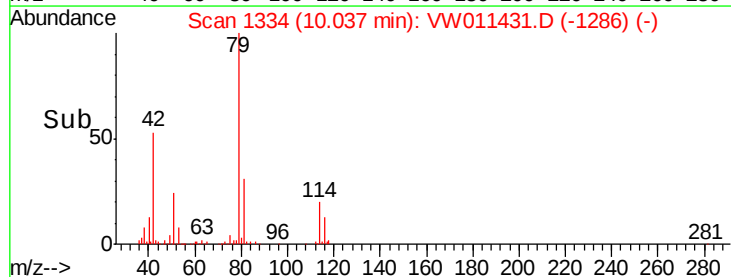
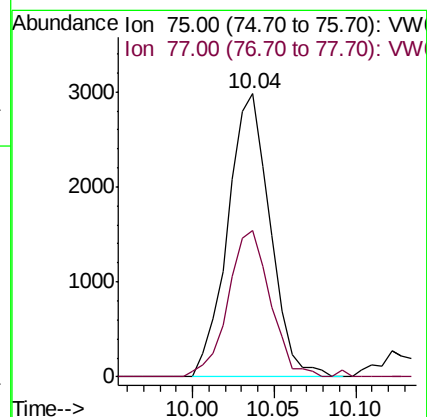
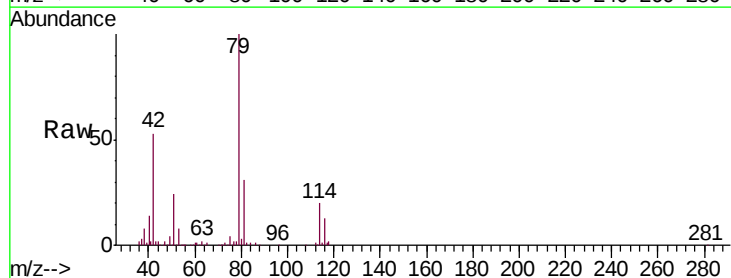
Acq: 22 Jul 2019 20:24

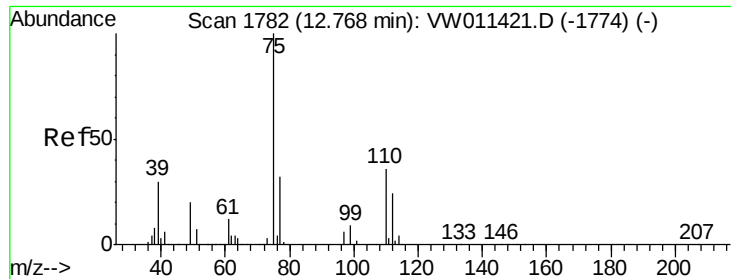
Tgt Ion: 75 Resp: 5385

Ion Ratio Lower Upper

75 100

77 51.9 21.6 40.2#





#59

1,2,3-Trichloropropane

Concen: 4.969 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW011431.D

Acq: 22 Jul 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

A52F1

Tgt Ion: 75 Resp: 21033

Ion Ratio Lower Upper

75 100

77 35.6 25.8 38.8

