

Data File : VW011321.D
Acq On : 17 Jul 2019 22:18
Operator : SY/VA
Sample : K3863-02
Misc : 5.40G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52F7

Quant Time: Jul 18 06:41:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 18 06:37:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	332513	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	297131	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	130249	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	51548	10.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	40.60%
7) Chloroethane-d5	2.88	69	52309	14.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.72%
10) 1,1-Dichloroethene-d2	4.01	63	113701	10.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	42.28%#
20) 2-Butanone-d5	7.07	46	88705	44.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.70%
24) Chloroform-d	7.65	84	178253	19.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.24%
26) 1,2-Dichloroethane-d4	8.31	65	115066	20.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.00%
29) Benzene-d6	8.27	84	343515	18.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.08%
33) 1,2-Dichloropropane-d6	9.27	67	125430	21.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.16%
37) Toluene-d8	10.32	98	287048	17.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.40%
38) trans-1,3-Dichloropropene-	10.58	79	46096	18.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.76%
39) 2-Hexanone-d5	10.93	63	59181	43.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	111369	22.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	100815	20.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.64%

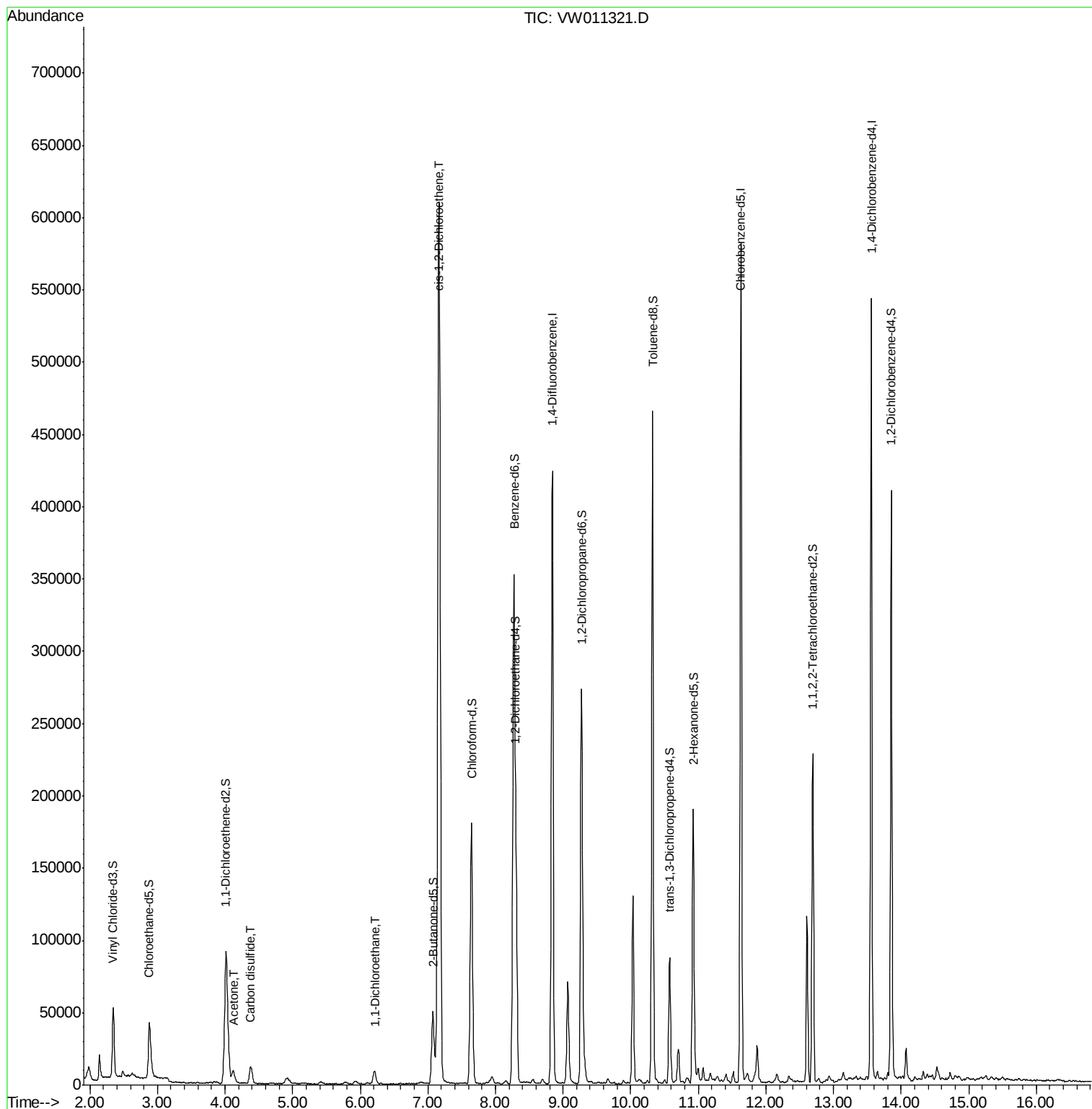
Target Compounds					Qvalue
13) Acetone	4.12	43	15267	7.815 ug/L	99
14) Carbon disulfide	4.38	76	25124	2.010 ug/L	97
19) 1,1-Dichloroethane	6.21	63	12256	1.367 ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	342692	71.698 ug/L	99

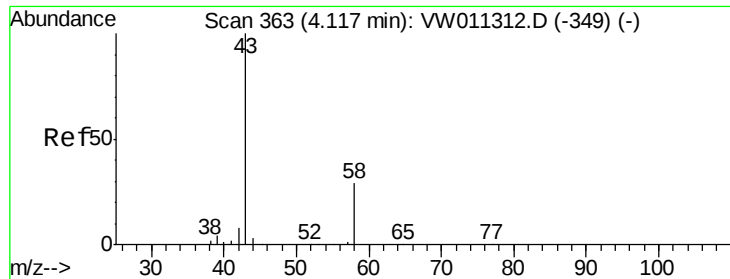
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.815 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

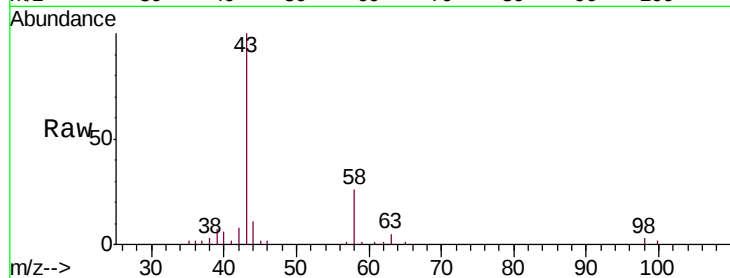
A52F7

Tgt Ion: 43 Resp: 15267

Ion Ratio Lower Upper

43 100

58 27.9 0.0 55.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

6000

5000

4000

3000

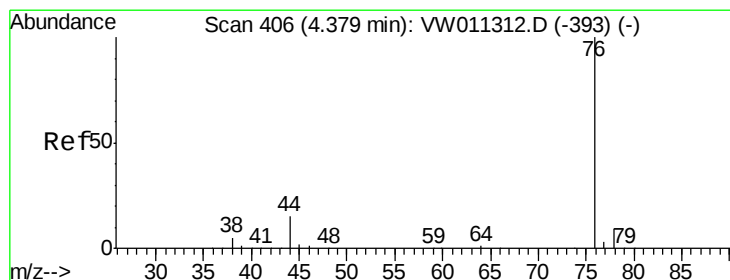
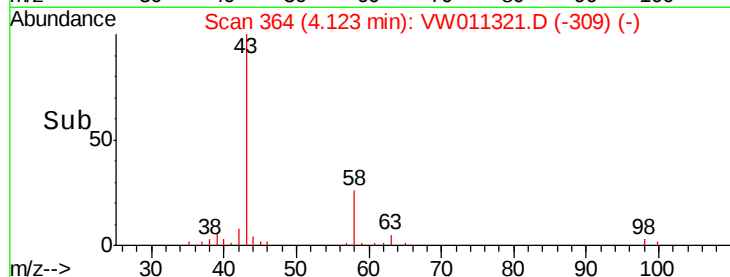
2000

1000

0

Time-->

4.00 4.05 4.10 4.15 4.20



#14

Carbon disulfide

Concen: 2.010 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

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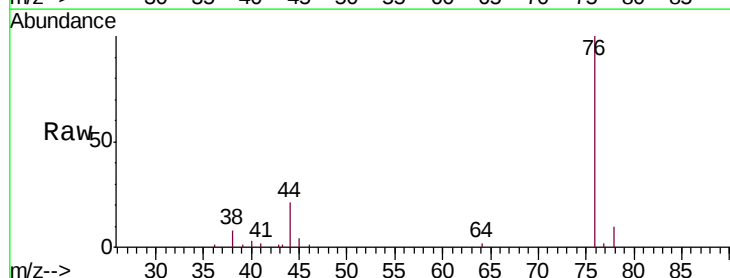
Acq: 17 Jul 2019 22:18

Tgt Ion: 76 Resp: 25124

Ion Ratio Lower Upper

76 100

78 10.3 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

4.38

8000

6000

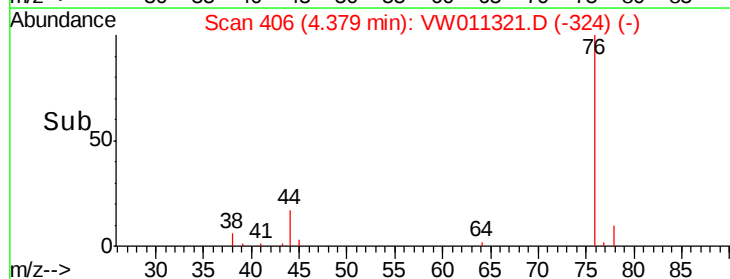
4000

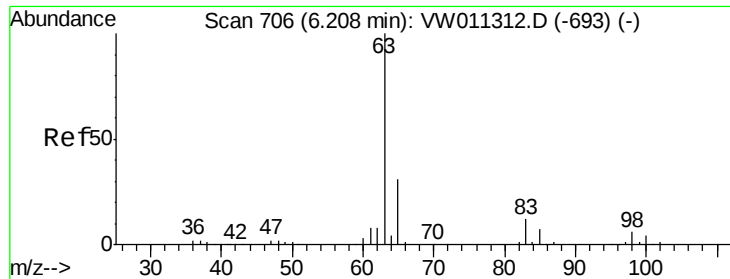
2000

0

Time-->

4.30 4.40 4.50

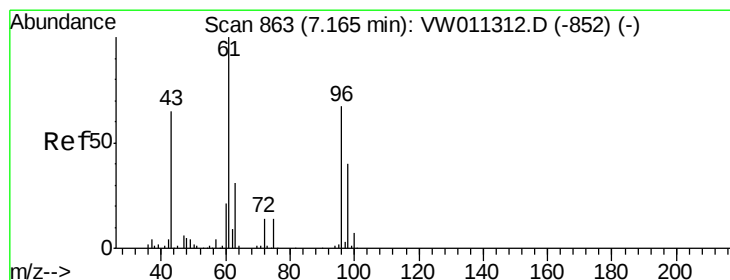
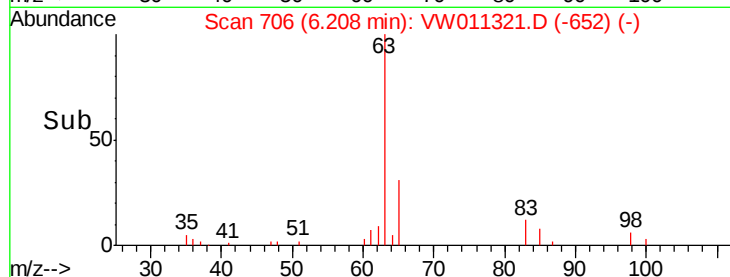
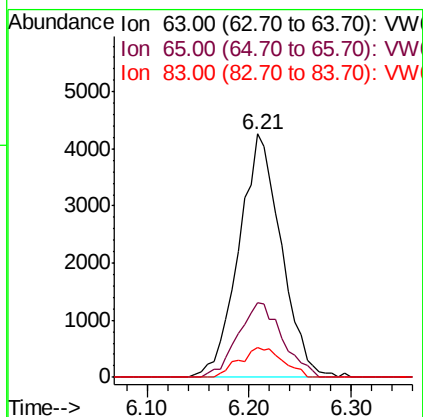
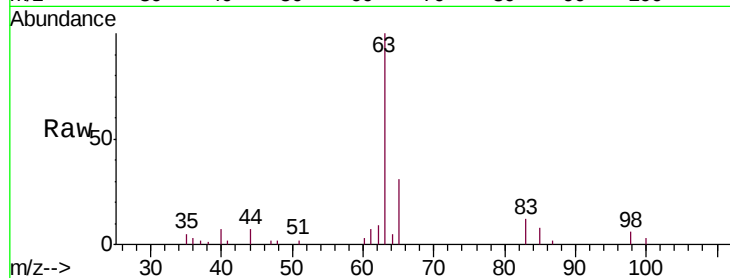




#19
 1,1-Dichloroethane
 Concen: 1.367 ug/L
 RT: 6.21 min Scan# 706
 Delta R.T. -0.00 min
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Instrument :
 MSVOA_W
 ClientSampled :
 A52F7

Tgt Ion:	63	Resp:	12256
Ion	Ratio	Lower	Upper
63	100		
65	30.5	22.1	41.1
83	12.5	9.0	16.6



#22
 cis-1,2-Dichloroethene
 Concen: 71.698 ug/L
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW011321.D
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Tgt Ion:	96	Resp:	342692
Ion	Ratio	Lower	Upper
96	100		
61	145.8	103.2	191.6
98	63.9	44.8	83.2

