

Data File : VW014919.D
Acq On : 07 Feb 2020 14:45
Operator : SY/VA
Sample : L1386-21
Misc : 5.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F3S19

Quant Time: Feb 08 04:03:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 08 03:59:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	751187	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	716596	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	276252	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	239114	19.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.92%
7) Chloroethane-d5	2.89	69	237668	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.48%
10) 1,1-Dichloroethene-d2	4.02	63	363609	16.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.00%
20) 2-Butanone-d5	7.07	46	167945	48.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.24%
24) Chloroform-d	7.65	84	549589	25.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.08%
26) 1,2-Dichloroethane-d4	8.30	65	322048	27.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.16%
29) Benzene-d6	8.27	84	1077413	23.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.52%
33) 1,2-Dichloropropane-d6	9.27	67	383316	25.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.12%
37) Toluene-d8	10.32	98	919287	22.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.68%
38) trans-1,3-Dichloropropene-	10.58	79	126651	21.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.44%
39) 2-Hexanone-d5	10.93	63	118751	43.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	269228	23.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	280766	26.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.84%

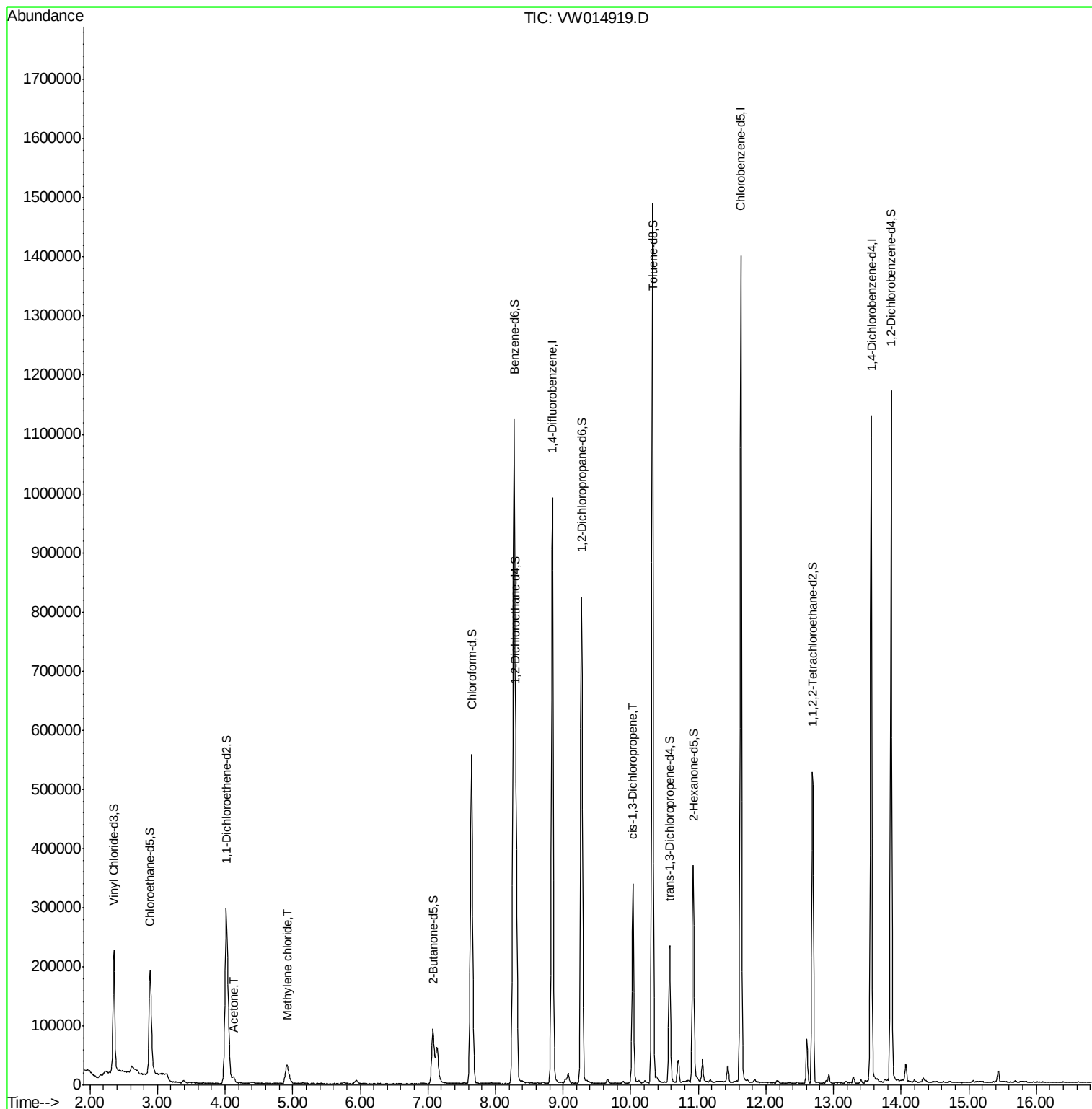
Target Compounds					Qvalue
13) Acetone	4.13	43	15254	4.234 ug/L	96
16) Methylene chloride	4.92	84	25402	1.856 ug/L	96
42) cis-1,3-Dichloropropene	10.03	75	8698	0.465 ug/L #	72

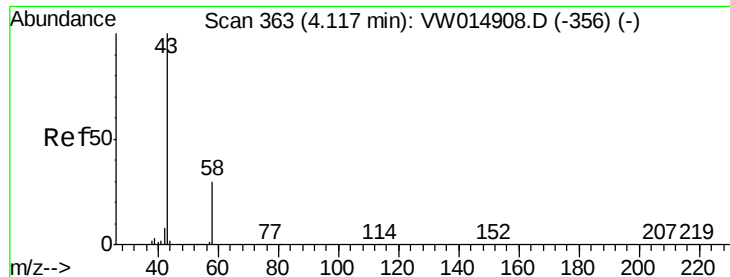
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.234 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

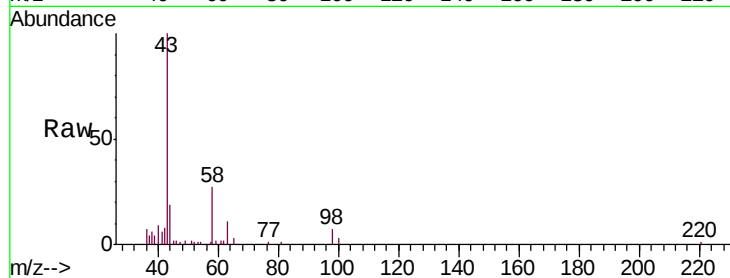
F3S19

Tgt Ion: 43 Resp: 15254

Ion Ratio Lower Upper

43 100

58 28.2 0.0 60.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

6000

5000

4000

3000

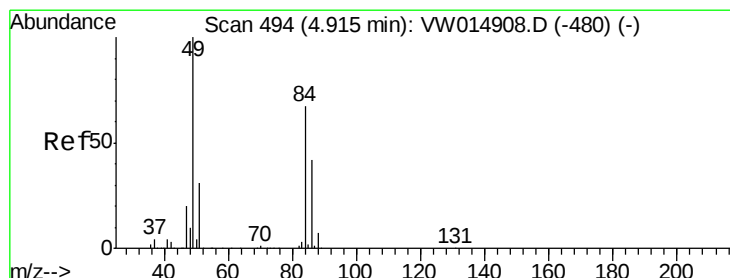
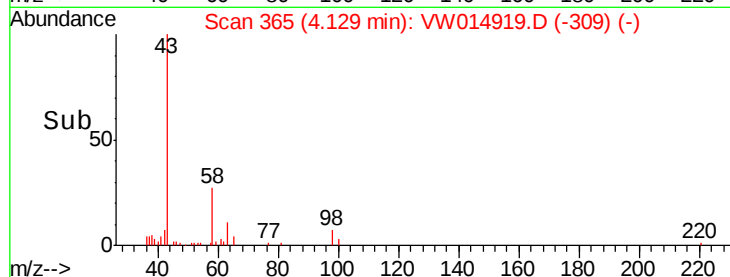
2000

1000

0

4.05 4.10 4.15 4.20 4.25

Time-->



#16

Methylene chloride

Concen: 1.856 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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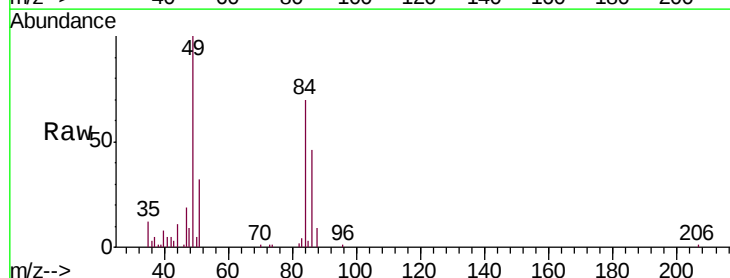
Tgt Ion: 84 Resp: 25402

Ion Ratio Lower Upper

84 100

49 142.1 95.8 177.8

86 64.9 44.2 82.2



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

15000

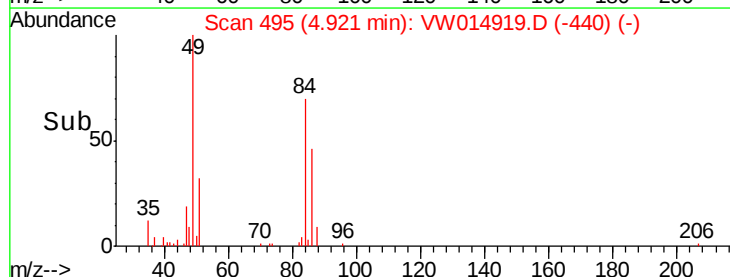
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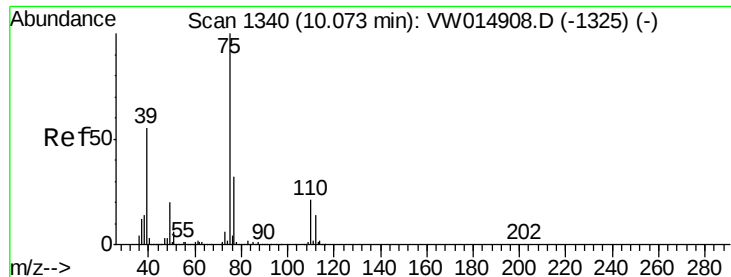
5000

0

4.80 4.90 5.00

Time-->





#42

cis-1,3-Dichloropropene

Concen: 0.465 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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F3S19

Tgt Ion: 75 Resp: 8698

Ion Ratio Lower Upper

75 100

77 47.9 22.5 41.9#

