

Data File : VW009368.D
Acq On : 23 Mar 2019 02:33
Operator : SY/VA
Sample : K2031-08
Misc : 5.35G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5R8

Quant Time: Mar 23 06:19:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 01:25:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	319873	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	226301	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	44820	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	80615	21.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.36%
7) Chloroethane-d5	2.89	69	88901	19.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.52%
10) 1,1-Dichloroethene-d2	4.01	63	128348	15.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.16%
20) 2-Butanone-d5	7.07	46	77245	48.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.72%
24) Chloroform-d	7.64	84	208549	23.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.56%
26) 1,2-Dichloroethane-d4	8.44	65	138	0.03	ug/L	0.14
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.12%#
29) Benzene-d6	8.27	84	368403	29.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.08%
33) 1,2-Dichloropropane-d6	9.27	67	121210	32.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.36%#
37) Toluene-d8	10.32	98	269737	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.48%
38) trans-1,3-Dichloropropene-	10.58	79	41119	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.36%
39) 2-Hexanone-d5	10.93	63	51772	57.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	75025	20.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	35883	20.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.52%

Target Compounds

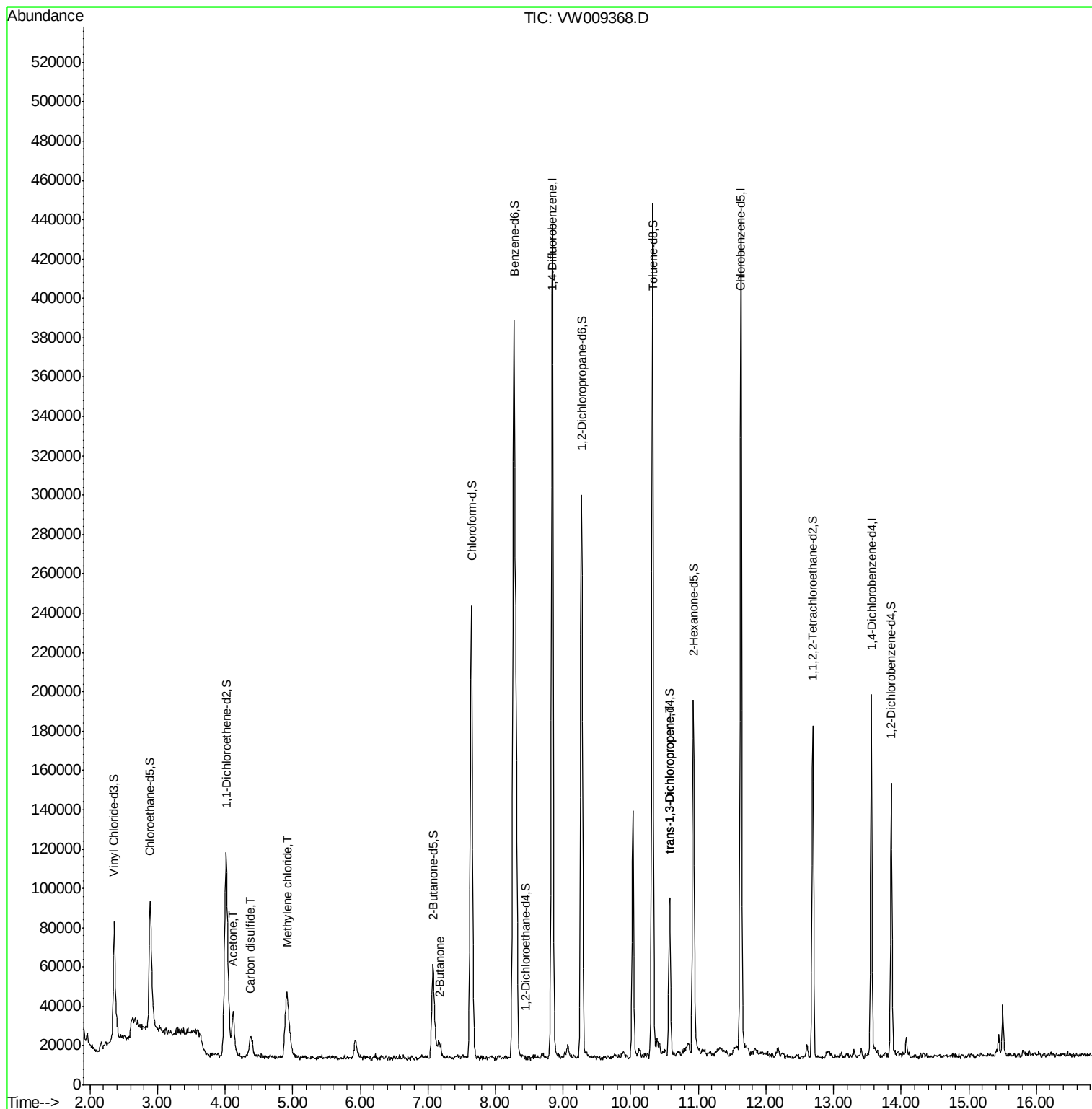
					Qvalue
13) Acetone	4.12	43	36958	28.509	ug/L 100
14) Carbon disulfide	4.37	76	10587	0.999	ug/L 98
16) Methylene chloride	4.92	84	31666	6.789	ug/L 97
21) 2-Butanone	7.17	43	7012	3.917	ug/L # 74
45) trans-1,3-Dichloropropene	10.58	75	2202	0.489	ug/L # 64

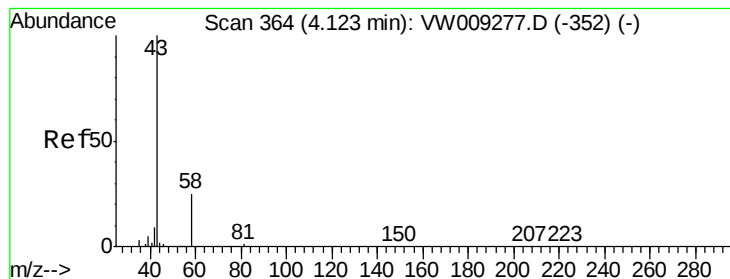
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 28.509 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

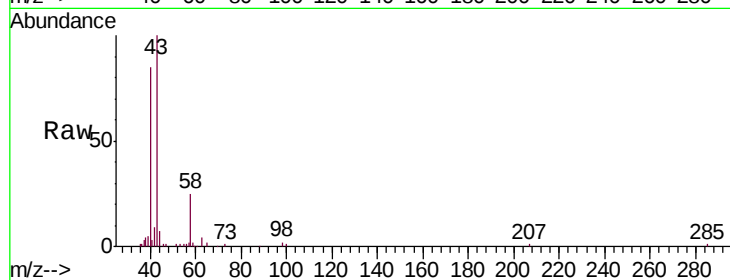
BF5R8

Tgt Ion: 43 Resp: 36958

Ion Ratio Lower Upper

43 100

58 28.3 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

15000

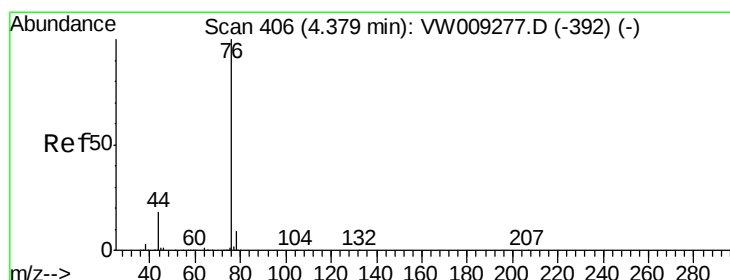
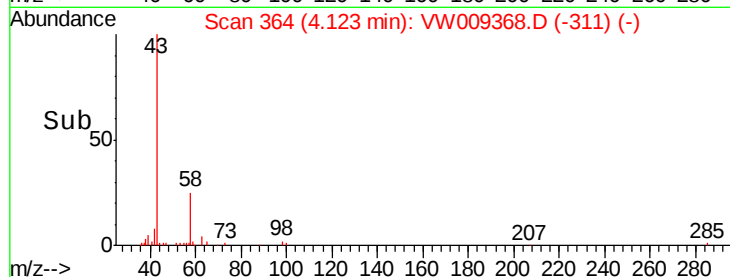
10000

5000

0

4.00 4.05 4.10 4.15 4.20

Time-->



#14

Carbon disulfide

Concen: 0.999 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

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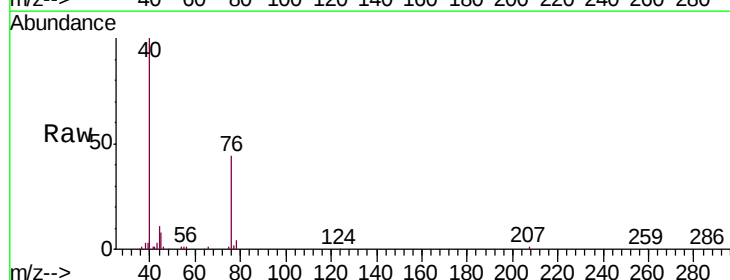
Acq: 23 Mar 2019 02:33

Tgt Ion: 76 Resp: 10587

Ion Ratio Lower Upper

76 100

78 8.3 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

6000

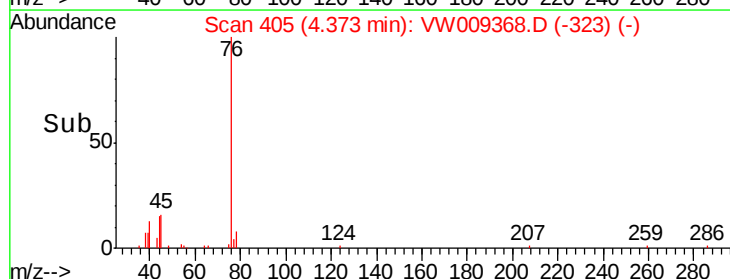
4000

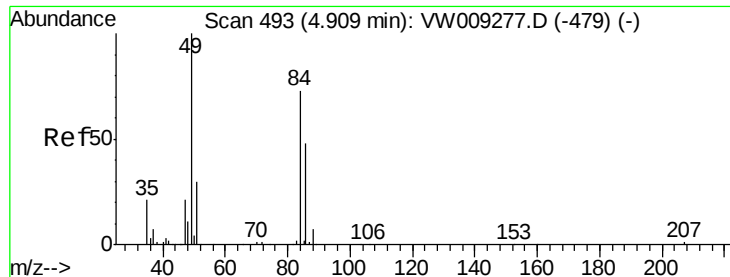
2000

0

4.30 4.35 4.40

Time-->

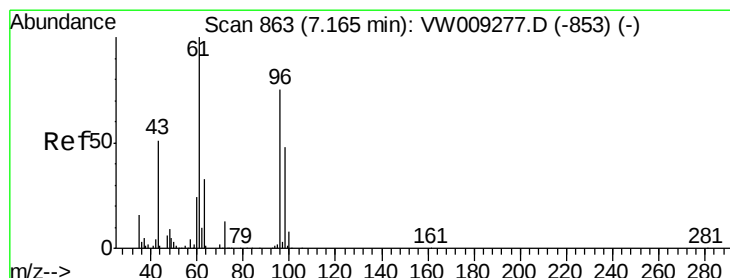
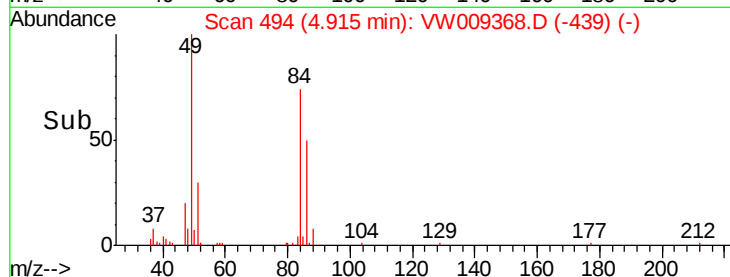
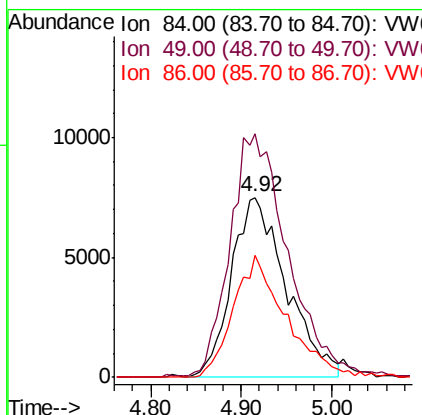
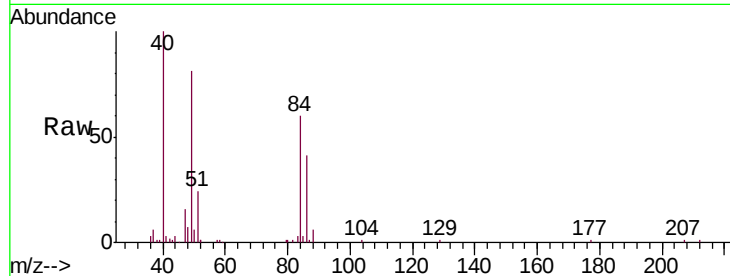




#16
Methylene chloride
Concen: 6.789 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
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Acq: 23 Mar 2019 02:33

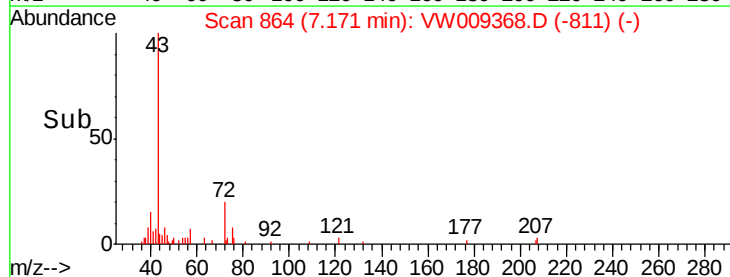
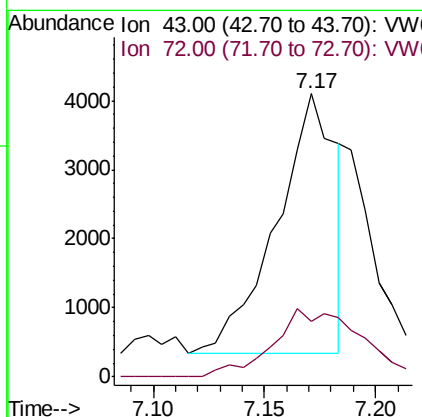
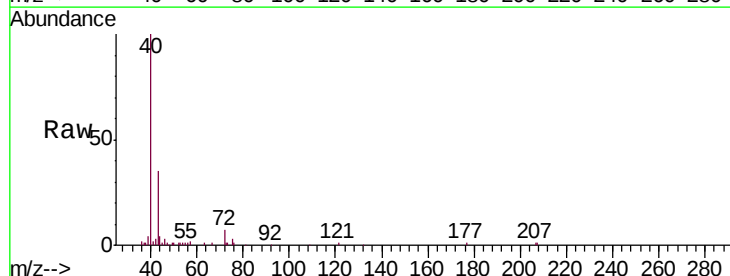
Instrument :
MSVOA_W
ClientSampled :
BF5R8

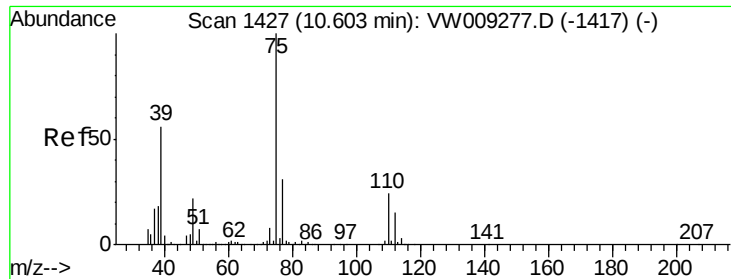
Tgt Ion: 84 Resp: 31666
Ion Ratio Lower Upper
84 100
49 135.4 96.0 178.2
86 68.1 44.4 82.5



#21
2-Butanone
Concen: 3.917 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW009368.D
Acq: 23 Mar 2019 02:33

Tgt Ion: 43 Resp: 7012
Ion Ratio Lower Upper
43 100
72 12.8 13.1 39.1#





#45

trans-1,3-Dichloropropene

Concen: 0.489 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009368.D

Acq: 23 Mar 2019 02:33

Instrument :

MSVOA_W

ClientSampleId :

BF5R8

Tgt Ion: 75 Resp: 2202

Ion Ratio Lower Upper

75 100

77 52.4 22.5 41.7#

