

Data File : VW009375.D
Acq On : 23 Mar 2019 05:44
Operator : SY/VA
Sample : K2031-19
Misc : 3.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5S9

Quant Time: Mar 23 06:21:14 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	256911	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	204885	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	61919	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	85361	27.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.20%
7) Chloroethane-d5	2.90	69	84729	23.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.36%
10) 1,1-Dichloroethene-d2	4.01	63	122402	18.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.80%
20) 2-Butanone-d5	7.08	46	73507	57.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.80%
24) Chloroform-d	7.65	84	187988	26.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.24%
26) 1,2-Dichloroethane-d4	8.31	65	115827	27.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.68%
29) Benzene-d6	8.27	84	324798	28.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.00%
33) 1,2-Dichloropropane-d6	9.27	67	101656	29.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.80%
37) Toluene-d8	10.32	98	243740	23.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.32%
38) trans-1,3-Dichloropropene-	10.58	79	25424	14.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	59.68%
39) 2-Hexanone-d5	10.93	63	45994	55.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	74643	22.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	59903	25.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.92%

Target Compounds

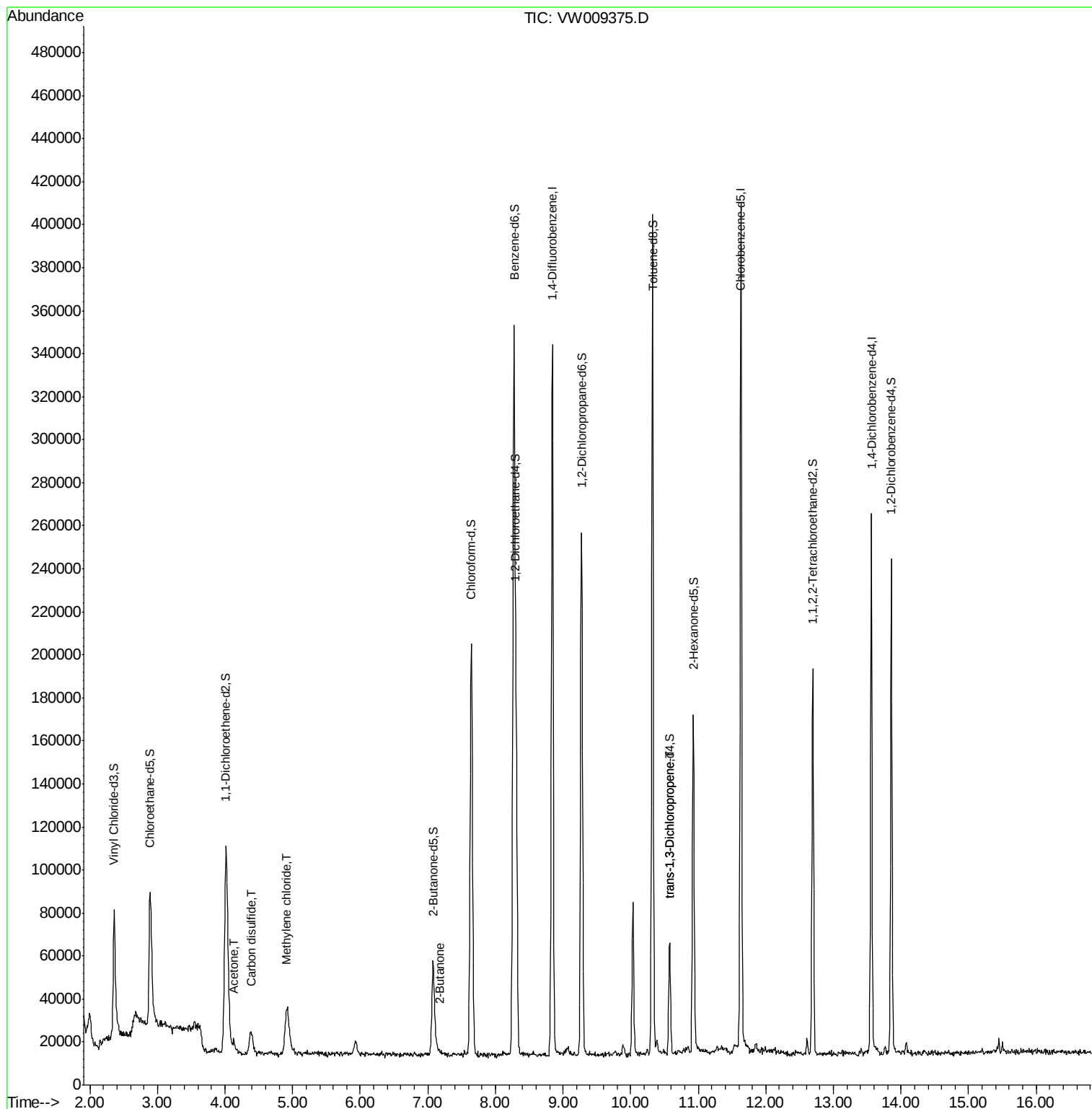
					Qvalue
13) Acetone	4.13	43	5948	5.713 ug/L	58
14) Carbon disulfide	4.38	76	22293	2.618 ug/L #	87
16) Methylene chloride	4.91	84	9450	2.522 ug/L	98
21) 2-Butanone	7.18	43	848	0.590 ug/L	84
45) trans-1,3-Dichloropropene	10.58	75	1580	0.388 ug/L	84

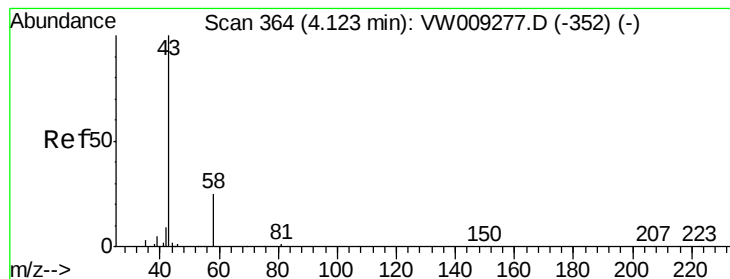
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.713 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

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Acq: 23 Mar 2019 05:44

Instrument :

MSVOA_W

ClientSampled :

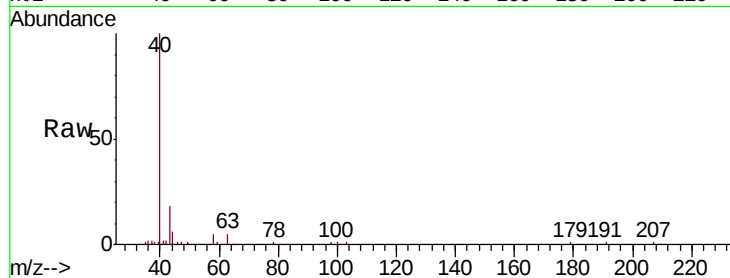
BF5S9

Tgt Ion: 43 Resp: 5948

Ion Ratio Lower Upper

43 100

58 6.2 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

2500

2000

1500

1000

500

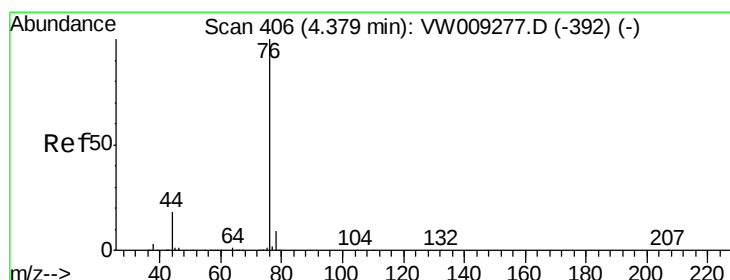
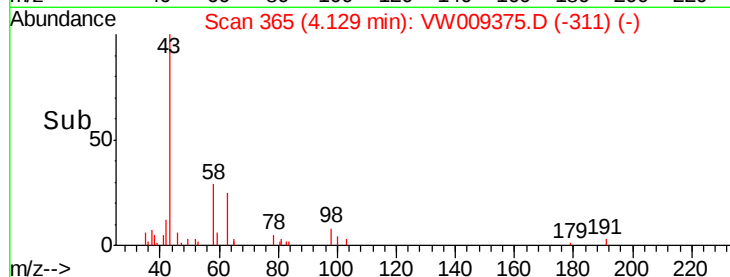
0

4.05

4.10

4.15

Time-->



#14

Carbon disulfide

Concen: 2.618 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

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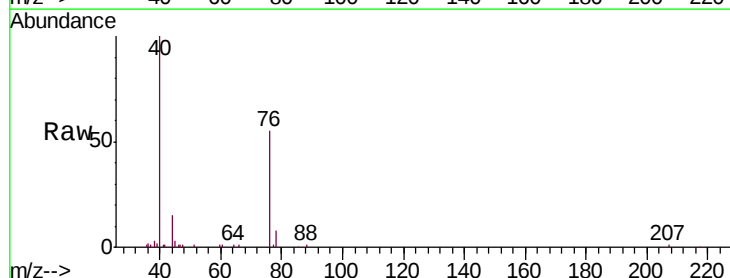
Acq: 23 Mar 2019 05:44

Tgt Ion: 76 Resp: 22293

Ion Ratio Lower Upper

76 100

78 13.9 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

6000

4000

2000

0

4.25

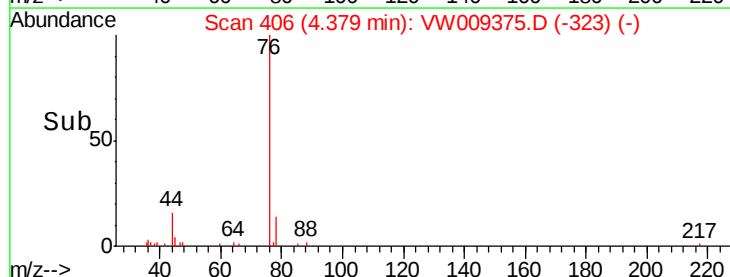
4.30

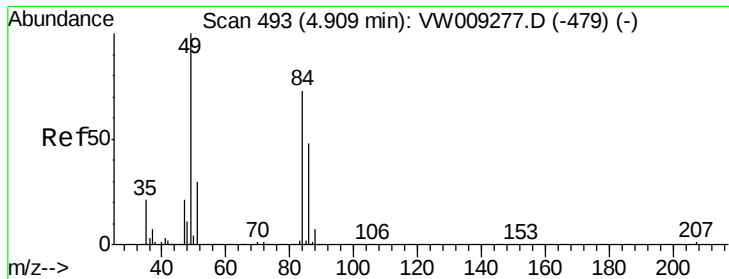
4.35

4.40

4.45

Time-->

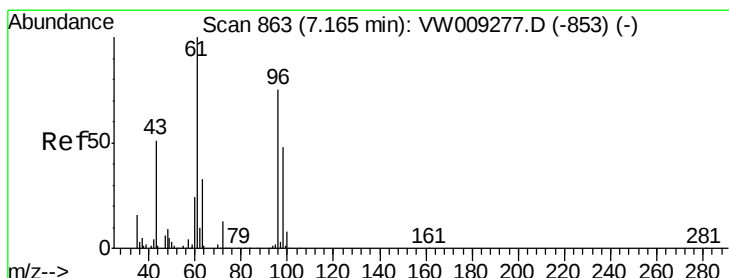
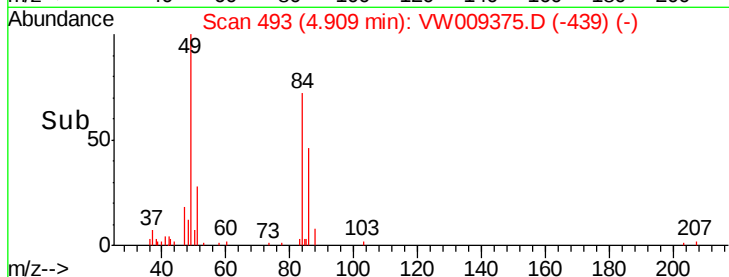
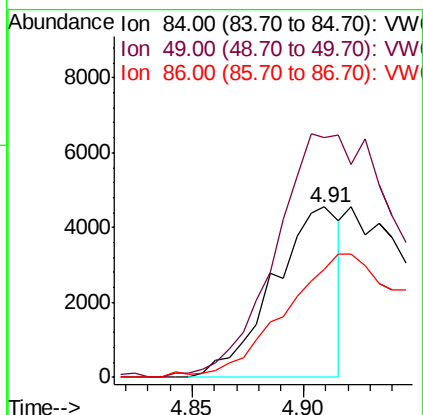
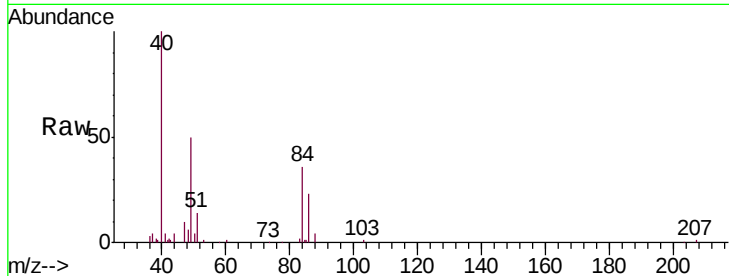




#16
Methylene chloride
Concen: 2.522 ug/L
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
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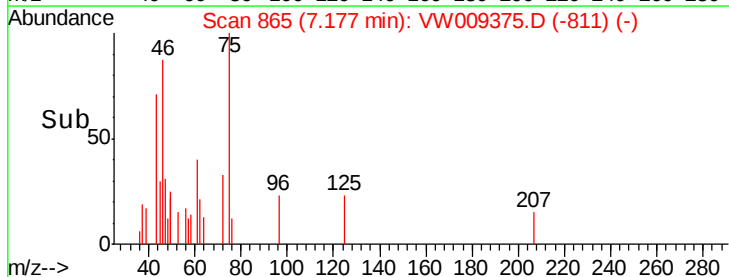
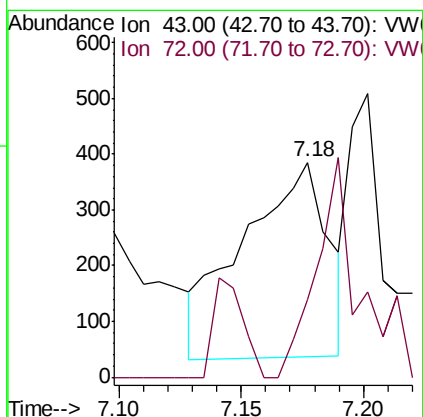
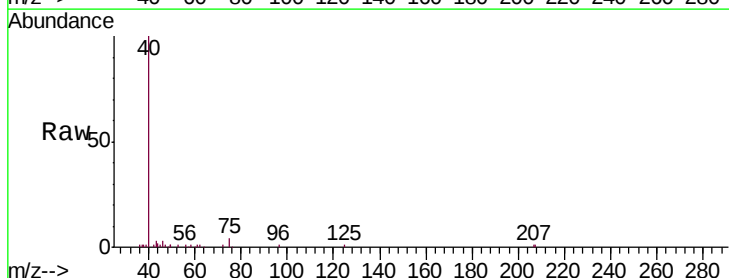
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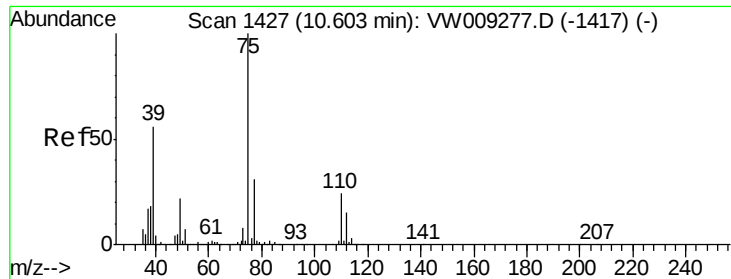
Tgt Ion: 84 Resp: 9450
Ion Ratio Lower Upper
84 100
49 140.3 96.0 178.2
86 63.5 44.4 82.5



#21
2-Butanone
Concen: 0.590 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW009375.D
Acq: 23 Mar 2019 05:44

Tgt Ion: 43 Resp: 848
Ion Ratio Lower Upper
43 100
72 17.7 13.1 39.1





#45

trans-1,3-Dichloropropene

Concen: 0.388 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009375.D

Acq: 23 Mar 2019 05:44

Instrument :

MSVOA_W

ClientSampleId :

BF5S9

Tgt Ion: 75 Resp: 1580

Ion Ratio Lower Upper

75 100

77 41.2 22.5 41.7

