

Data File : VW009397.D
Acq On : 23 Mar 2019 18:54
Operator : SY/VA
Sample : K2062-03
Misc : 4.92G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0H0

Quant Time: Mar 23 23:55:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 23:52:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	292360	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	265734	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	100191	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	83030	23.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.08%
7) Chloroethane-d5	2.89	69	83761	20.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.96%
10) 1,1-Dichloroethene-d2	4.01	63	132488	17.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.20%
20) 2-Butanone-d5	7.07	46	81426	56.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.72%
24) Chloroform-d	7.65	84	188929	23.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.72%
26) 1,2-Dichloroethane-d4	8.30	65	118602	24.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.72%
29) Benzene-d6	8.27	84	336929	22.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.96%
33) 1,2-Dichloropropane-d6	9.27	67	107631	24.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.80%
37) Toluene-d8	10.32	98	287096	21.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.76%
38) trans-1,3-Dichloropropene-	10.58	79	45715	20.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.72%
39) 2-Hexanone-d5	10.93	63	57386	53.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	115487	26.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	89744	23.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.44%

Target Compounds

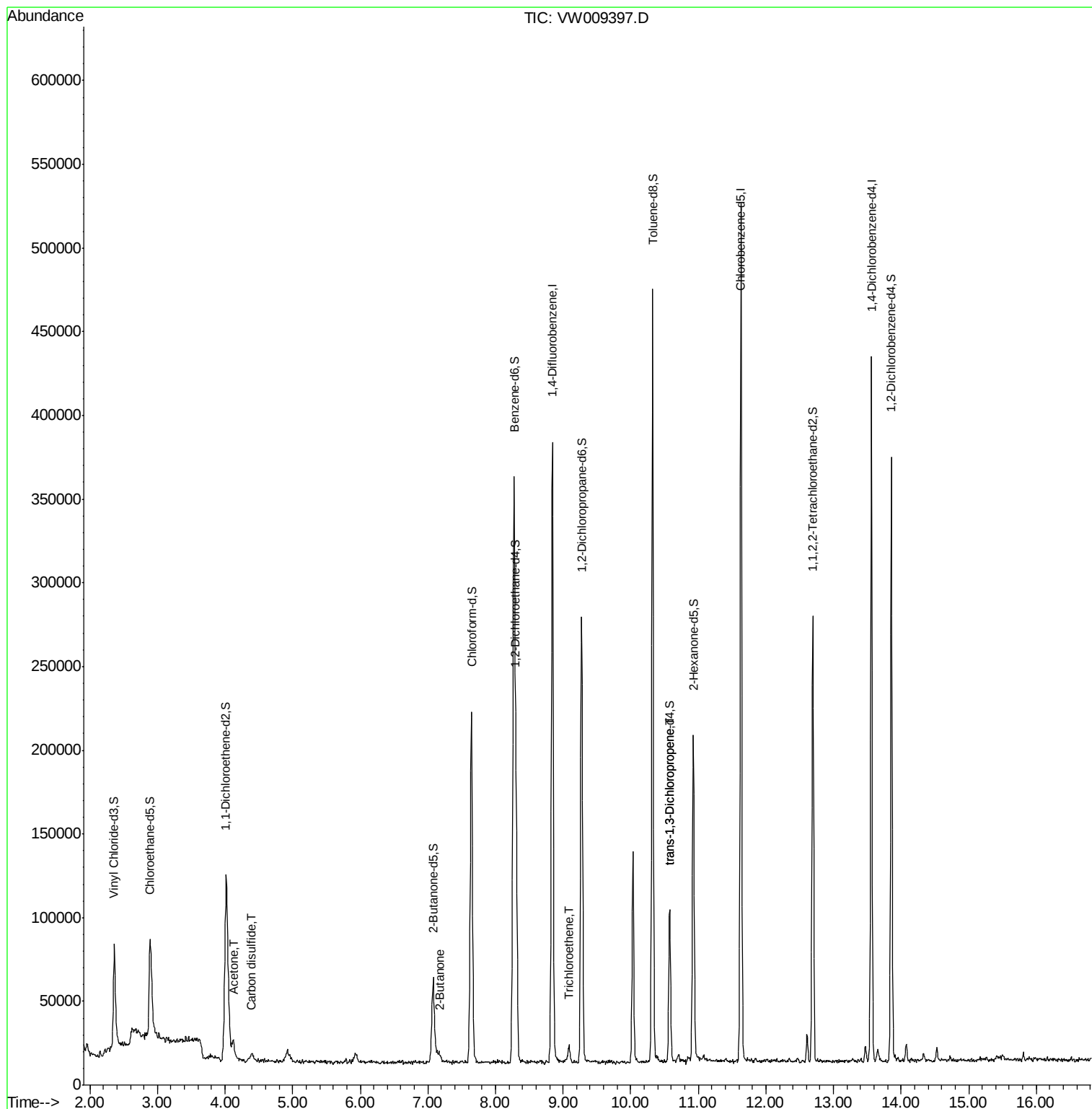
					Qvalue
13) Acetone	4.12	43	16741	14.129 ug/L	79
14) Carbon disulfide	4.38	76	4006	0.413 ug/L	97
21) 2-Butanone	7.18	43	3954	2.417 ug/L	90
35) Trichloroethene	9.09	95	2638	0.681 ug/L	88
45) trans-1,3-Dichloropropene	10.58	75	2363	0.447 ug/L	86

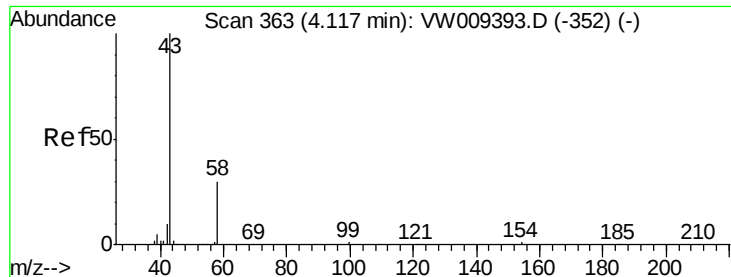
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.129 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

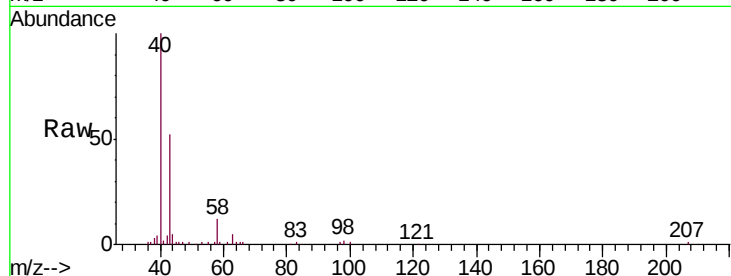
BFOH0

Tgt Ion: 43 Resp: 16741

Ion Ratio Lower Upper

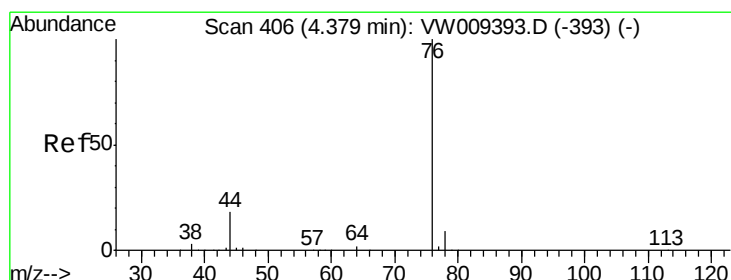
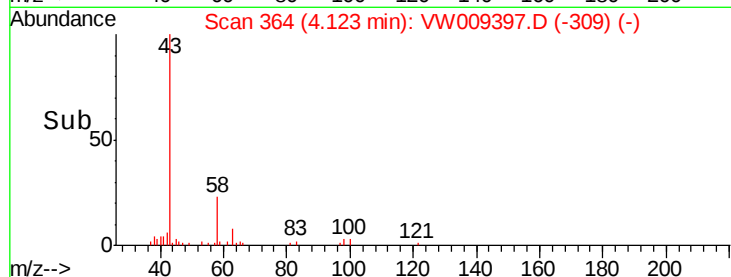
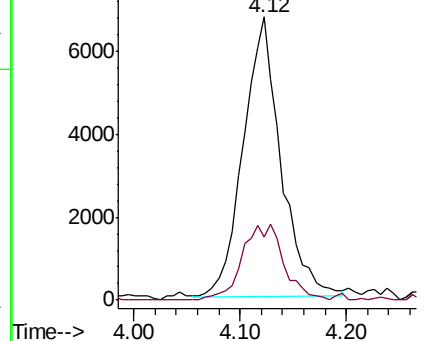
43 100

58 17.1 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.413 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

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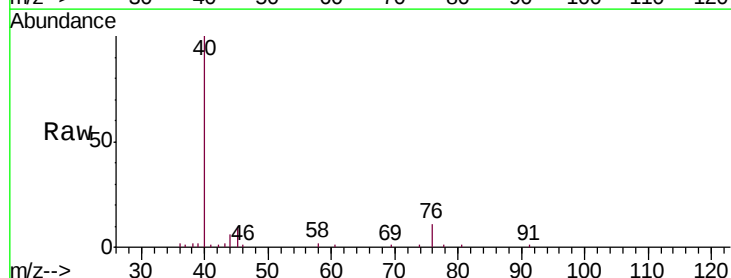
Acq: 23 Mar 2019 18:54

Tgt Ion: 76 Resp: 4006

Ion Ratio Lower Upper

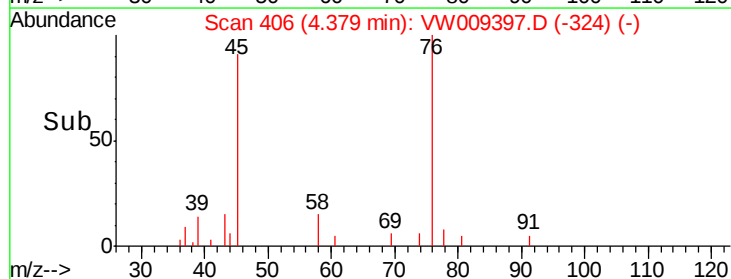
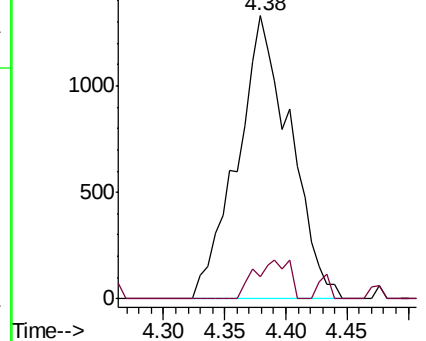
76 100

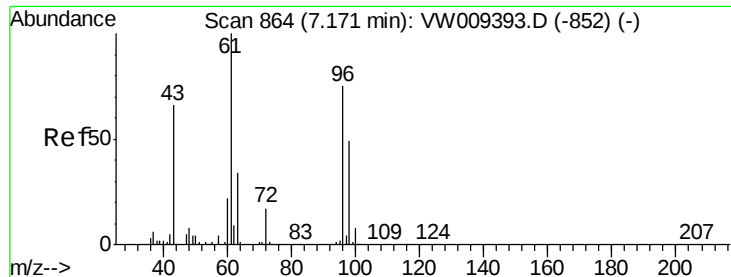
78 8.1 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#21

2-Butanone

Concen: 2.417 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

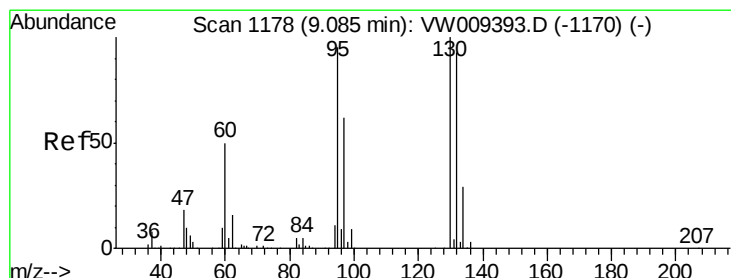
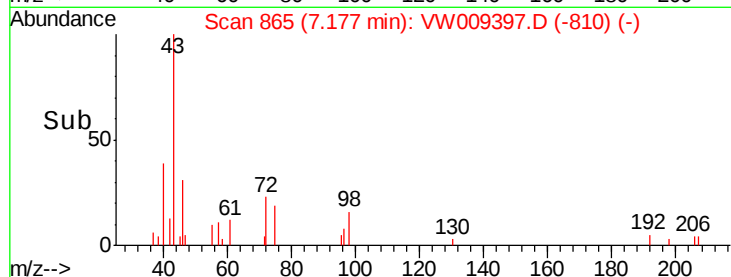
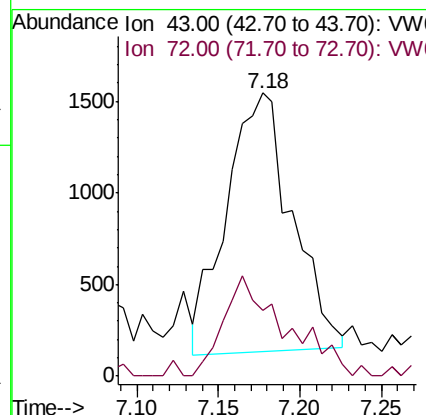
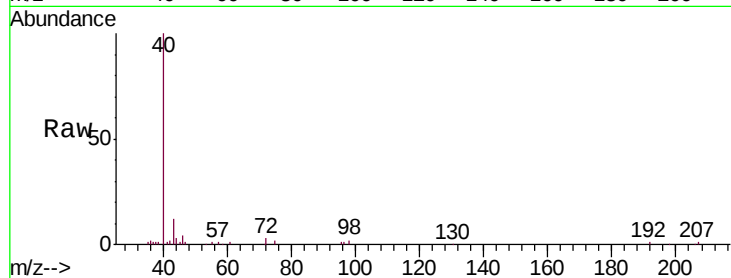
BF0H0

Tgt Ion: 43 Resp: 3954

Ion Ratio Lower Upper

43 100

72 21.1 13.1 39.1



#35

Trichloroethene

Concen: 0.681 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW009397.D

Acq: 23 Mar 2019 18:54

Tgt Ion: 95 Resp: 2638

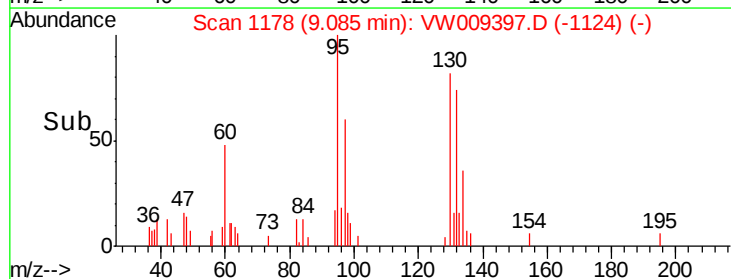
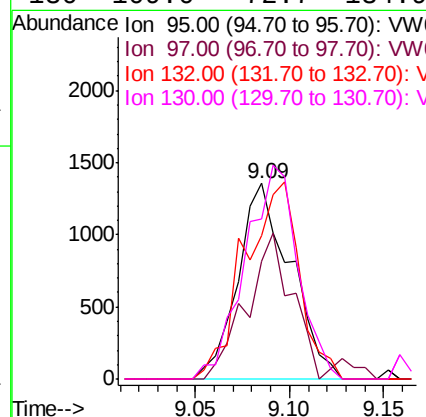
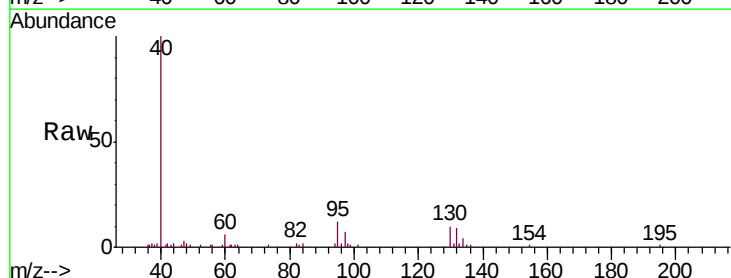
Ion Ratio Lower Upper

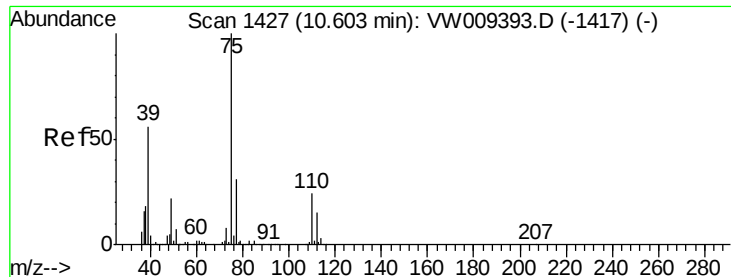
95 100

97 64.1 44.7 82.9

132 72.5 69.0 128.2

130 109.0 72.7 134.9





#45

trans-1,3-Dichloropropene

Concen: 0.447 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009397.D

Acq: 23 Mar 2019 18:54

Instrument :

MSVOA_W

ClientSampleId :

BF0H0

Tgt Ion: 75 Resp: 2363

Ion Ratio Lower Upper

75 100

77 39.7 22.5 41.7

