

Data File : VW009412.D
Acq On : 24 Mar 2019 01:44
Operator : SY/VA
Sample : K2031-04
Misc : 5.34G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5T9

Quant Time: Mar 24 04:16:13 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	391337	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	376451	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	153578	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	88719	18.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.88%
7) Chloroethane-d5	2.89	69	96028	17.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.20%
10) 1,1-Dichloroethene-d2	4.01	63	144499	14.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.20%
20) 2-Butanone-d5	7.07	46	88040	45.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.04%
24) Chloroform-d	7.64	84	242149	22.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.68%
26) 1,2-Dichloroethane-d4	8.31	65	155077	24.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.40%
29) Benzene-d6	8.27	84	432835	20.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.40%
33) 1,2-Dichloropropane-d6	9.27	67	142041	22.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.12%
37) Toluene-d8	10.32	98	371543	19.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.40%
38) trans-1,3-Dichloropropene-	10.58	79	58930	18.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.28%
39) 2-Hexanone-d5	10.93	63	66499	44.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	143857	23.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	135678	23.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.16%

Target Compounds

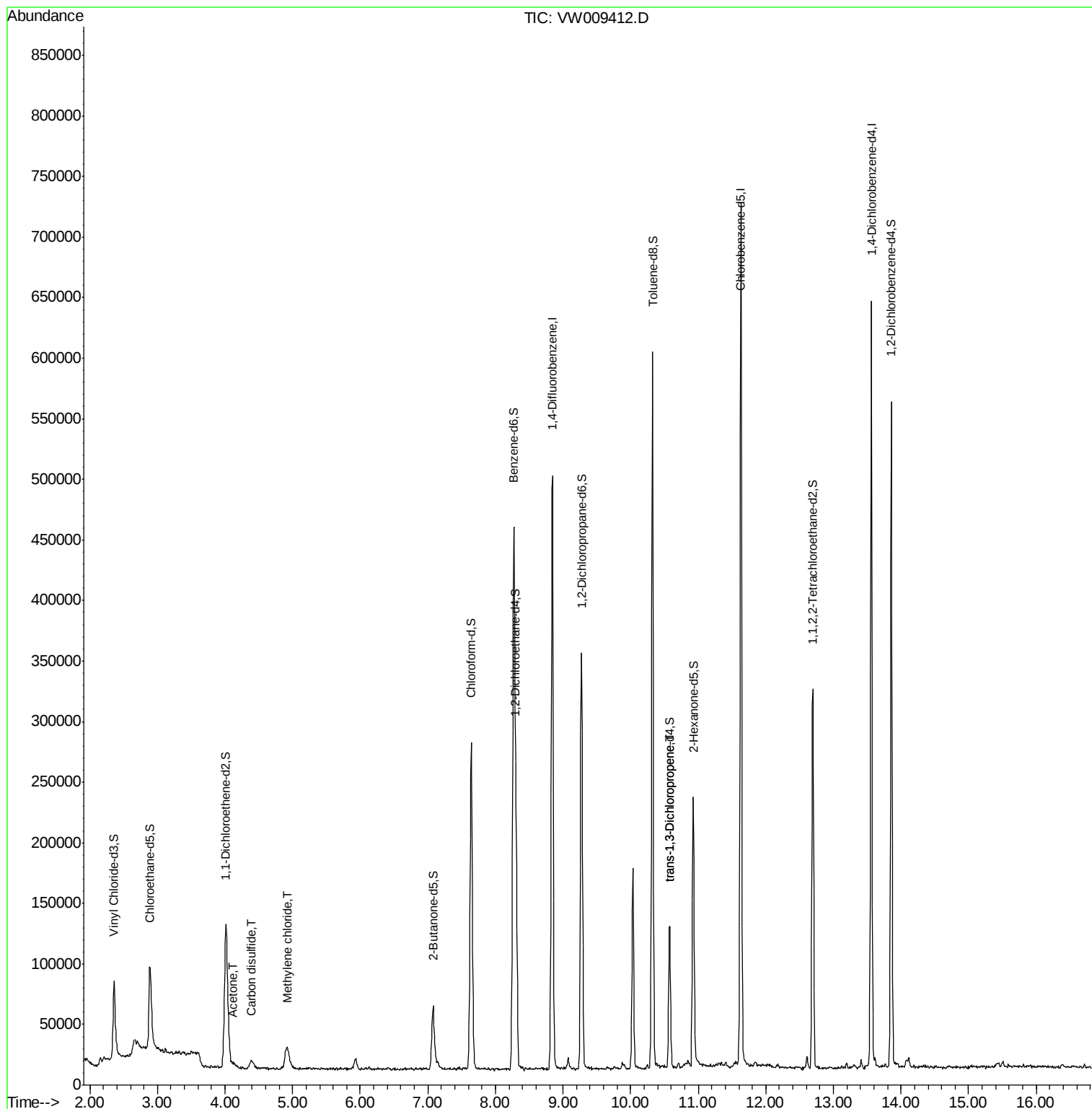
					Qvalue
13) Acetone	4.12	43	2201	1.388 ug/L	96
14) Carbon disulfide	4.38	76	9019	0.695 ug/L	98
16) Methylene chloride	4.92	84	18101	3.172 ug/L	93
45) trans-1,3-Dichloropropene	10.57	75	3118	0.416 ug/L #	61

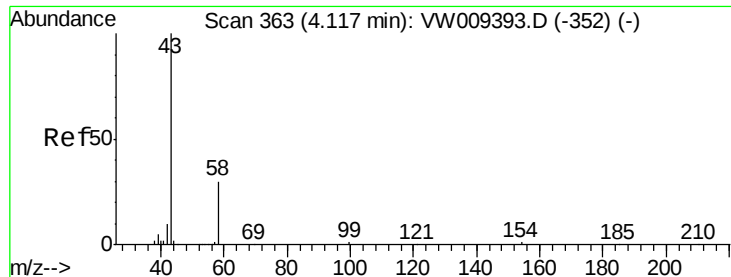
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.388 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

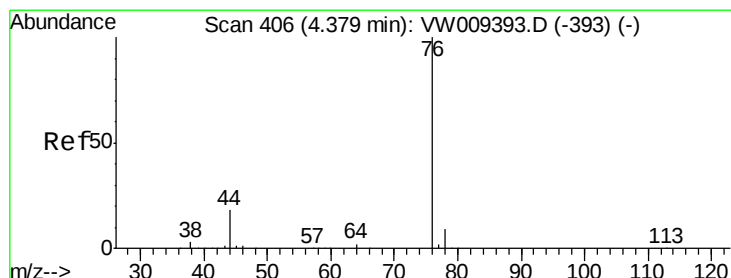
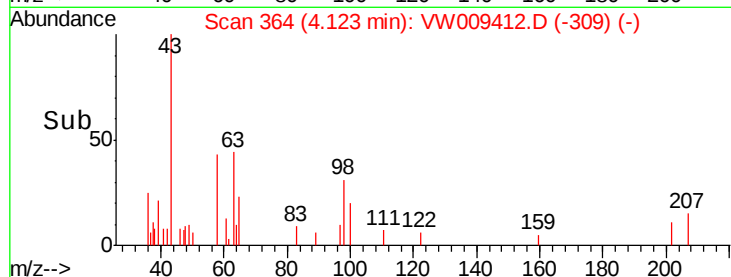
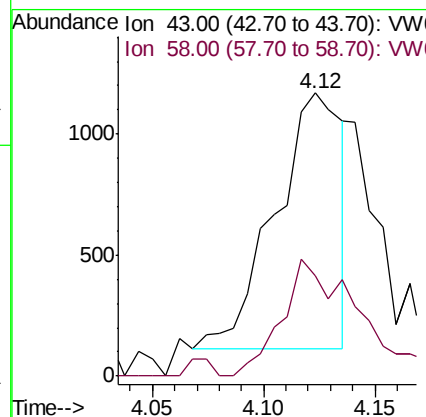
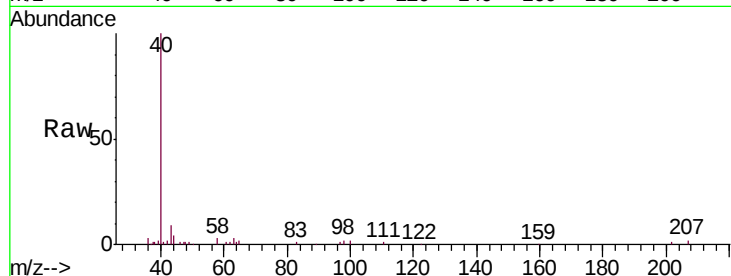
BF5T9

Tgt Ion: 43 Resp: 2201

Ion Ratio Lower Upper

43 100

58 30.2 0.0 56.2



#14

Carbon disulfide

Concen: 0.695 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

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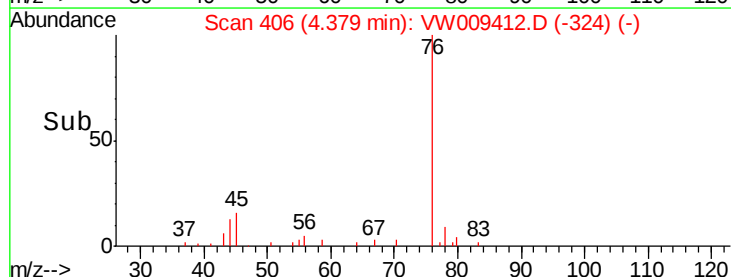
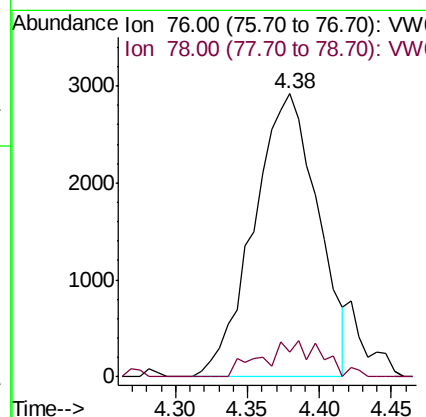
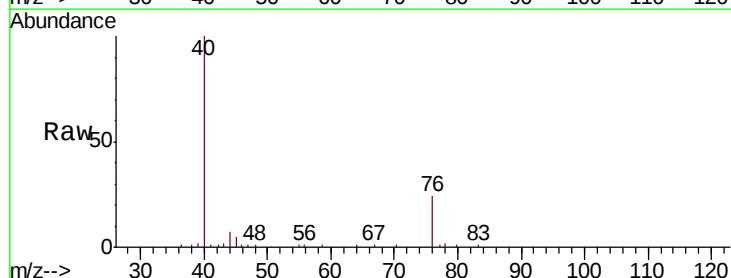
Acq: 24 Mar 2019 01:44

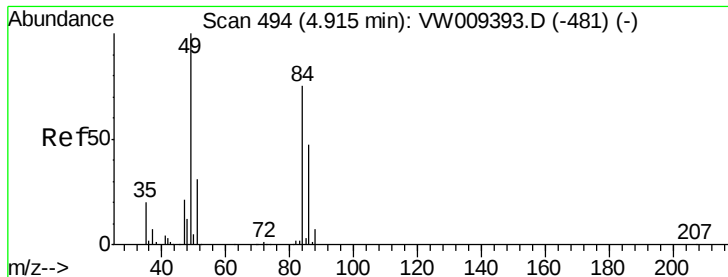
Tgt Ion: 76 Resp: 9019

Ion Ratio Lower Upper

76 100

78 8.5 7.3 10.9

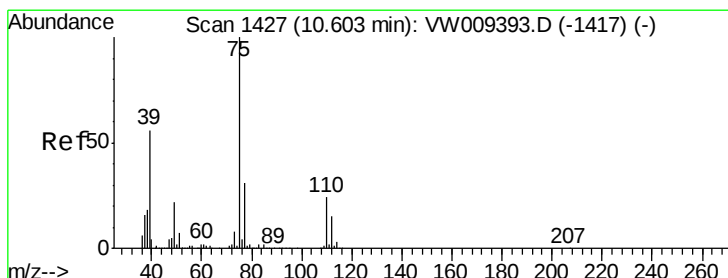
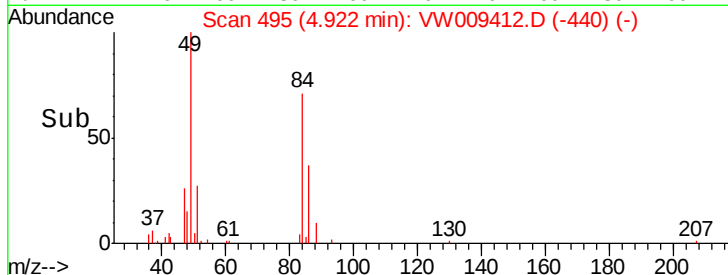
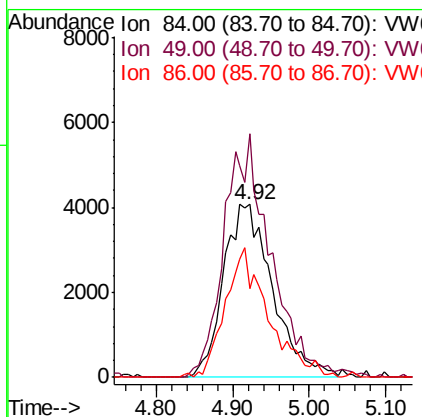
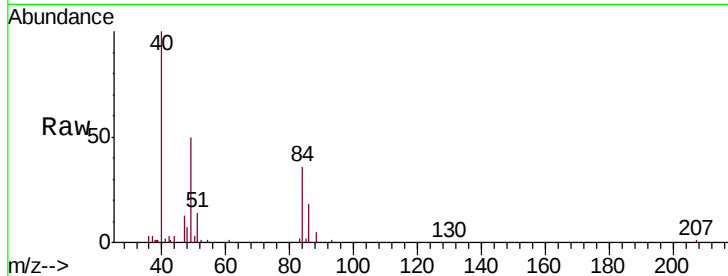




#16
Methylene chloride
Concen: 3.172 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
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Tgt Ion: 84 Resp: 18101
Ion Ratio Lower Upper
84 100
49 140.8 96.0 178.2
86 51.5 44.4 82.5



#45
trans-1,3-Dichloropropene
Concen: 0.416 ug/L
RT: 10.57 min Scan# 1422
Delta R.T. -0.03 min
Lab File: VW009412.D
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Tgt Ion: 75 Resp: 3118
Ion Ratio Lower Upper
75 100
77 53.8 22.5 41.7#

