

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\
 Data File : VW009950.D
 Acq On : 12 Apr 2019 11:00
 Operator : SY/VA
 Sample : K2255-20
 Misc : 6.05G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC21

Quant Time: Apr 13 00:15:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 23:54:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	605173	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	565879	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	229336	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	125997	15.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.64%
7) Chloroethane-d5	2.89	69	118344	16.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.24%
10) 1,1-Dichloroethene-d2	4.01	63	243344	14.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.16%
20) 2-Butanone-d5	7.08	46	117728	45.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.58%
24) Chloroform-d	7.64	84	355425	21.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.08%
26) 1,2-Dichloroethane-d4	8.31	65	222799	21.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.92%
29) Benzene-d6	8.27	84	631536	21.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.04%
33) 1,2-Dichloropropane-d6	9.27	67	206001	22.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.80%
37) Toluene-d8	10.32	98	537943	19.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.36%
38) trans-1,3-Dichloropropene-	10.58	79	81835	18.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.80%
39) 2-Hexanone-d5	10.93	63	73218	42.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	177102	20.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	186219	23.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.56%

Target Compounds

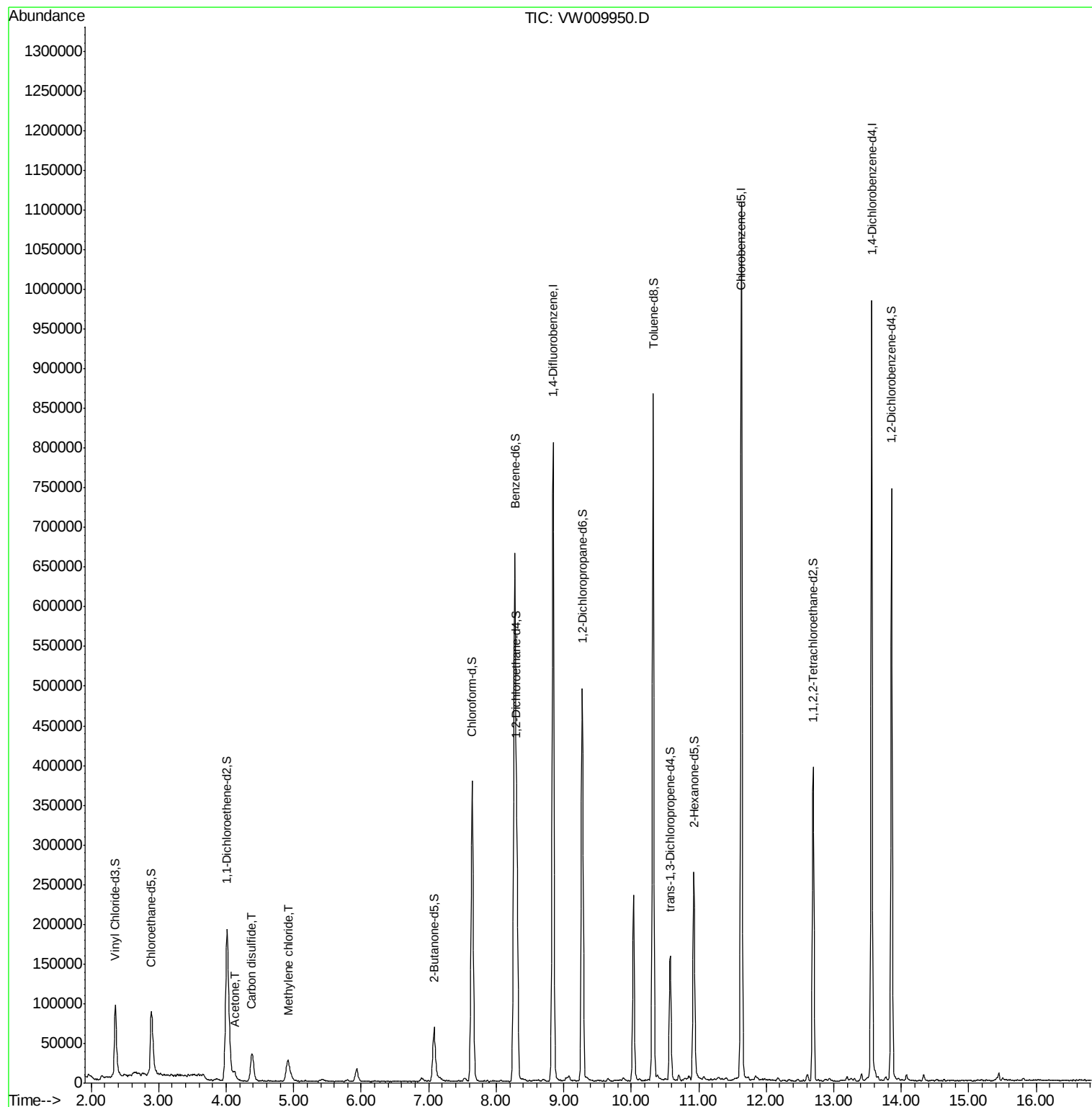
					Ovalue
13) Acetone	4.12	43	16770	6.087 ug/L	79
14) Carbon disulfide	4.38	76	58641	2.347 ug/L	100
16) Methylene chloride	4.91	84	23380	2.191 ug/L	98

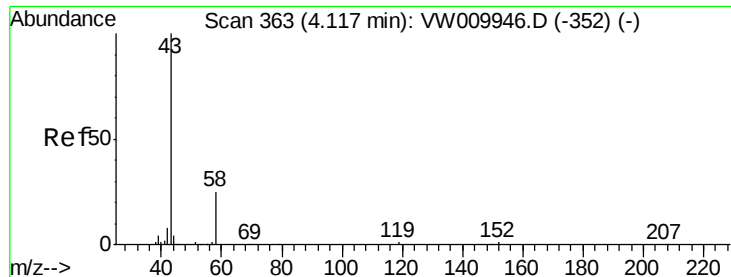
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.087 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009950.D

Acq: 12 Apr 2019 11:00

Instrument :

MSVOA_W

ClientSampleId :

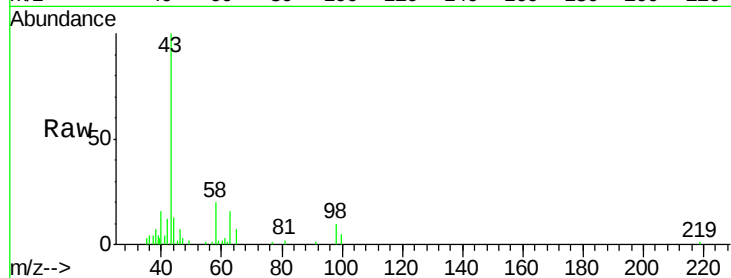
BFC21

Tot Ion: 43 Resp: 16770

Ion Ratio Lower Upper

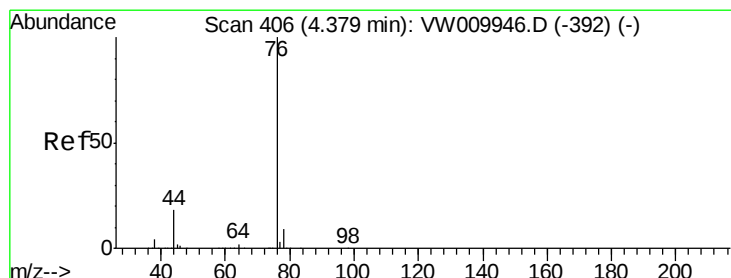
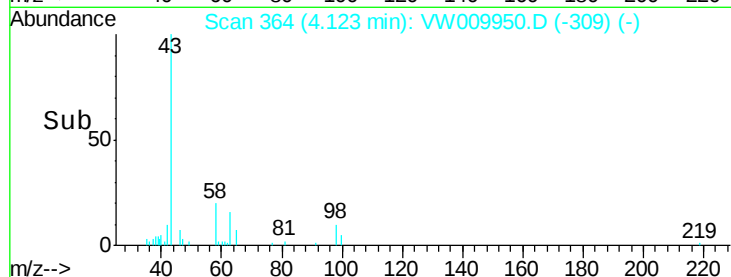
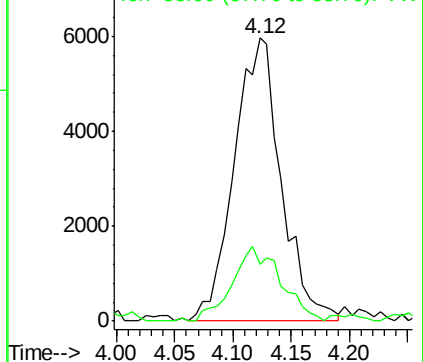
43 100

58 15.8 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 2.347 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW009950.D

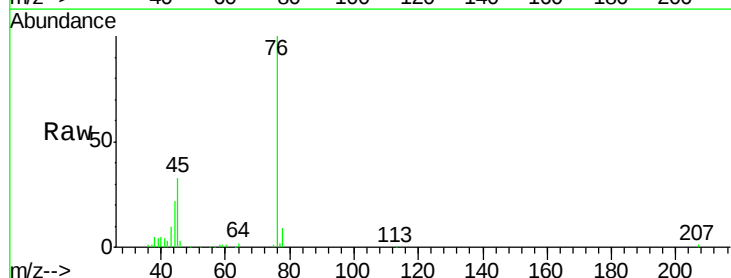
Acq: 12 Apr 2019 11:00

Tgt Ion: 76 Resp: 58641

Ion Ratio Lower Upper

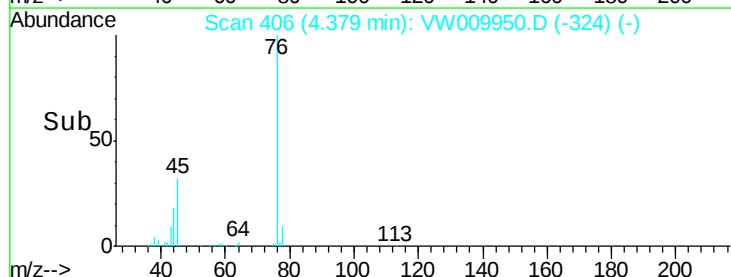
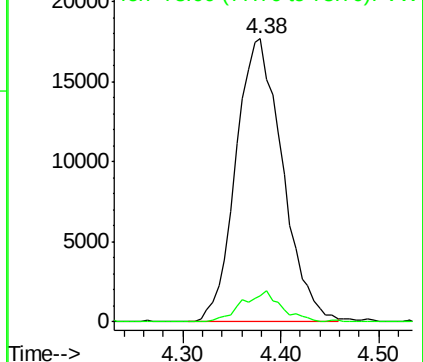
76 100

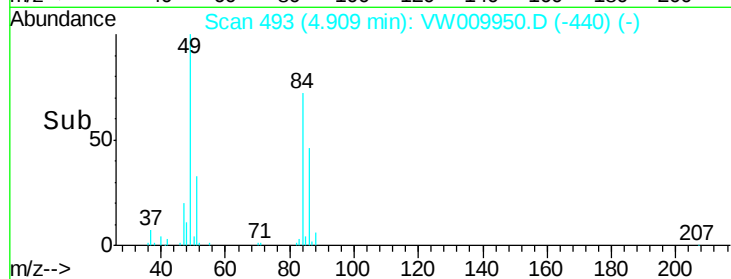
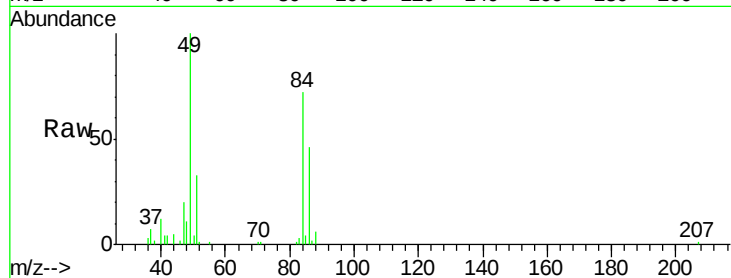
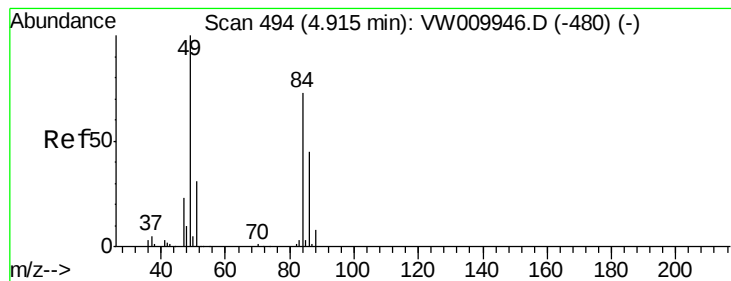
78 9.1 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#16

Methylene chloride

Concen: 2.191 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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Acq: 12 Apr 2019 11:00

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Tot Ion: 84 Resp: 23380

Ion Ratio Lower Upper

84 100

49 139.5 98.3 182.5

86 63.6 46.4 86.2

