

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009524.D
 Acq On : 28 Mar 2019 02:49
 Operator : SY/VA
 Sample : K2068-20
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5J8

Quant Time: Mar 28 07:47:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 07:41:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	261785	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	208346	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	56151	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	60443	19.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.28%
7) Chloroethane-d5	2.89	69	75943	20.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.00%
10) 1,1-Dichloroethene-d2	4.01	63	100015	14.79	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.16%
20) 2-Butanone-d5	7.08	46	30955	23.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.86%
24) Chloroform-d	7.64	84	191655	26.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.32%
26) 1,2-Dichloroethane-d4	8.30	65	121516	28.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.96%
29) Benzene-d6	8.27	84	296087	25.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.08%
33) 1,2-Dichloropropane-d6	9.27	67	107149	31.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.20%#
37) Toluene-d8	10.32	98	212640	20.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.04%
38) trans-1,3-Dichloropropene-	10.58	79	30488	17.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.36%
39) 2-Hexanone-d5	10.93	63	19401	23.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	95787	28.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	49810	23.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.52%

Target Compounds

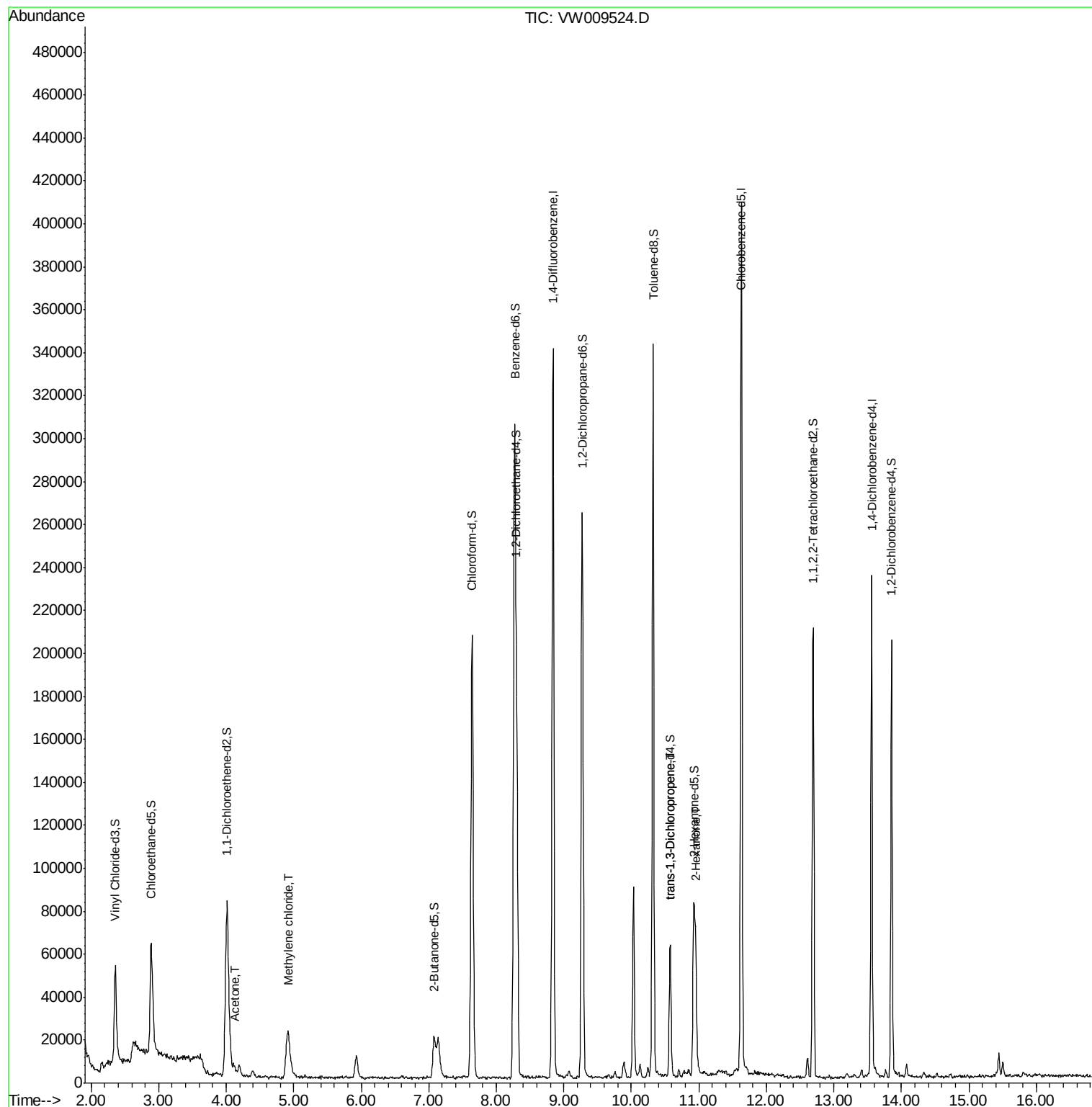
					Ovalue
13) Acetone	4.13	43	6827	6.435 ug/L	73
16) Methylene chloride	4.92	84	19300	5.056 ug/L	97
45) trans-1,3-Dichloropropene	10.58	75	1910	0.461 ug/L	91
49) 2-Hexanone	10.95	43	36588	19.591 ug/L #	42

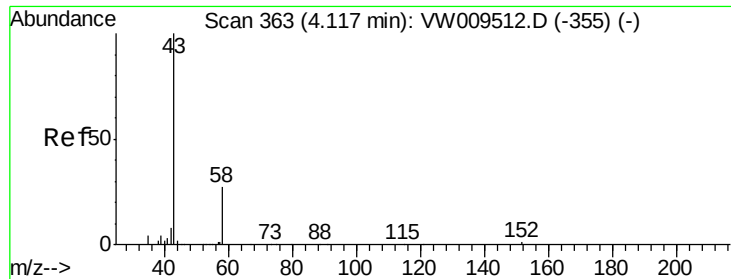
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.435 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW009524.D

Acq: 28 Mar 2019 02:49

Instrument :

MSVOA_W

ClientSampled :

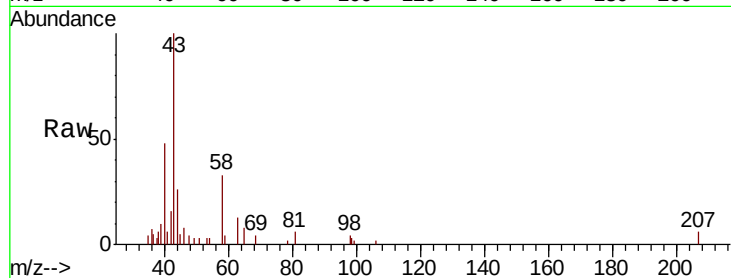
BF5J8

Tot Ion: 43 Resp: 6827

Ion Ratio Lower Upper

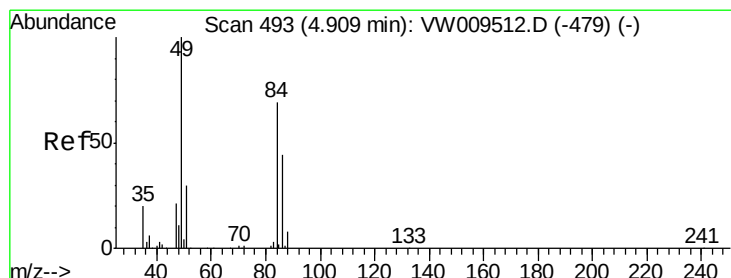
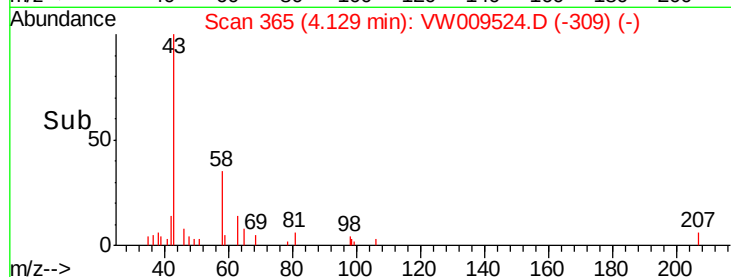
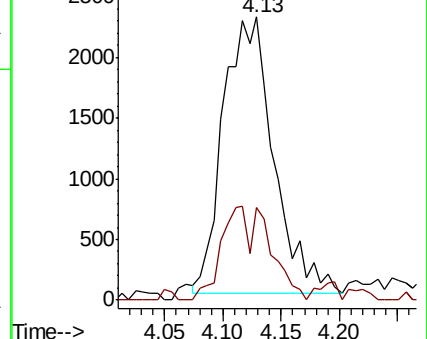
43 100

58 13.9 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 5.056 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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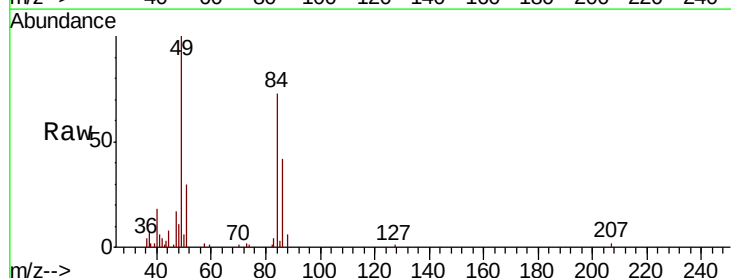
Tgt Ion: 84 Resp: 19300

Ion Ratio Lower Upper

84 100

49 136.6 96.0 178.2

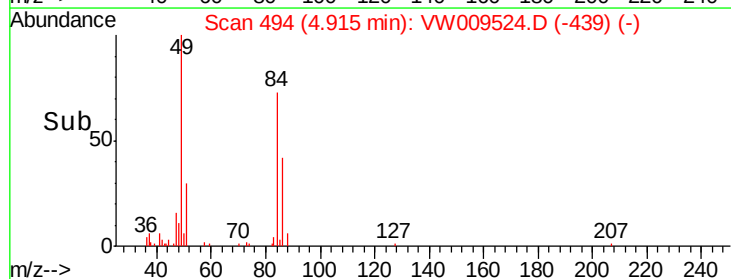
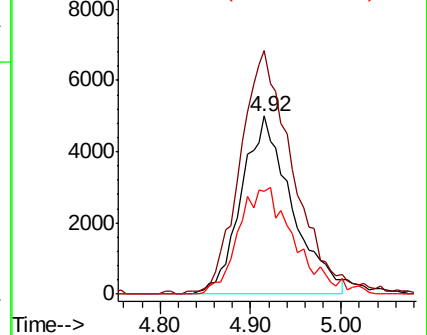
86 58.0 44.4 82.5

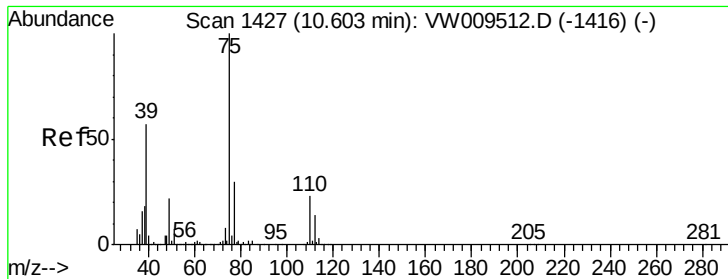


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.461 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009524.D

Acq: 28 Mar 2019 02:49

Instrument :

MSVOA_W

ClientSampled :

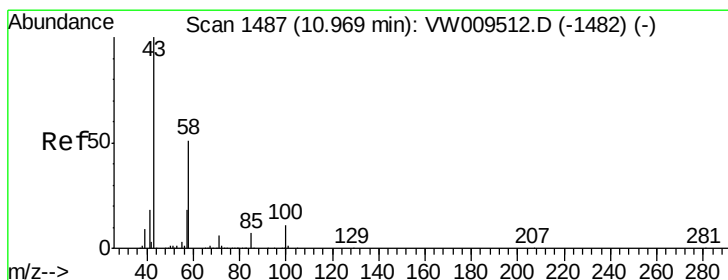
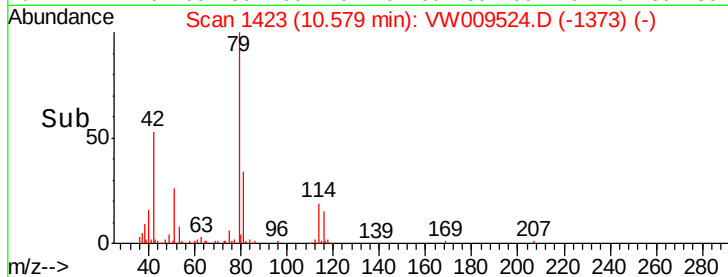
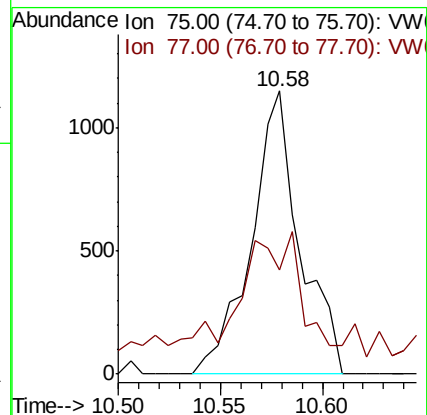
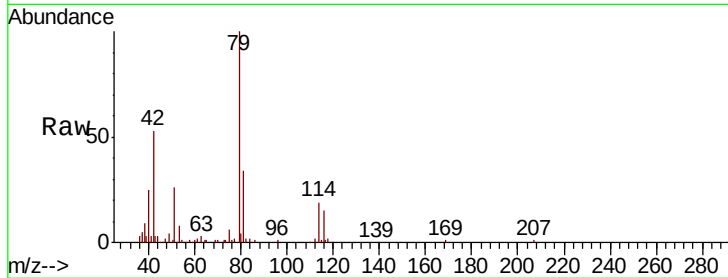
BF5J8

Tot Ion: 75 Resp: 1910

Ion Ratio Lower Upper

75 100

77 36.9 22.5 41.7



#49

2-Hexanone

Concen: 19.591 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VW009524.D

Acq: 28 Mar 2019 02:49

Tgt Ion: 43 Resp: 36588

Ion Ratio Lower Upper

43 100

58 0.0 39.2 58.8#

57 0.0 14.2 21.2#

100 0.6 8.9 13.3#

