

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009788.D
 Acq On : 06 Apr 2019 23:52
 Operator : SY/VA
 Sample : K2217-09
 Misc : 5.82G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF618

Quant Time: Apr 07 05:39:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 05:36:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	394851	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	372001	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	145113	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	149271	28.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.56%
7) Chloroethane-d5	2.89	69	141726	29.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.76%
10) 1,1-Dichloroethene-d2	4.01	63	262369	23.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.44%
20) 2-Butanone-d5	7.07	46	115111	68.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.24%#
24) Chloroform-d	7.65	84	359316	33.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	133.40%
26) 1,2-Dichloroethane-d4	8.30	65	233788	35.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	141.36%#
29) Benzene-d6	8.27	84	670262	34.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	137.28%#
33) 1,2-Dichloropropane-d6	9.27	67	214331	35.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	142.12%#
37) Toluene-d8	10.32	98	599237	33.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	132.76%#
38) trans-1,3-Dichloropropene-	10.58	79	87292	30.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	121.36%
39) 2-Hexanone-d5	10.93	63	74343	65.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	182358	32.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	130.08%#
61) 1,2-Dichlorobenzene-d4	13.85	152	184518	36.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	144.96%#

Target Compounds

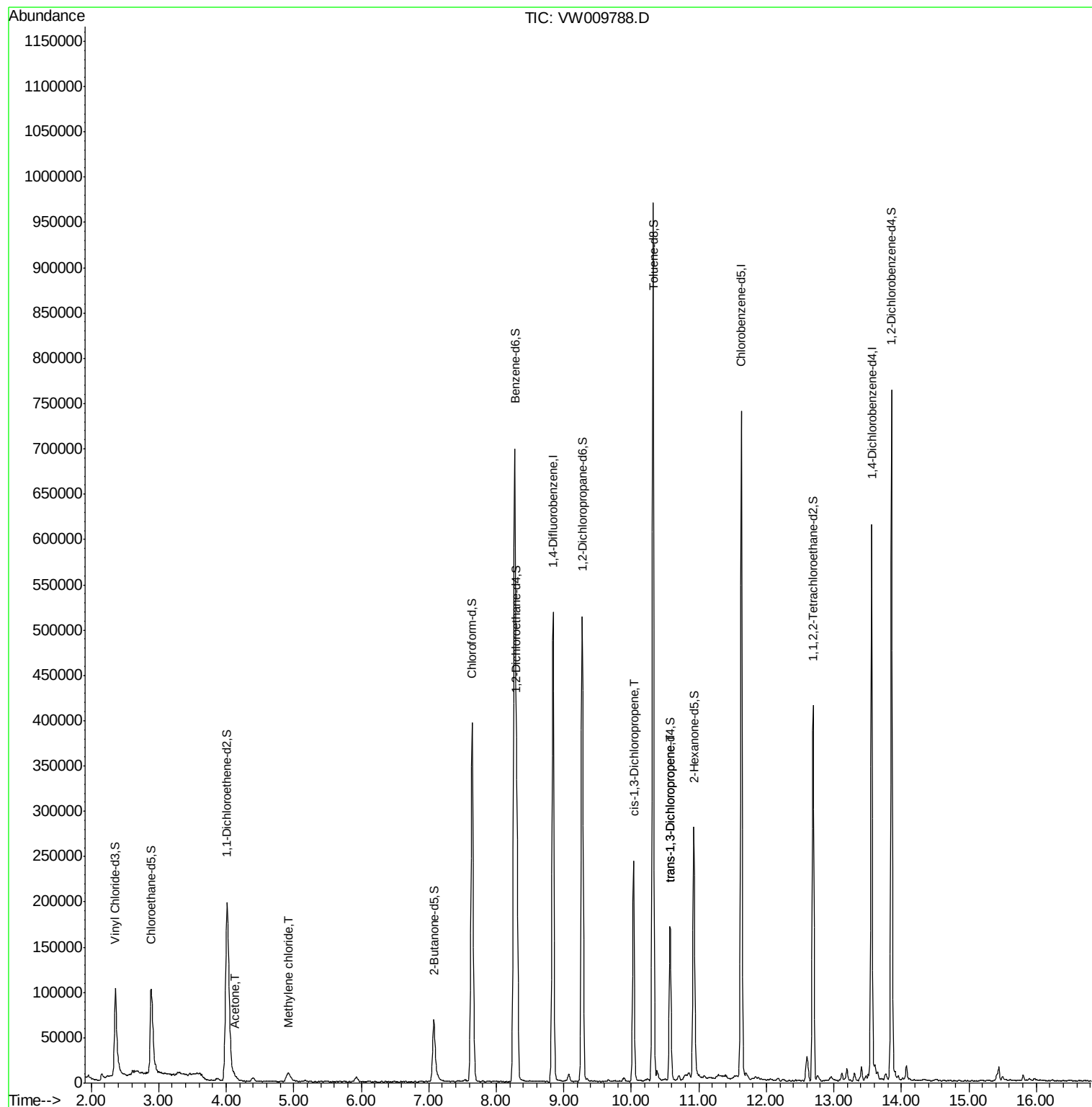
					Qvalue
13) Acetone	4.12	43	8402	4.674 ug/L	64
16) Methylene chloride	4.91	84	7670	1.101 ug/L	87
42) cis-1,3-Dichloropropene	10.03	75	6976	0.786 ug/L #	57
45) trans-1,3-Dichloropropene	10.57	75	4633	0.605 ug/L #	69

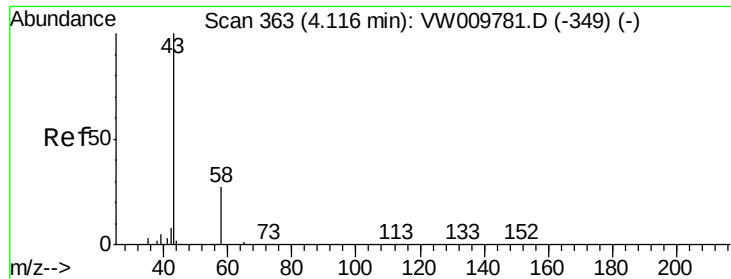
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.674 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

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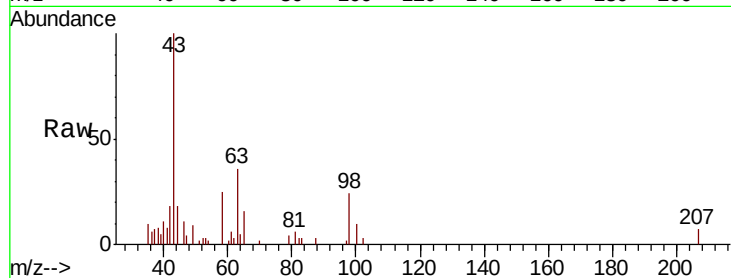
BF618

Tgt Ion: 43 Resp: 8402

Ion Ratio Lower Upper

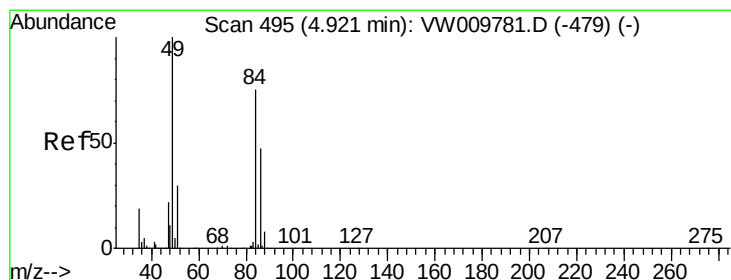
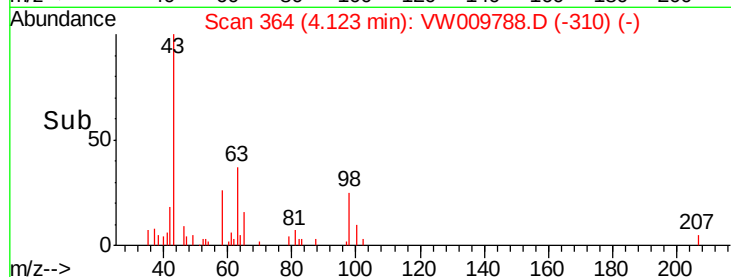
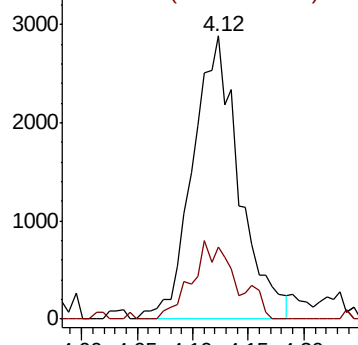
43 100

58 7.9 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.101 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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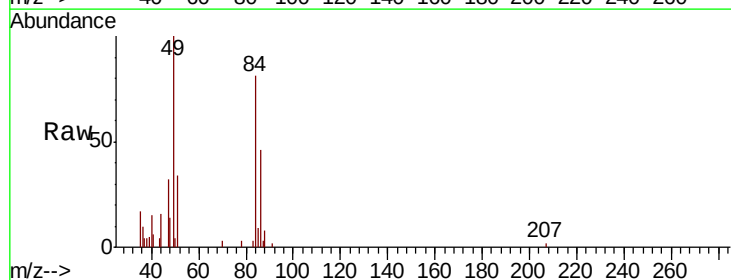
Tgt Ion: 84 Resp: 7670

Ion Ratio Lower Upper

84 100

49 123.2 98.3 182.5

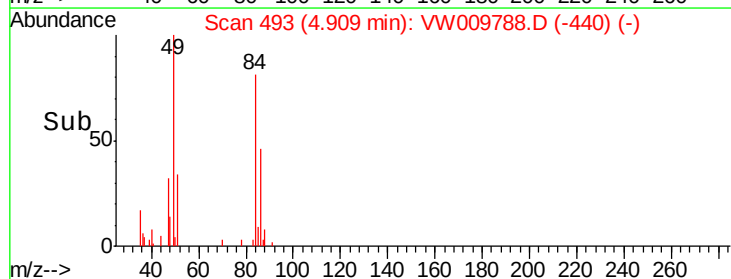
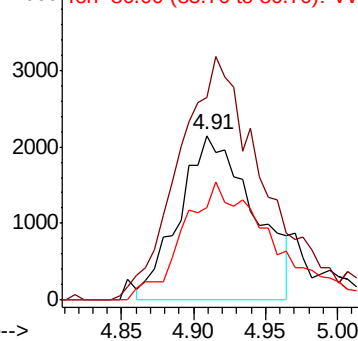
86 56.6 46.4 86.2

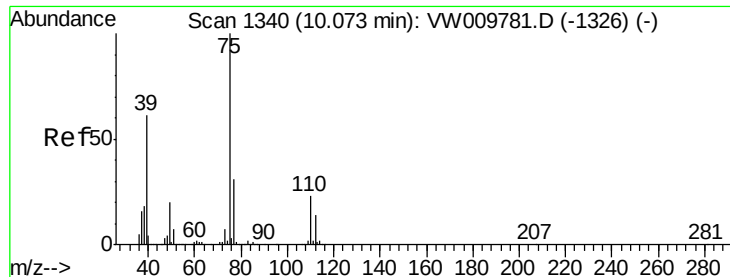


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.786 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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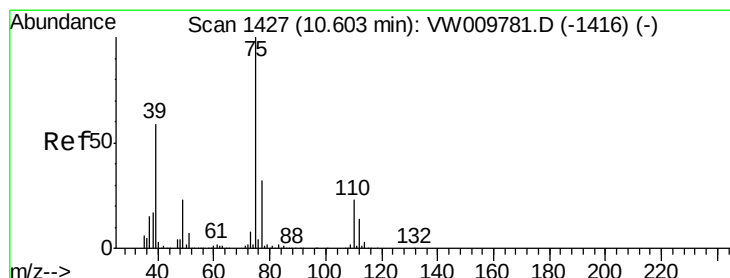
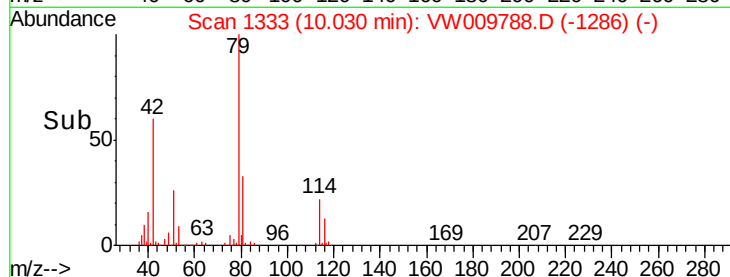
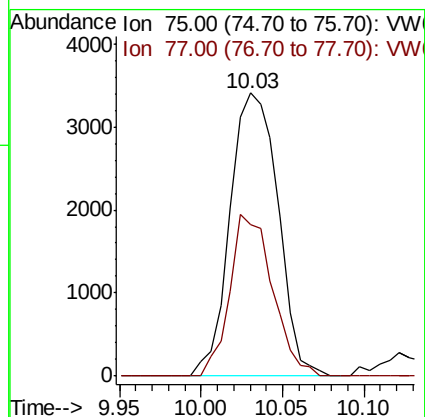
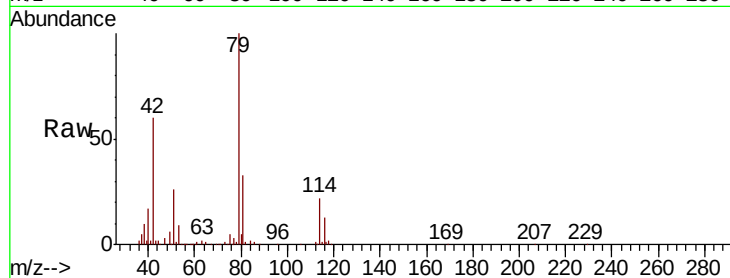
BF618

Tgt Ion: 75 Resp: 6976

Ion Ratio Lower Upper

75 100

77 53.3 21.0 39.0#



#45

trans-1,3-Dichloropropene

Concen: 0.605 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009788.D

Acq: 06 Apr 2019 23:52

Tgt Ion: 75 Resp: 4633

Ion Ratio Lower Upper

75 100

77 47.1 21.1 39.3#

