

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009504.D
 Acq On : 27 Mar 2019 15:45
 Operator : SY/VA
 Sample : K2068-05
 Misc : 5.19G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5M7

Quant Time: Mar 28 05:01:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 04:55:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	342663	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	296900	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	118036	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	72561	17.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.88%
7) Chloroethane-d5	2.89	69	90954	18.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.92%
10) 1,1-Dichloroethene-d2	4.01	63	122741	13.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.48%
20) 2-Butanone-d5	7.08	46	50313	29.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.42%
24) Chloroform-d	7.65	84	200324	21.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.68%
26) 1,2-Dichloroethane-d4	8.31	65	120423	21.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.52%
29) Benzene-d6	8.27	84	343032	20.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.80%
33) 1,2-Dichloropropane-d6	9.27	67	114325	23.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.00%
37) Toluene-d8	10.32	98	281490	18.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.36%
38) trans-1,3-Dichloropropene-	10.58	79	39351	15.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.72%
39) 2-Hexanone-d5	10.93	63	34447	28.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99505	20.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	86366	19.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.32%

Target Compounds

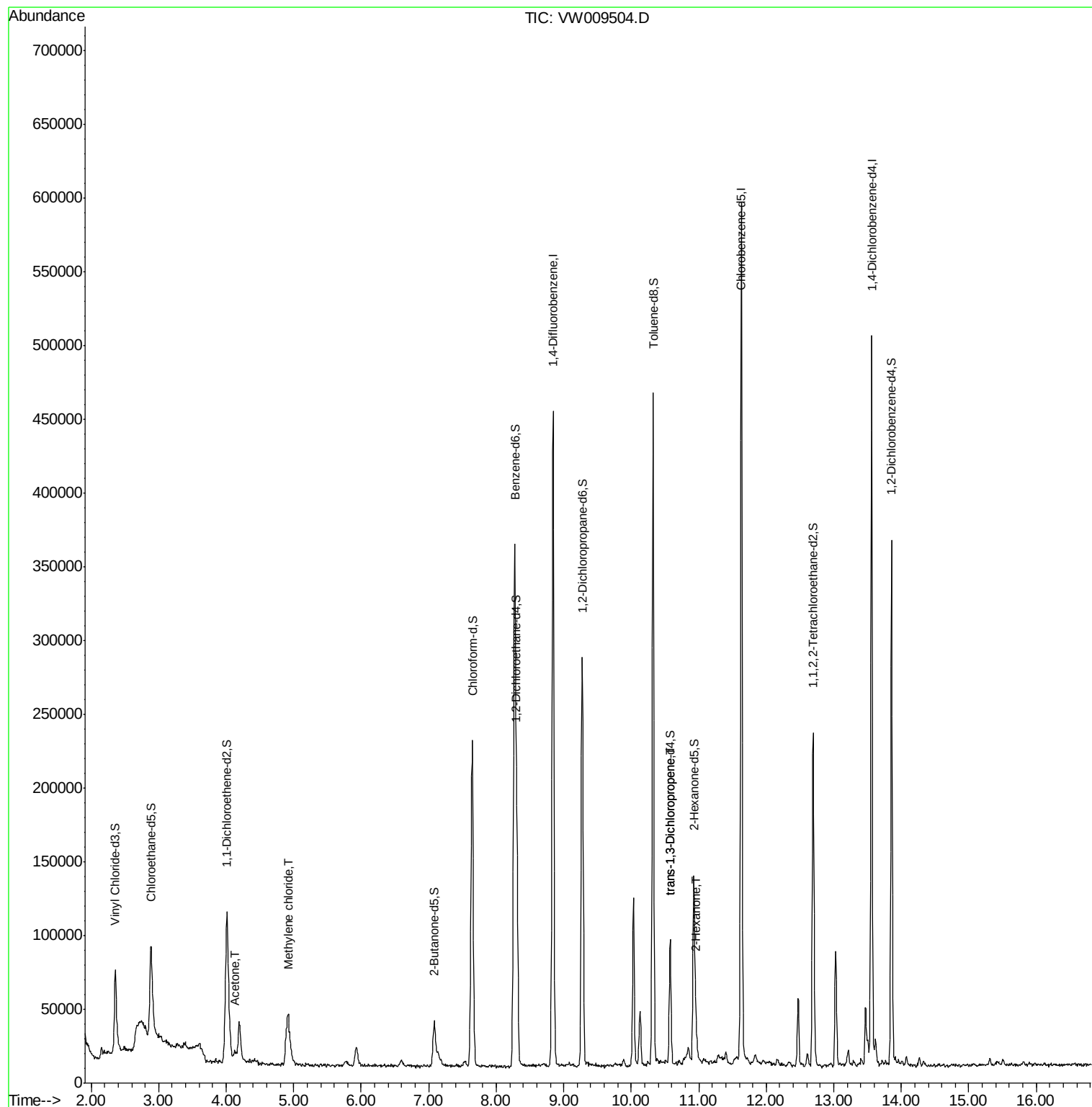
					Ovalue
13) Acetone	4.13	43	10845	7.809 ug/L	95
16) Methylene chloride	4.92	84	30738	6.151 ug/L	92
45) trans-1,3-Dichloropropene	10.57	75	2170	0.367 ug/L	84
49) 2-Hexanone	10.96	43	23620	8.875 ug/L #	51

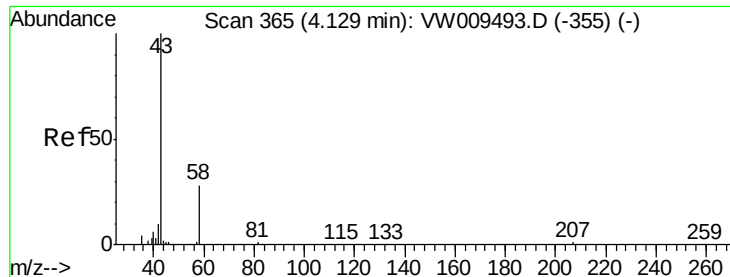
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.809 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW009504.D

Acq: 27 Mar 2019 15:45

Instrument :

MSVOA_W

ClientSampleId :

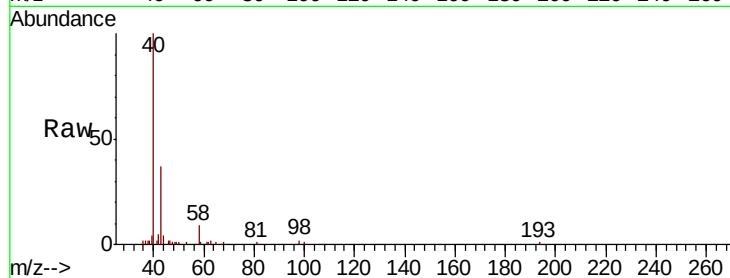
BF5M7

Tot Ion: 43 Resp: 10845

Ion Ratio Lower Upper

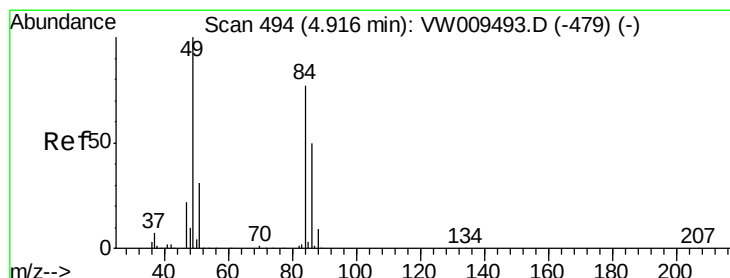
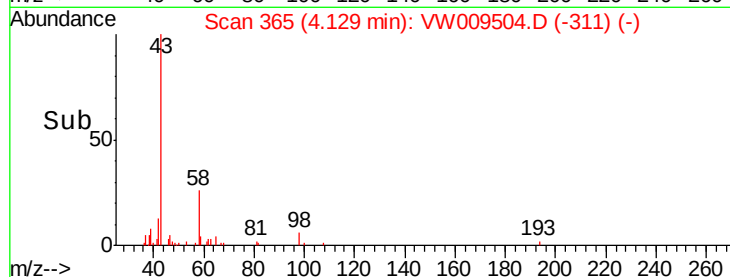
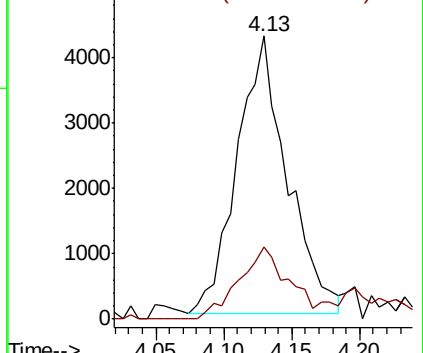
43 100

58 25.5 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: 6.151 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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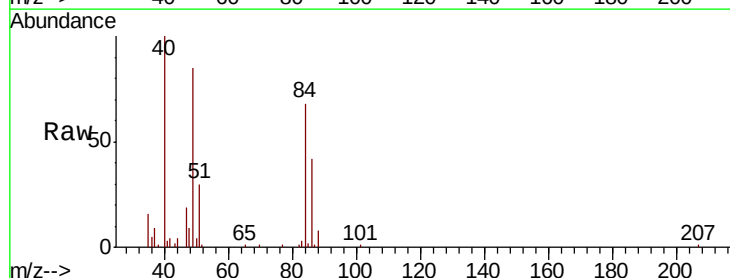
Tgt Ion: 84 Resp: 30738

Ion Ratio Lower Upper

84 100

49 125.1 96.0 178.2

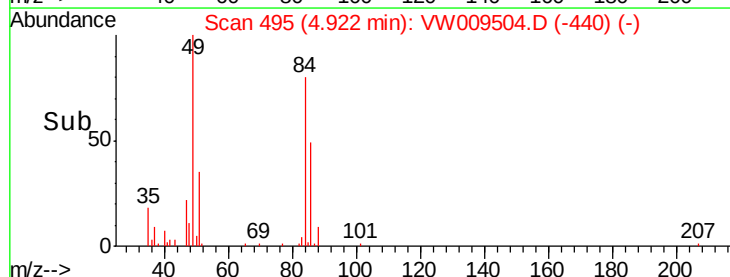
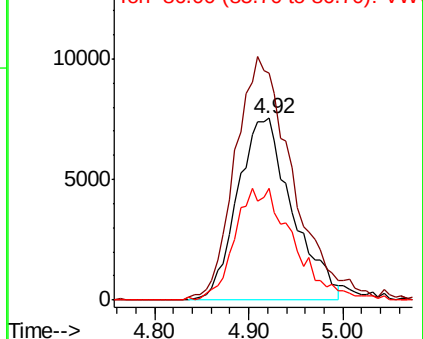
86 61.7 44.4 82.5

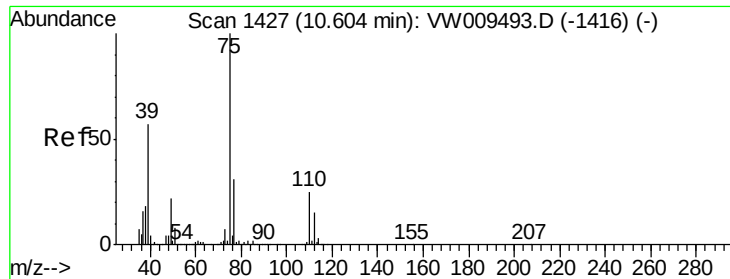


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.367 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

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Instrument :

MSVOA_W

ClientSampled :

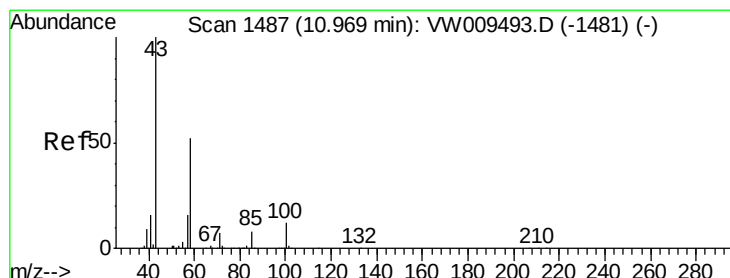
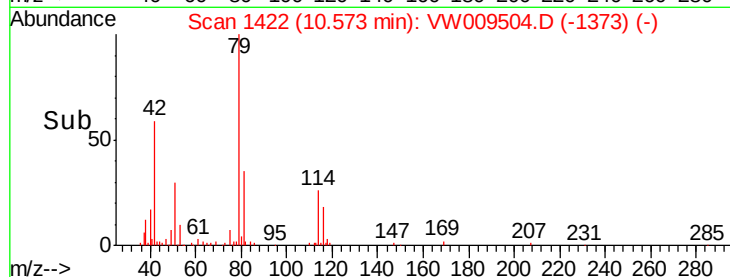
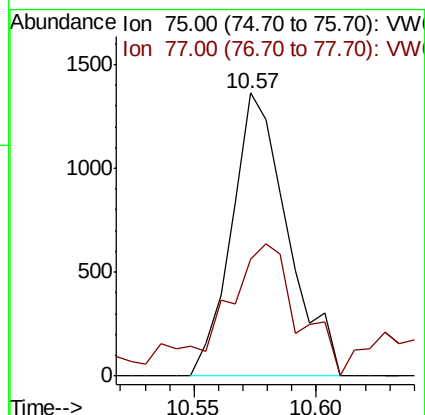
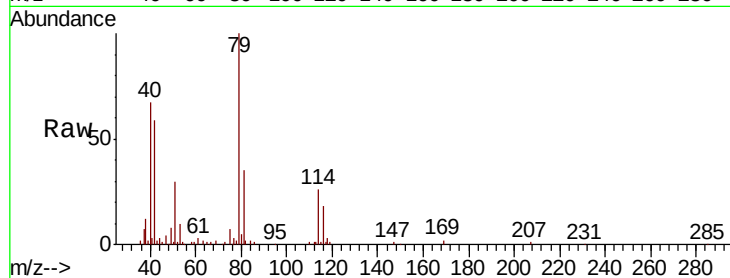
BF5M7

Tot Ion: 75 Resp: 2170

Ion Ratio Lower Upper

75 100

77 41.3 22.5 41.7



#49

2-Hexanone

Concen: 8.875 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW009504.D

Acq: 27 Mar 2019 15:45

Tgt Ion: 43 Resp: 23620

Ion Ratio Lower Upper

43 100

58 8.9 39.2 58.8#

57 2.5 14.2 21.2#

100 1.4 8.9 13.3#

