

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
 Data File : VW016610.D
 Acq On : 22 Sep 2020 15:06
 Operator : SY/VA
 Sample : L4108-05
 Misc : 5.63G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3M9

Quant Time: Sep 23 07:29:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 23 07:21:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	702269	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	618195	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	294434	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	170753	25.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.48%
7) Chloroethane-d5	2.90	69	145889	26.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.16%
10) 1,1-Dichloroethene-d2	4.03	63	266036	17.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.04%
20) 2-Butanone-d5	7.08	46	71937	38.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.64%
24) Chloroform-d	7.65	84	362893	24.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	8.31	65	184818	24.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.04%
29) Benzene-d6	8.28	84	722373	26.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.20%
33) 1,2-Dichloropropane-d6	9.28	67	196205	26.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.44%
37) Toluene-d8	10.33	98	688233	25.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.92%
38) trans-1,3-Dichloropropene-	10.58	79	86306	22.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.16%
39) 2-Hexanone-d5	10.93	63	55319	40.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	141365	22.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	241329	25.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.60%

Target Compounds

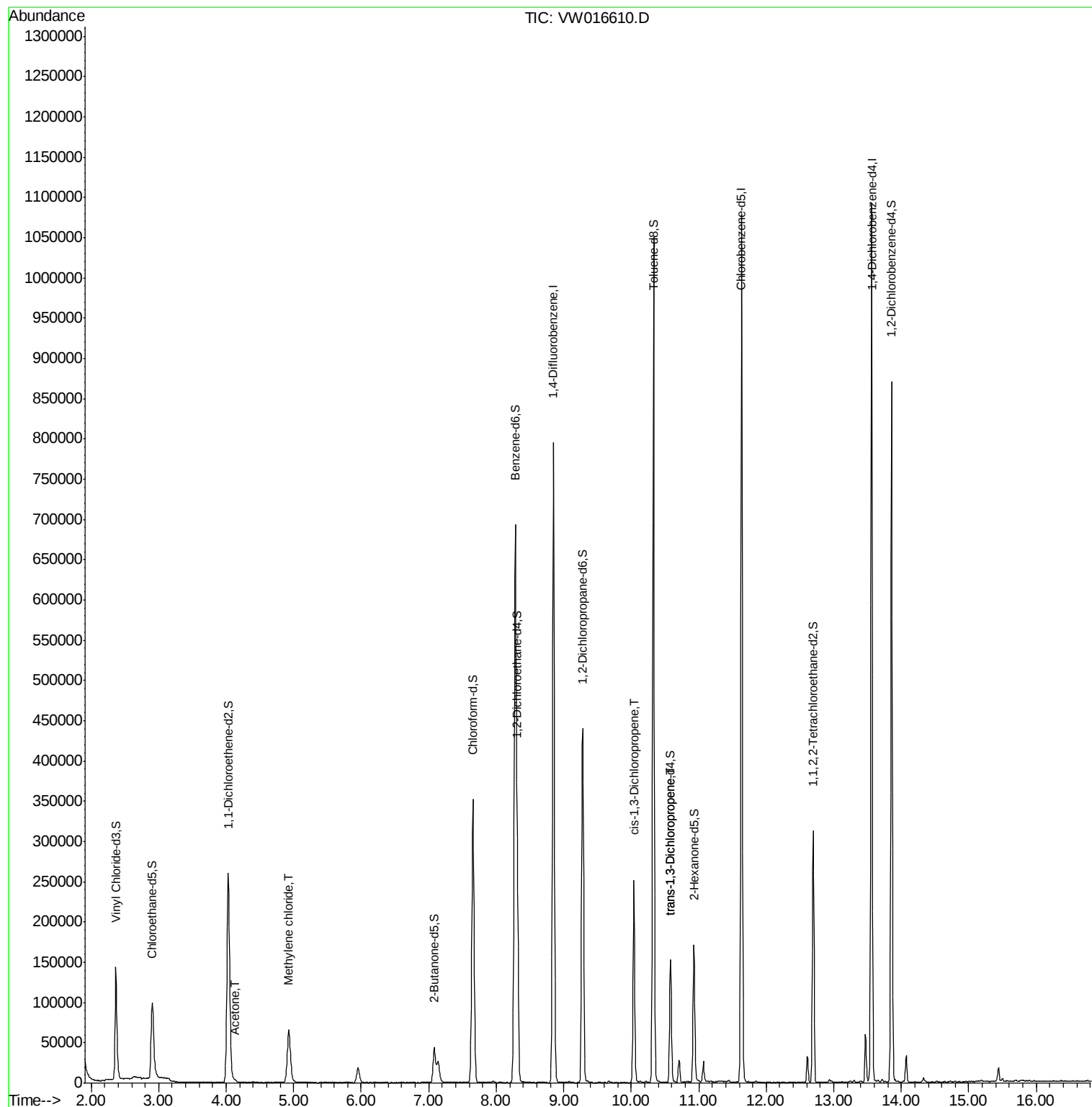
					Ovalue
13) Acetone	4.13	43	3758	2.589 ug/L	92
16) Methylene chloride	4.93	84	57046	5.267 ug/L	95
42) cis-1,3-Dichloropropene	10.04	75	6926	0.526 ug/L #	66
45) trans-1,3-Dichloropropene	10.58	75	4289	0.374 ug/L	87

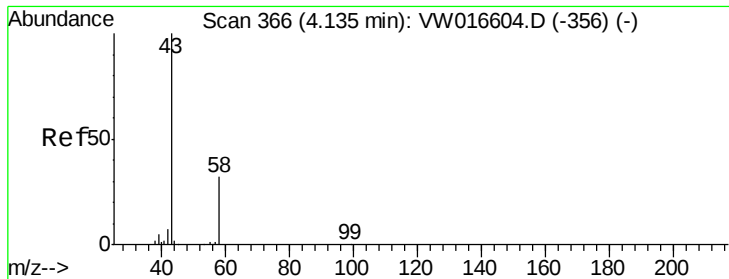
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.589 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW016610.D

Acq: 22 Sep 2020 15:06

Instrument :

MSVOA_W

ClientSampled :

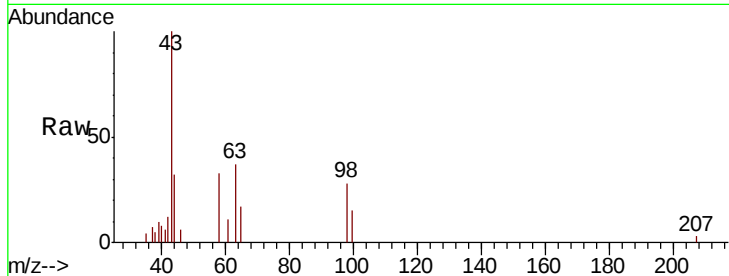
BG3M9

Tot Ion: 43 Resp: 3758

Ion Ratio Lower Upper

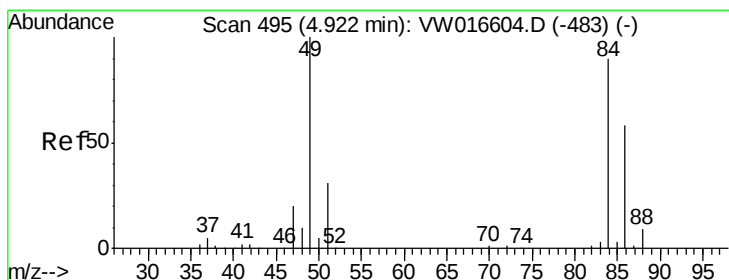
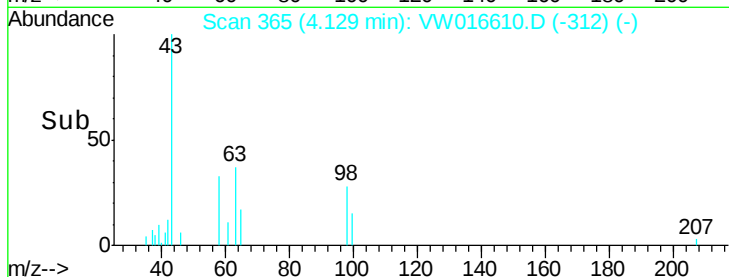
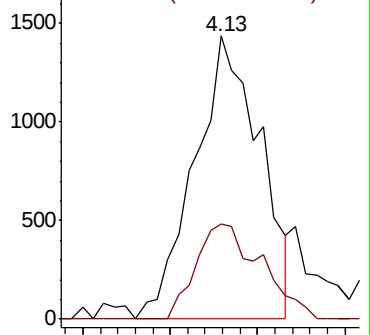
43 100

58 25.7 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 5.267 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW016610.D

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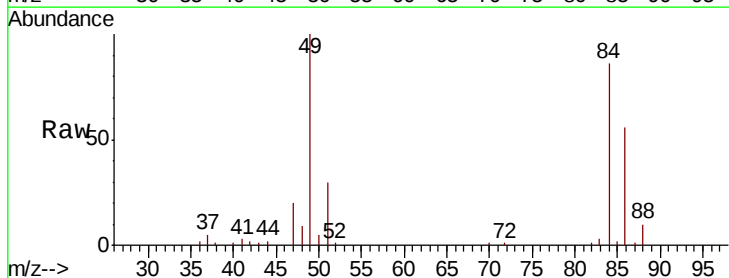
Tgt Ion: 84 Resp: 57046

Ion Ratio Lower Upper

84 100

49 116.0 76.0 141.2

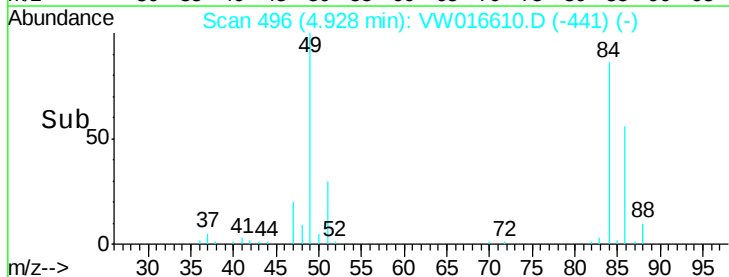
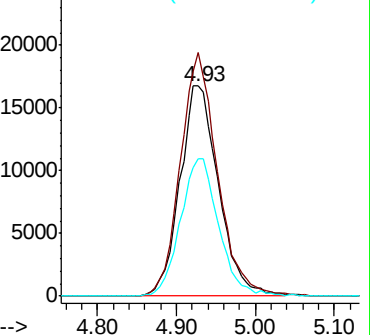
86 65.3 45.6 84.6

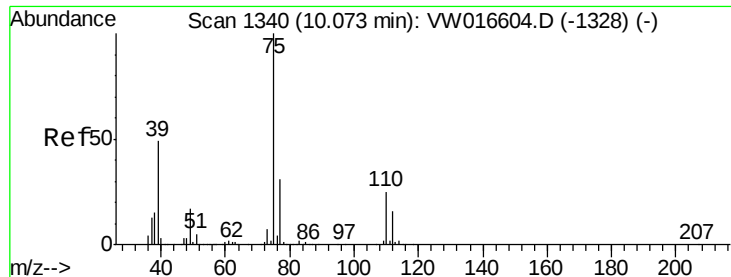


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.526 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Acq: 22 Sep 2020 15:06

Instrument :

MSVOA_W

ClientSampled :

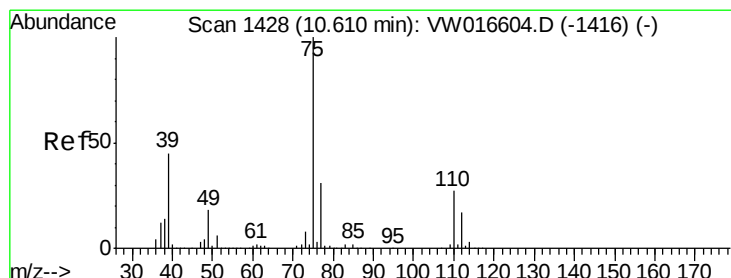
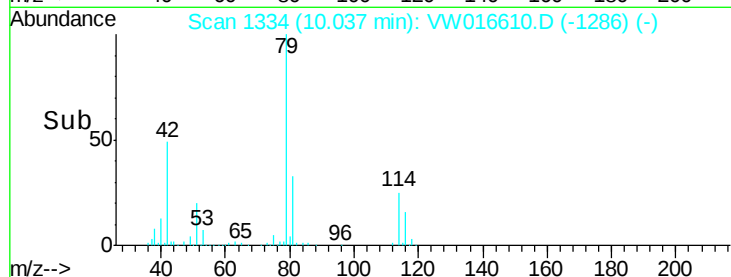
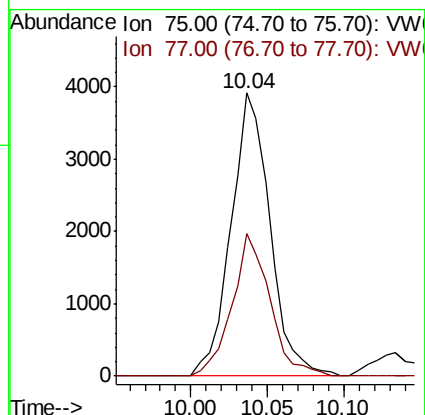
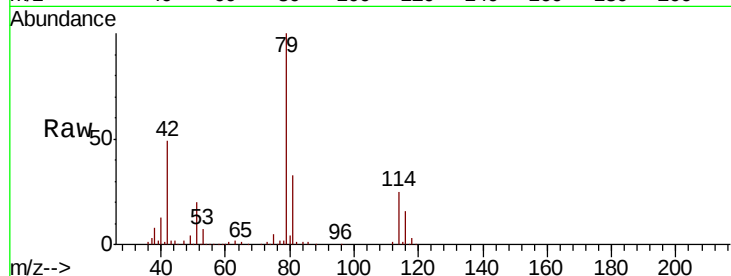
BG3M9

Tot Ion: 75 Resp: 6926

Ion Ratio Lower Upper

75 100

77 50.4 22.2 41.2#



#45

trans-1,3-Dichloropropene

Concen: 0.374 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016610.D

Acq: 22 Sep 2020 15:06

Tgt Ion: 75 Resp: 4289

Ion Ratio Lower Upper

75 100

77 39.2 22.5 41.9

