

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061120\
 Data File : VW015589.D
 Acq On : 11 Jun 2020 15:04
 Operator : SY/VA
 Sample : L2959-09
 Misc : 5.53G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2K3

Quant Time: Jun 12 05:05:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 05:02:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	8.85	114	262122	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	240767	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	108422	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	82914	34.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	138.08%
7) Chloroethane-d5	2.90	69	66696	27.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.68%
10) 1,1-Dichloroethene-d2	4.01	63	118849	20.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.24%
20) 2-Butanone-d5	7.08	46	45432	57.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.86%
24) Chloroform-d	7.65	84	153941	25.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	8.31	65	94995	28.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.68%
29) Benzene-d6	8.28	84	307266	26.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.08%
33) 1,2-Dichloropropane-d6	9.27	67	91340	25.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.80%
37) Toluene-d8	10.33	98	283351	24.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.72%
38) trans-1,3-Dichloropropene-	10.58	79	39417	23.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.00%
39) 2-Hexanone-d5	10.93	63	35083	56.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	72051	26.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	92817	25.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.20%

Target Compounds

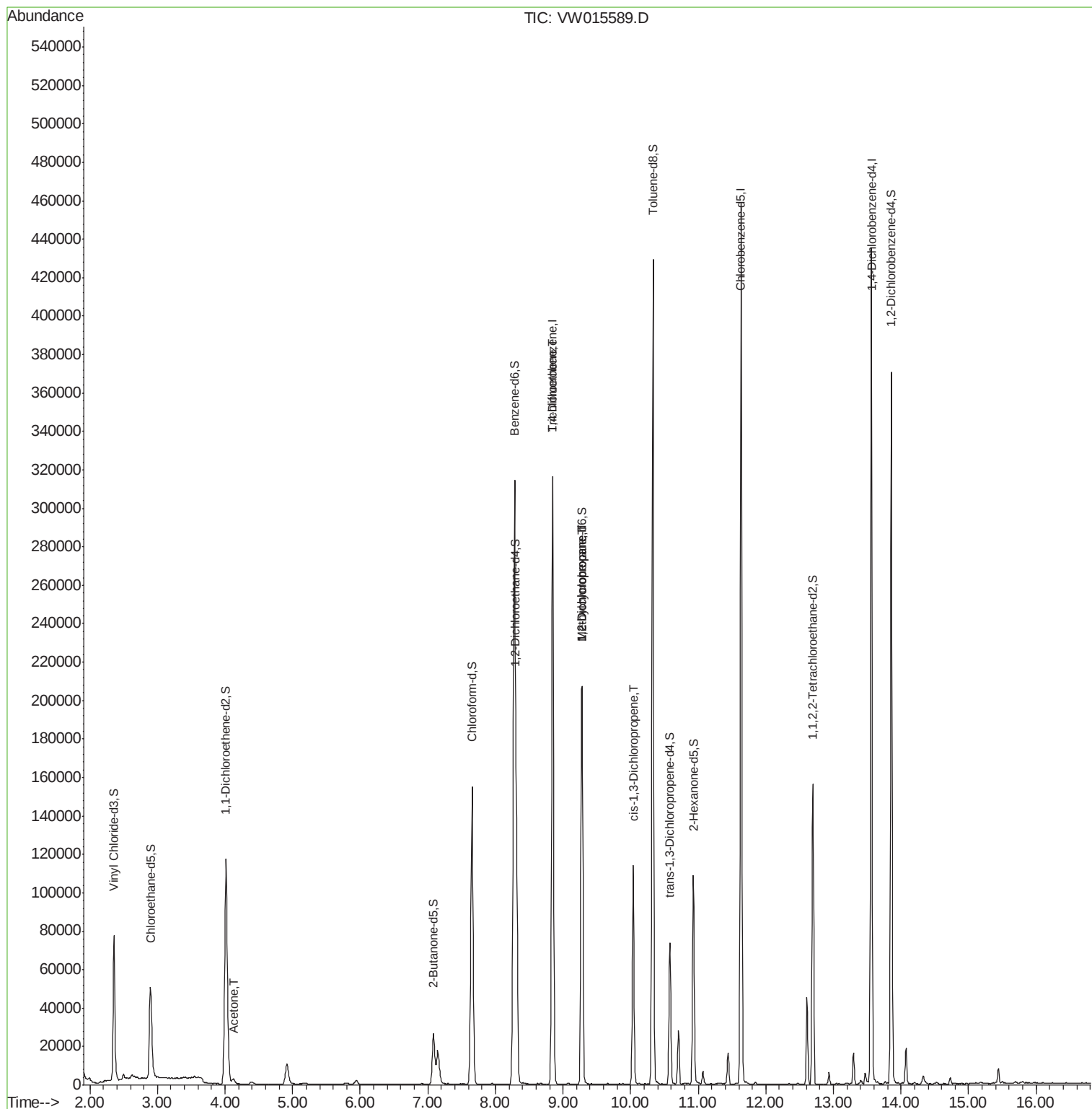
					Ovalue
13) Acetone	4.12	43	4328	7.139 ug/L	99
35) Trichloroethene	8.85	95	8130	2.248 ug/L #	5
36) Methylcyclohexane	9.28	83	23061	3.575 ug/L #	18
40) 1,2-Dichloropropane	9.28	63	11234	3.388 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3119	0.588 ug/L #	72

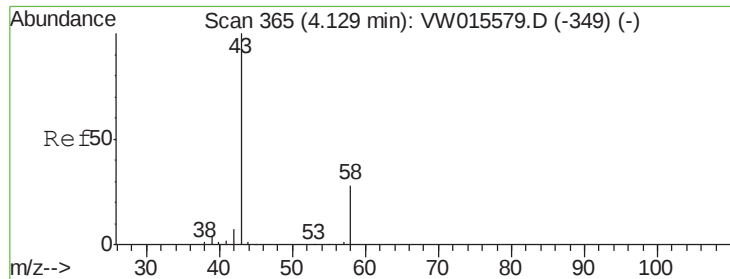
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 7.139 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW015589.D

Acq: 11 Jun 2020 15:04

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MSVOA_W

ClientSampleId :

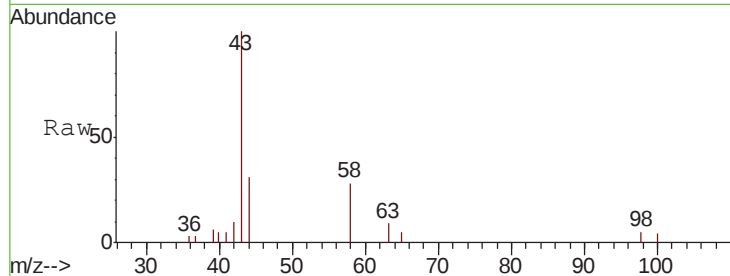
BG2K3

Tot Ion: 43 Resp: 4328

Ion Ratio Lower Upper

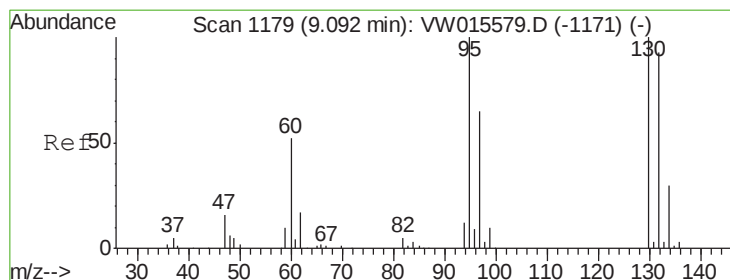
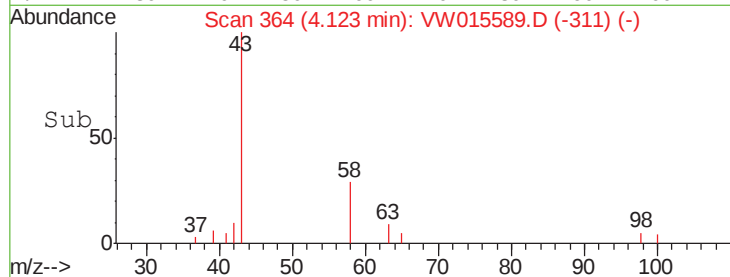
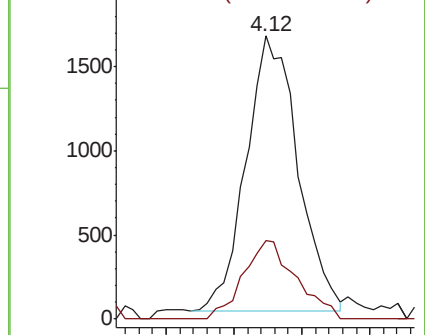
43 100

58 29.2 0.0 56.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#35

Trichloroethene

Concen: 2.248 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW015589.D

Acq: 11 Jun 2020 15:04

Tgt Ion: 95 Resp: 8130

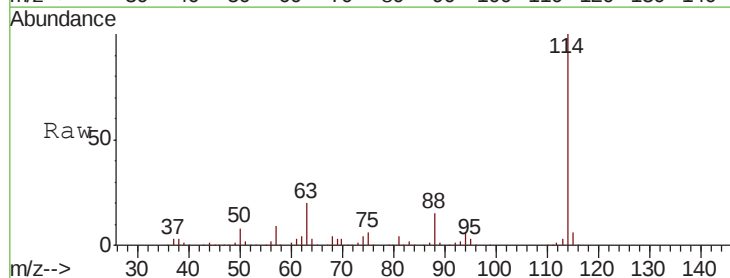
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 67.1 124.7#

130 0.0 69.4 128.8#

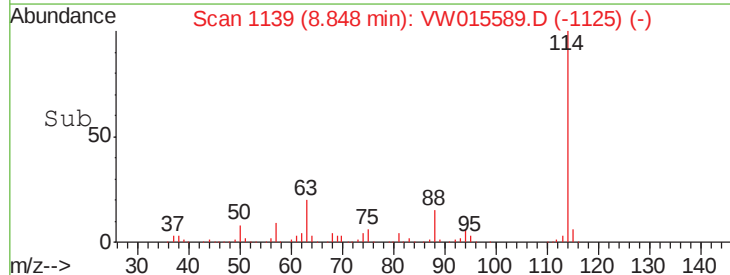
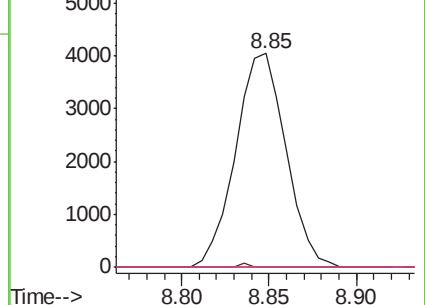


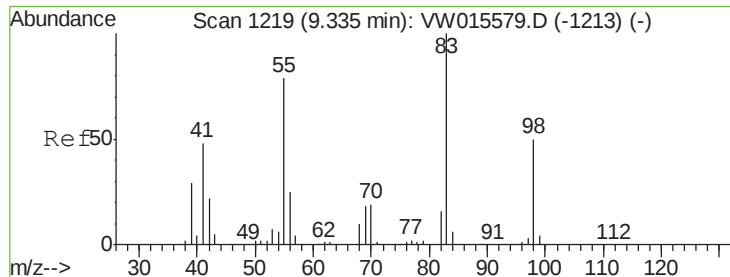
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#36

Methylcyclohexane

Concen: 3.575 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.05 min

Lab File: VW015589.D

Acq: 11 Jun 2020 15:04

Instrument :

MSVOA_W

ClientSampleId :

BG2K3

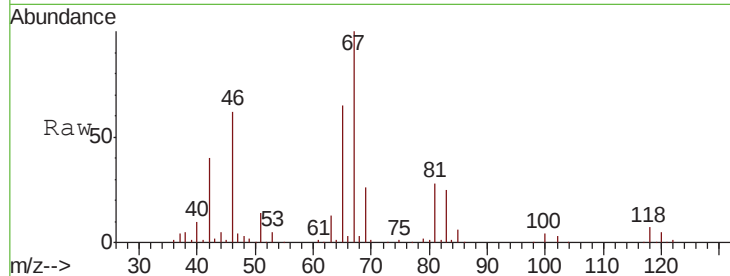
Tot Ion: 83 Resp: 23061

Ion Ratio Lower Upper

83 100

55 0.2 62.8 94.2#

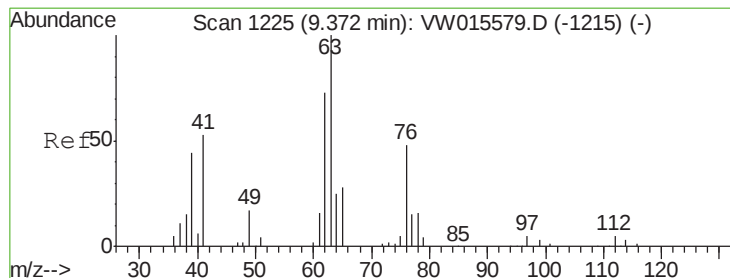
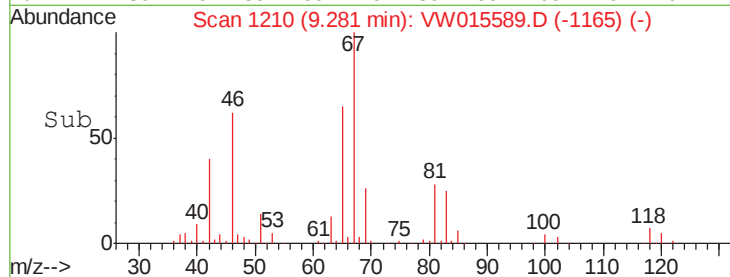
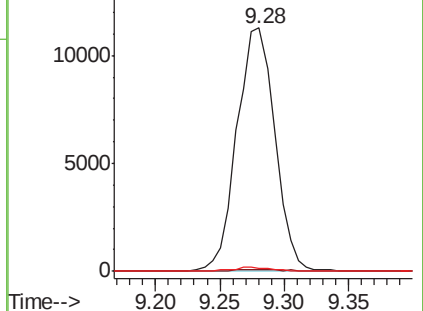
98 1.4 39.2 58.8#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

1,2-Dichloropropane

Concen: 3.388 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW015589.D

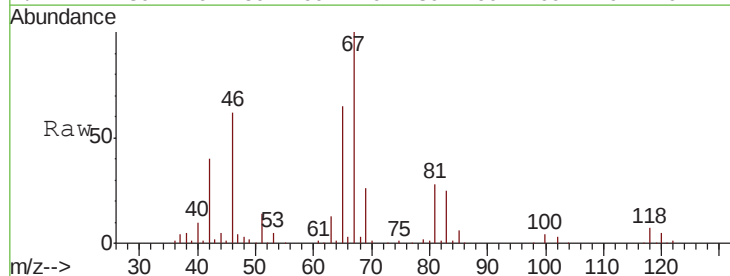
Acq: 11 Jun 2020 15:04

Tgt Ion: 63 Resp: 11234

Ion Ratio Lower Upper

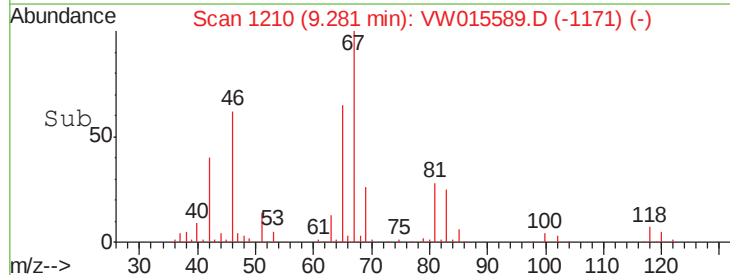
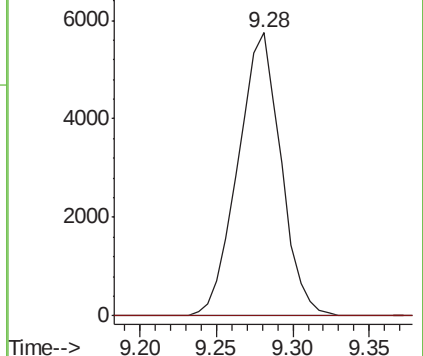
63 100

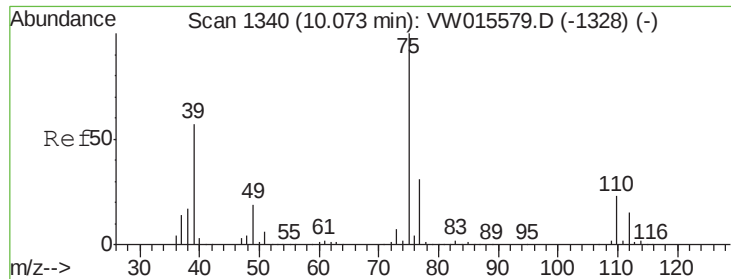
112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42
 cis-1,3-Dichloropropene
 Concen: 0.588 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: VW015589.D
 Acq: 11 Jun 2020 15:04

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2K3

Tot Ion: 75 Resp: 3119
 Ion Ratio Lower Upper
 75 100
 77 47.4 22.3 41.5#

