

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\
 Data File : VW017259.D
 Acq On : 16 Nov 2020 16:07
 Operator : SY/VA
 Sample : L4739-15
 Misc : 6.36G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB102RE

Quant Time: Nov 17 06:11:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 17 06:08:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	393181	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	315396	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	94704	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	98526	19.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.56%
7) Chloroethane-d5	2.89	69	86055	22.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.20%
10) 1,1-Dichloroethene-d2	4.02	63	139989	15.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.20%
20) 2-Butanone-d5	7.08	46	66127	59.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.42%
24) Chloroform-d	7.65	84	229149	24.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.88%
26) 1,2-Dichloroethane-d4	8.31	65	132176	28.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.88%
29) Benzene-d6	8.27	84	421198	26.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.88%
33) 1,2-Dichloropropane-d6	9.27	67	124981	28.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.52%
37) Toluene-d8	10.32	98	372441	24.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.36%
38) trans-1,3-Dichloropropene-	10.58	79	54121	27.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.08%
39) 2-Hexanone-d5	10.93	63	54005	69.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.32%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	115758	29.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	81646	24.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.88%

Target Compounds

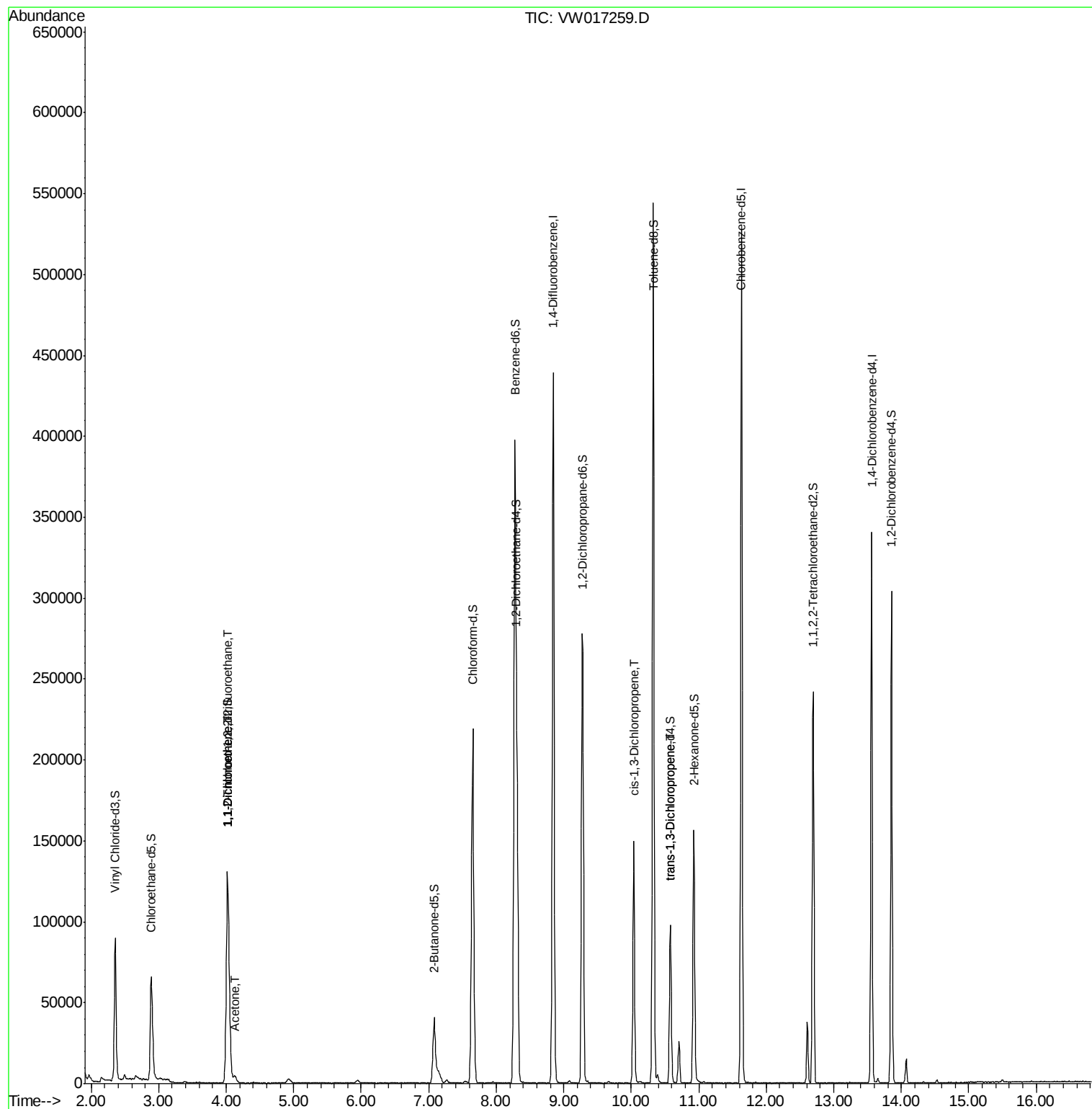
				Ovalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	1454	0.286 ug/L #	17
12) 1,1-Dichloroethene	4.02	96	1308	0.268 ug/L #	1
13) Acetone	4.13	43	6966	9.394 ug/L	96
42) cis-1,3-Dichloropropene	10.04	75	4112	0.671 ug/L #	53
45) trans-1,3-Dichloropropene	10.58	75	2710	0.515 ug/L #	81

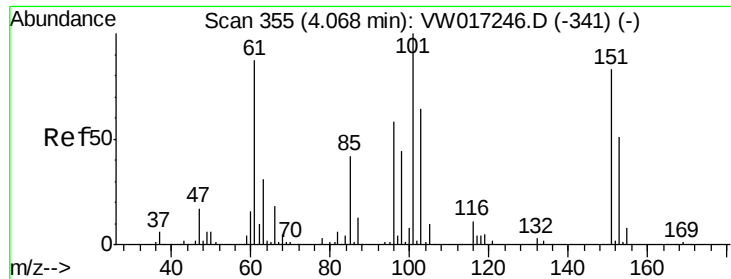
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 17 06:08:23 2020
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.286 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.04 min

Lab File: VW017259.D

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MSVOA_W

ClientSampleId :

GB102RE

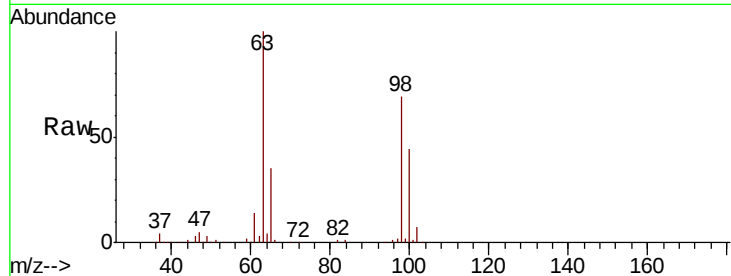
Tot Ion:101 Resp: 1454

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

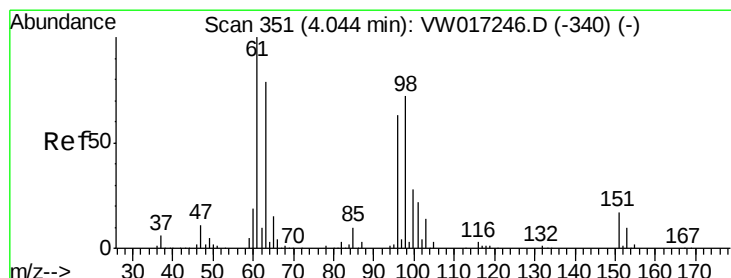
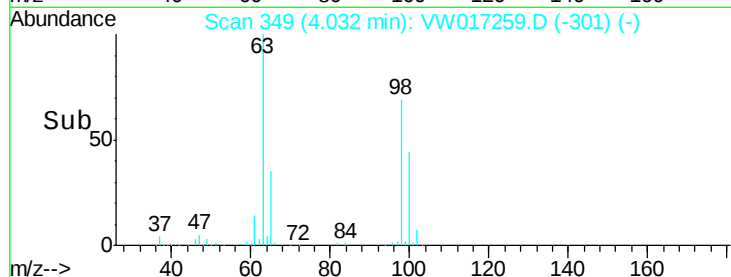
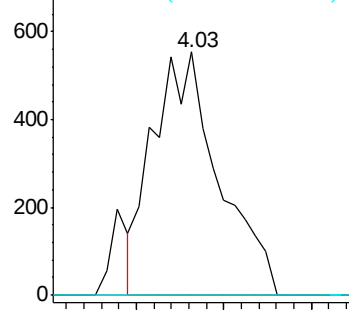
151 0.0 65.4 98.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.268 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.02 min

Lab File: VW017259.D

Acq: 16 Nov 2020 16:07

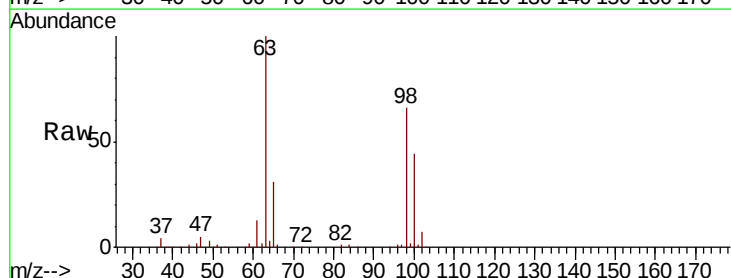
Tgt Ion: 96 Resp: 1308

Ion Ratio Lower Upper

96 100

61 1087.9 103.8 192.8#

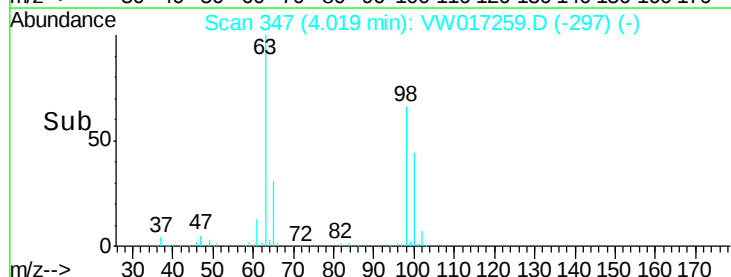
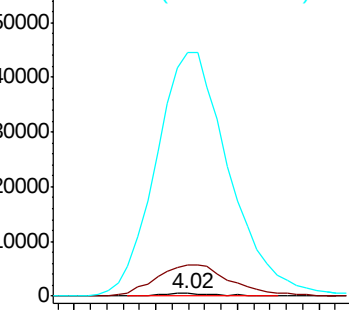
63 8403.0 84.4 156.7#

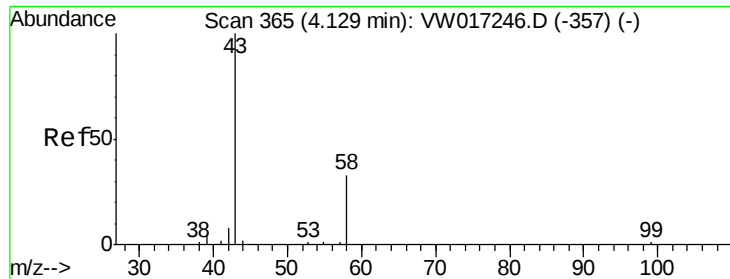


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 9.394 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW017259.D

Acq: 16 Nov 2020 16:07

Instrument :

MSVOA_W

ClientSampled :

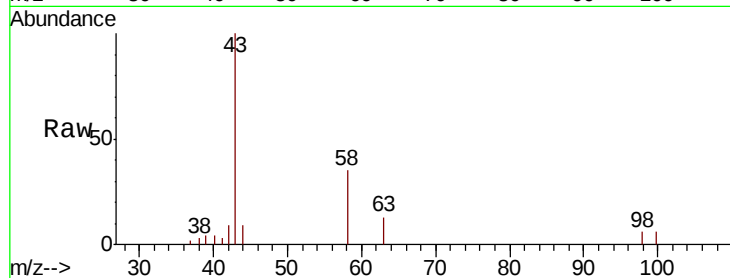
GB102RE

Tot Ion: 43 Resp: 6966

Ion Ratio Lower Upper

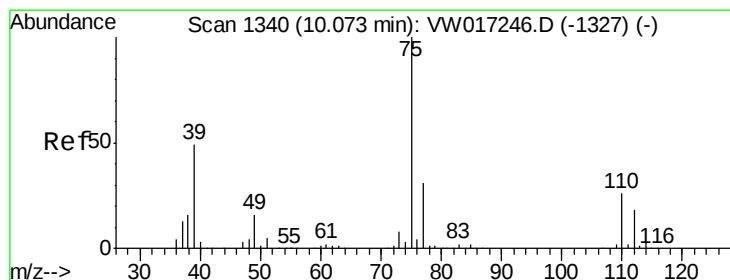
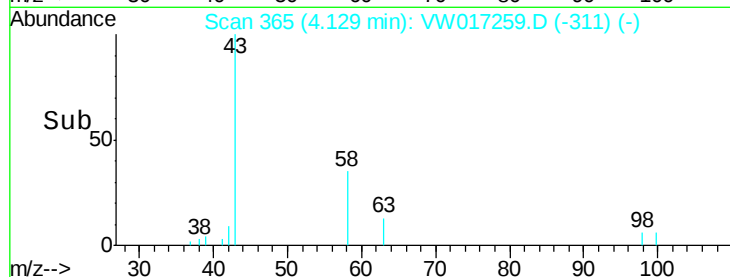
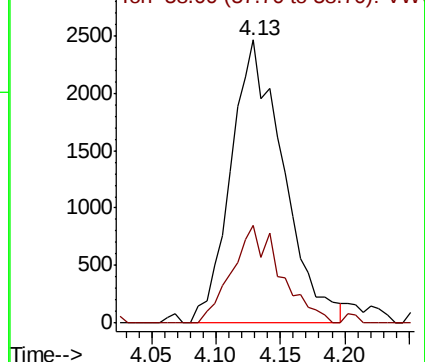
43 100

58 32.1 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.671 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017259.D

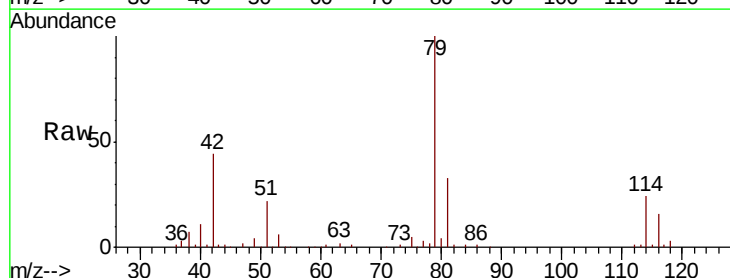
Acq: 16 Nov 2020 16:07

Tgt Ion: 75 Resp: 4112

Ion Ratio Lower Upper

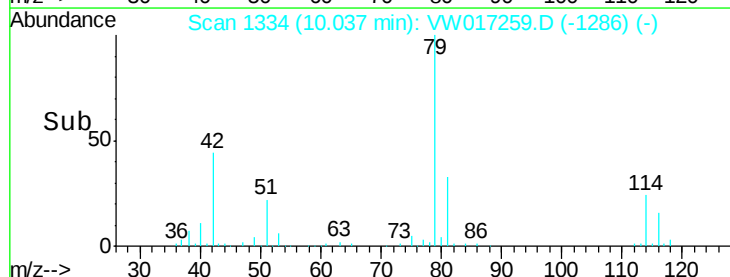
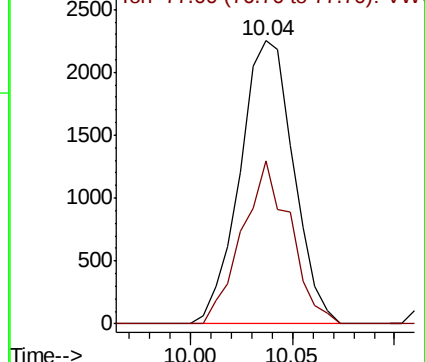
75 100

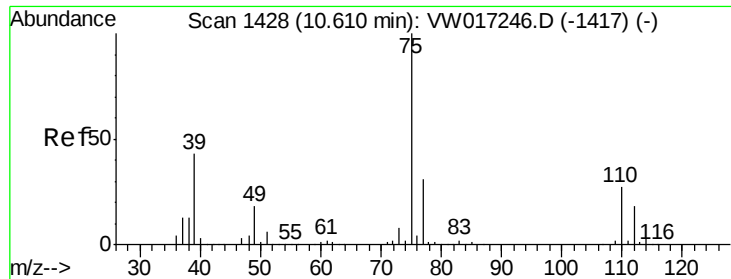
77 57.4 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.515 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017259.D

Acq: 16 Nov 2020 16:07

Instrument :

MSVOA_W

ClientSampleId :

GB102RE

Tot Ion: 75 Resp: 2710

Ion Ratio Lower Upper

75 100

77 42.2 22.1 41.1#

