

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052720\
 Data File : VW015505.D
 Acq On : 27 May 2020 15:34
 Operator : SY/VA
 Sample : L2755-09
 Misc : 12.55G/10.0mL/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXD3

Quant Time: May 28 03:11:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 28 01:49:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	357028	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	325026	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	138991	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	88713	27.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.44%
7) Chloroethane-d5	2.89	69	84399	25.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.76%
10) 1,1-Dichloroethene-d2	4.01	63	132823	16.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.64%
20) 2-Butanone-d5	7.08	46	64114	60.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.04%
24) Chloroform-d	7.65	84	194116	23.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.04%
26) 1,2-Dichloroethane-d4	8.31	65	123206	26.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.28%
29) Benzene-d6	8.27	84	389807	24.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.80%
33) 1,2-Dichloropropane-d6	9.27	67	120742	24.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.72%
37) Toluene-d8	10.32	98	361770	23.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.36%
38) trans-1,3-Dichloropropene-	10.58	79	52807	23.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.28%
39) 2-Hexanone-d5	10.93	63	55580	66.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102215	28.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	118852	25.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.08%

Target Compounds

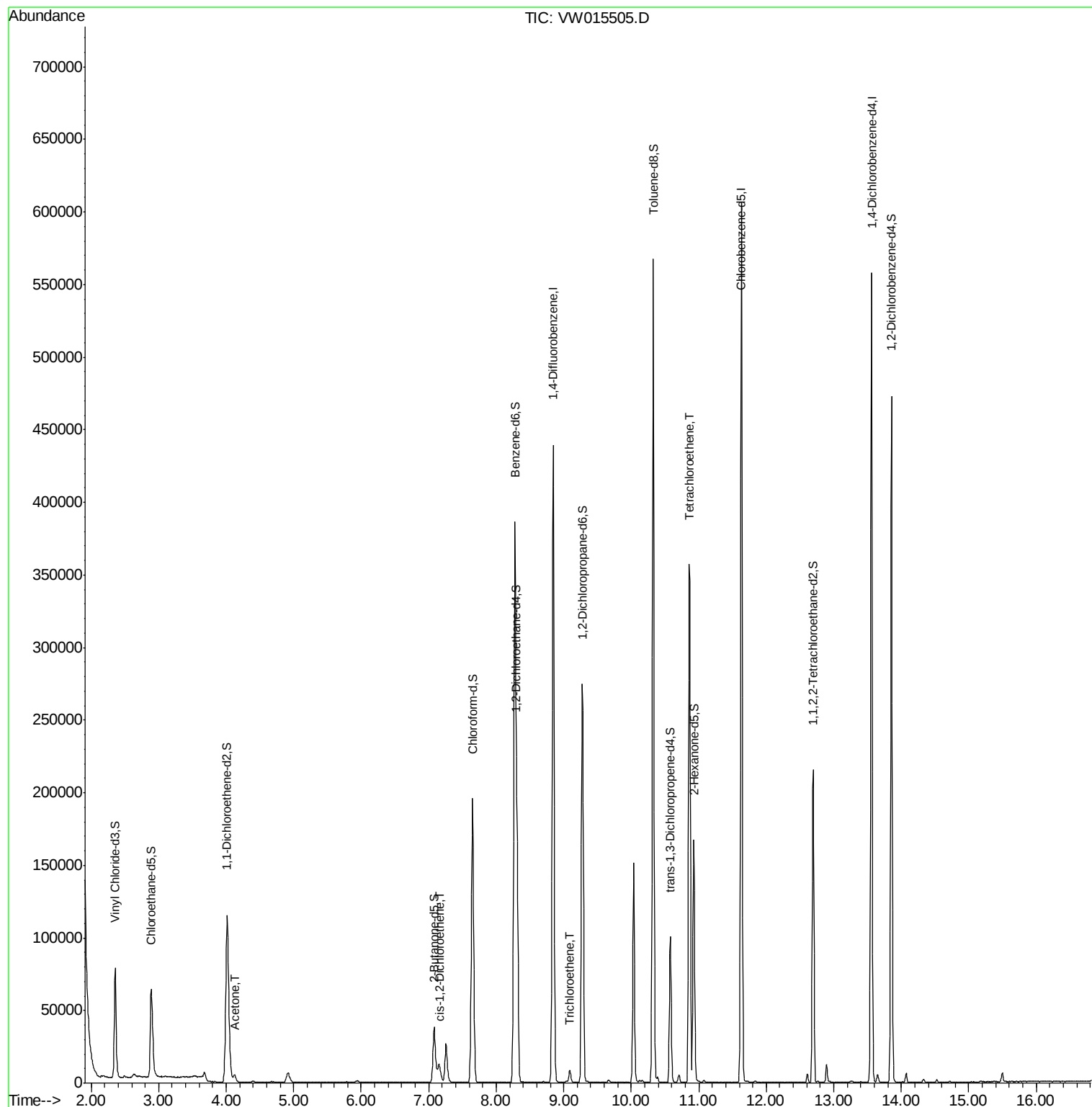
					Ovalue
13) Acetone	4.12	43	8002	9.690 ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	1691	0.355 ug/L	79
35) Trichloroethene	9.09	95	2612	0.535 ug/L	98
47) Tetrachloroethene	10.86	164	80066	20.687 ug/L	94

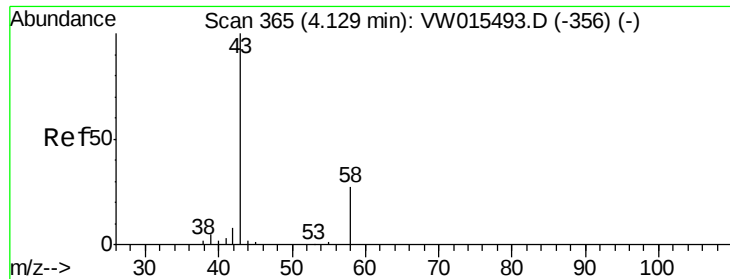
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.690 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW015505.D

Acq: 27 May 2020 15:34

Instrument :

MSVOA_W

ClientSampled :

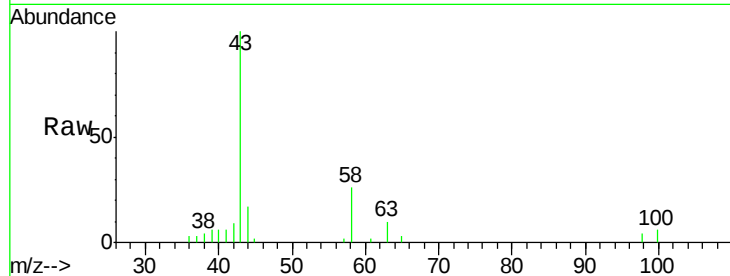
GAXD3

Tot Ion: 43 Resp: 8002

Ion Ratio Lower Upper

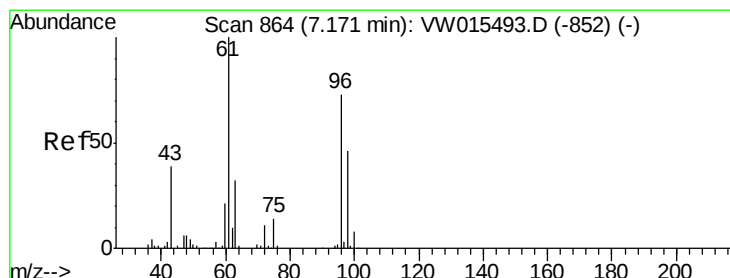
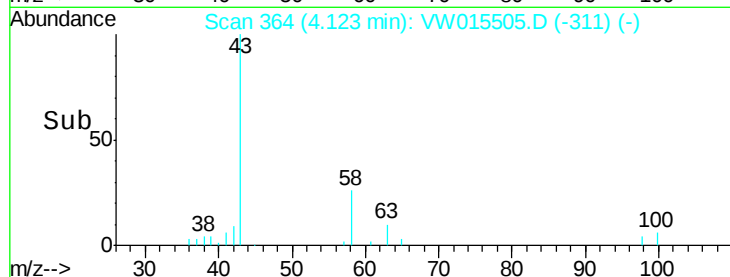
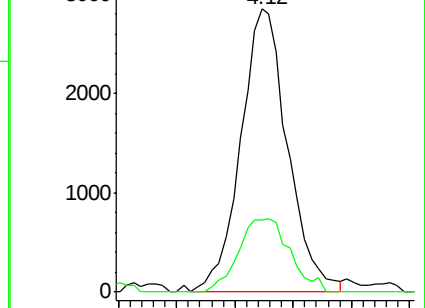
43 100

58 27.6 0.0 56.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#22

cis-1,2-Dichloroethene

Concen: 0.355 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW015505.D

Acq: 27 May 2020 15:34

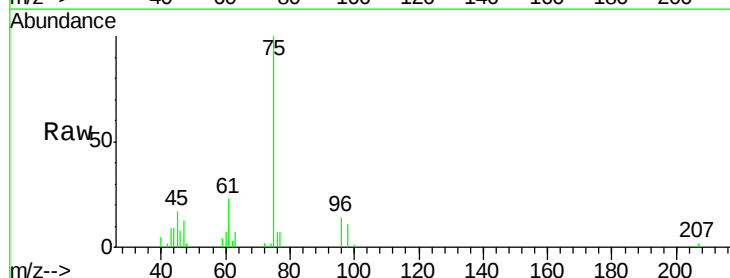
Tgt Ion: 96 Resp: 1691

Ion Ratio Lower Upper

96 100

61 160.3 93.7 173.9

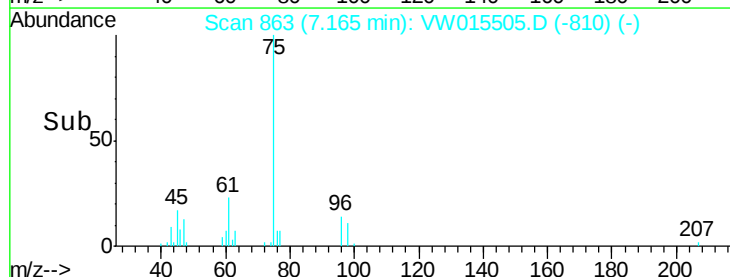
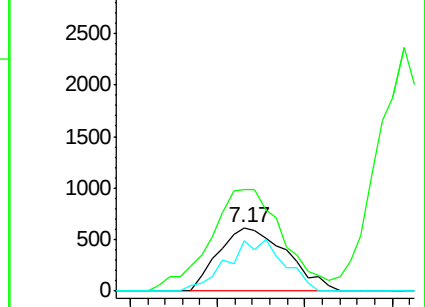
98 79.3 45.1 83.9

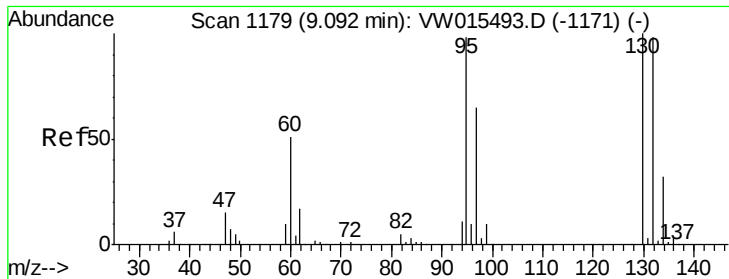


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW





#35

Trichloroethene

Concen: 0.535 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015505.D

Acq: 27 May 2020 15:34

Instrument :

MSVOA_W

ClientSampleId :

GAXD3

Tot Ion: 95 Resp: 2612

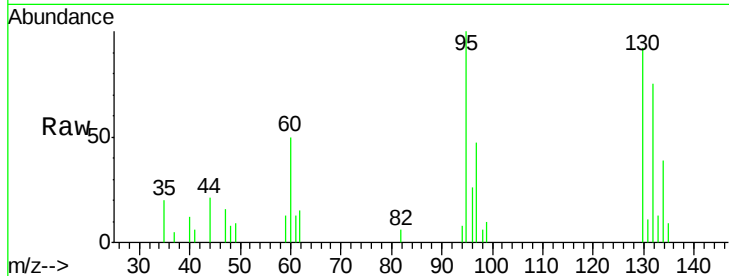
Ion Ratio Lower Upper

95 100

97 63.0 45.4 84.2

132 91.5 67.1 124.7

130 98.6 69.4 128.8



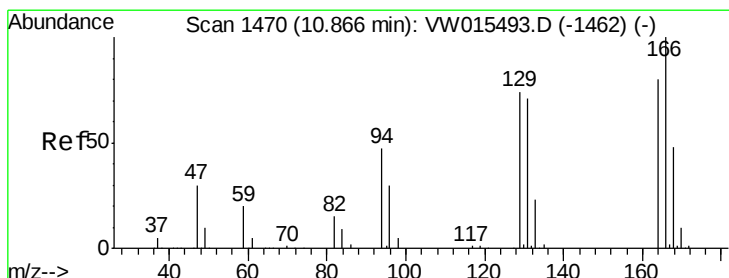
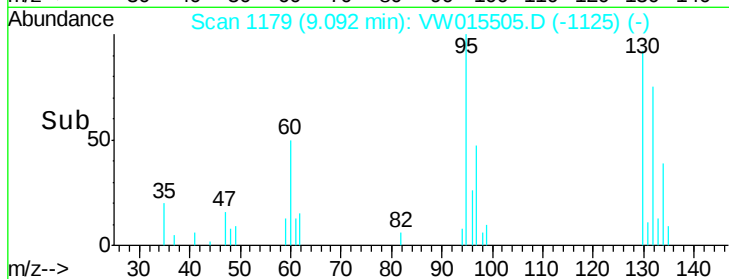
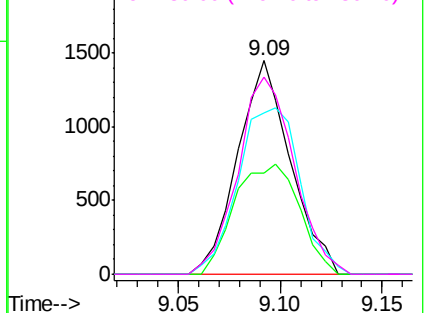
Abundance

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



#47

Tetrachloroethene

Concen: 20.687 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VW015505.D

Acq: 27 May 2020 15:34

Tgt Ion: 164 Resp: 80066

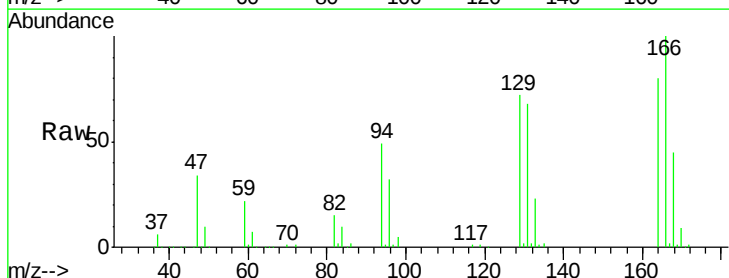
Ion Ratio Lower Upper

164 100

129 90.2 66.3 123.1

131 85.1 65.1 120.9

166 124.7 90.8 168.6



Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

