

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\
 Data File : VW017260.D
 Acq On : 16 Nov 2020 16:30
 Operator : SY/VA
 Sample : L4739-16
 Misc : 6.96G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB103

Quant Time: Nov 17 07:19:15 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	8.85	114	459699	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	410812	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	183046	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	109057	18.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.32%
7) Chloroethane-d5	2.89	69	95804	21.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.88%
10) 1,1-Dichloroethene-d2	4.02	63	160302	15.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.92%
20) 2-Butanone-d5	7.08	46	59311	45.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.62%
24) Chloroform-d	7.65	84	252003	23.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.92%
26) 1,2-Dichloroethane-d4	8.31	65	135291	25.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.44%
29) Benzene-d6	8.27	84	484756	23.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.68%
33) 1,2-Dichloropropane-d6	9.27	67	136190	23.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.16%
37) Toluene-d8	10.32	98	462279	23.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.76%
38) trans-1,3-Dichloropropene-	10.58	79	59960	22.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.92%
39) 2-Hexanone-d5	10.93	63	51295	50.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126580	25.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	157552	24.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.72%

Target Compounds

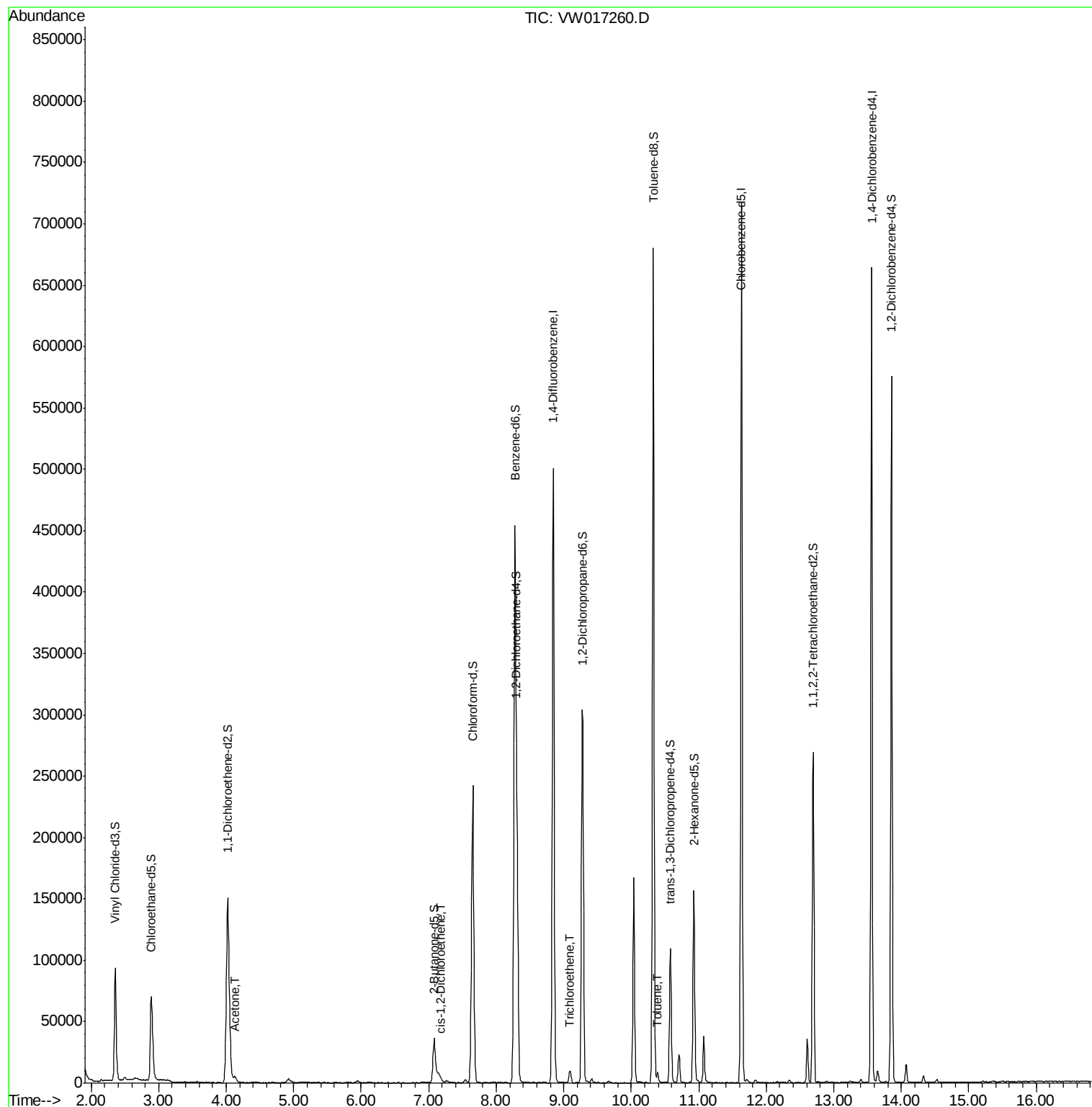
					Ovalue
13) Acetone	4.13	43	7166	8.265 ug/L	99
22) cis-1,2-Dichloroethene	7.18	96	1457	0.233 ug/L	79
35) Trichloroethene	9.09	95	3183	0.527 ug/L	96
44) Toluene	10.39	91	6000	0.253 ug/L	83

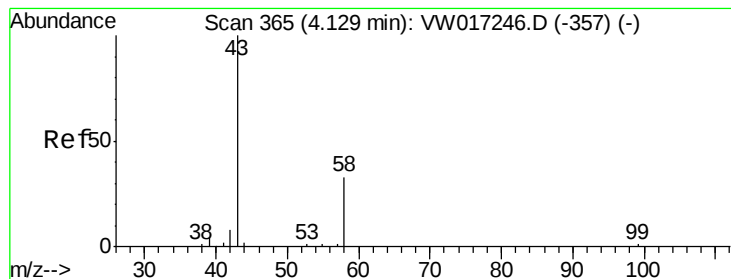
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.265 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW017260.D

Acq: 16 Nov 2020 16:30

Instrument :

MSVOA_W

ClientSampled :

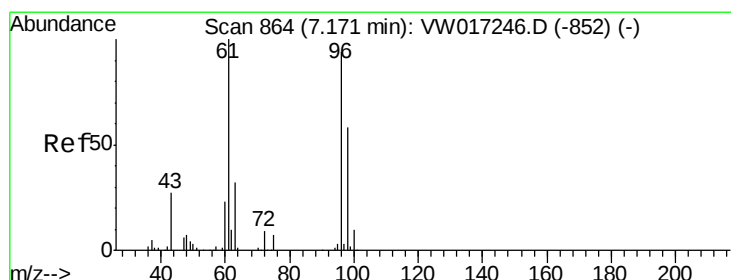
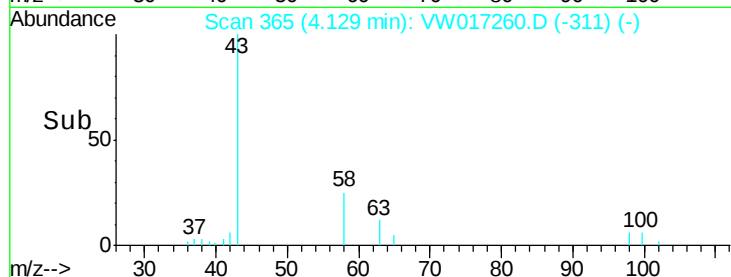
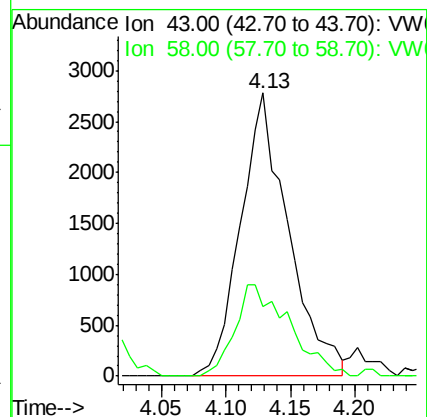
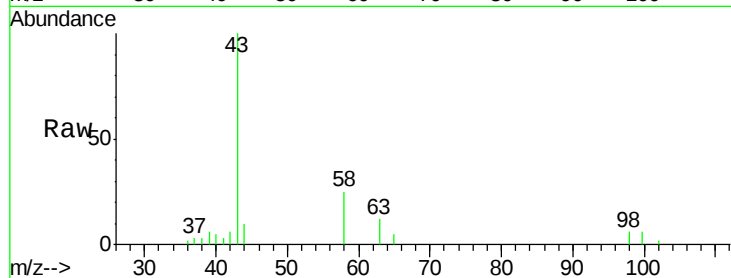
GB103

Tot Ion: 43 Resp: 7166

Ion Ratio Lower Upper

43 100

58 34.2 0.0 69.2



#22

cis-1,2-Dichloroethene

Concen: 0.233 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW017260.D

Acq: 16 Nov 2020 16:30

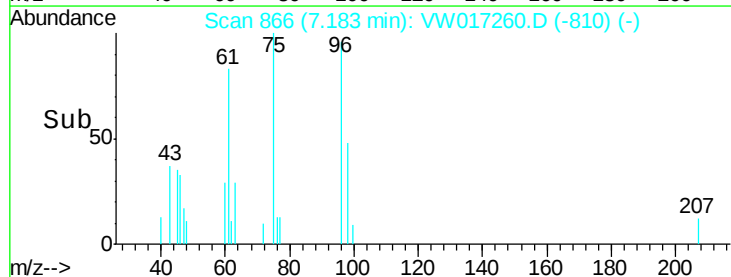
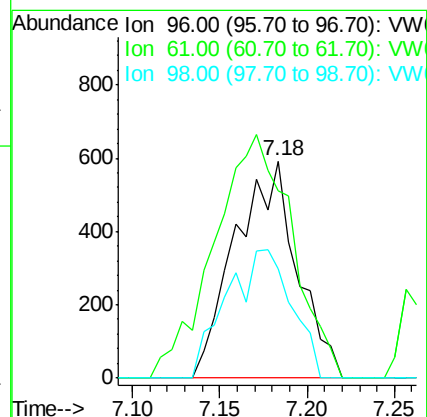
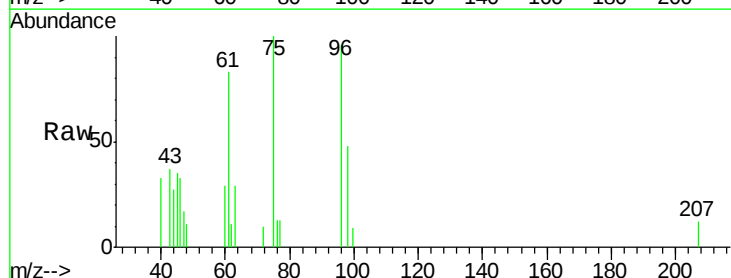
Tgt Ion: 96 Resp: 1457

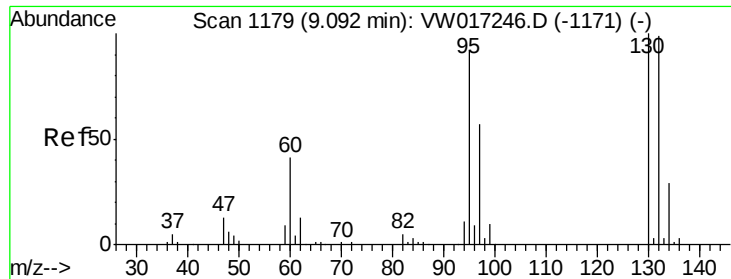
Ion Ratio Lower Upper

96 100

61 86.3 77.4 143.8

98 50.1 45.1 83.7





#35

Trichloroethene

Concen: 0.527 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW017260.D

Acq: 16 Nov 2020 16:30

Instrument :

MSVOA_W

ClientSampleId :

GB103

Tot Ion: 95 Resp: 3183

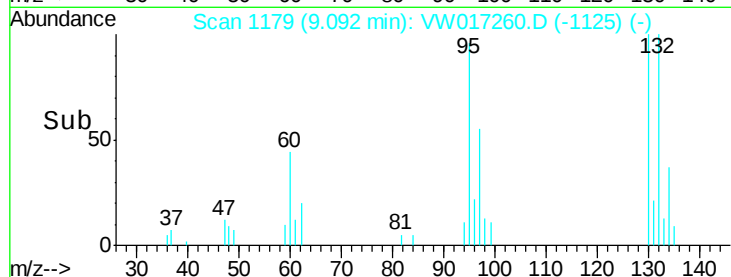
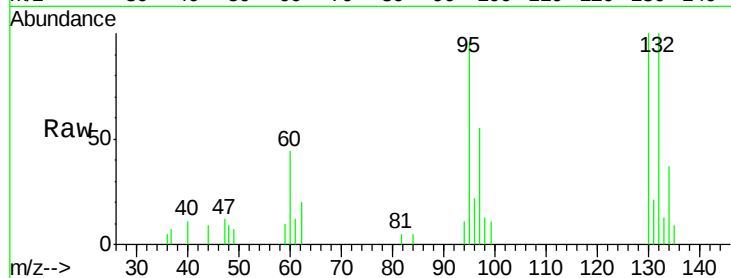
Ion Ratio Lower Upper

95 100

97 64.0 45.0 83.6

132 99.3 73.7 136.9

130 105.2 77.1 143.1

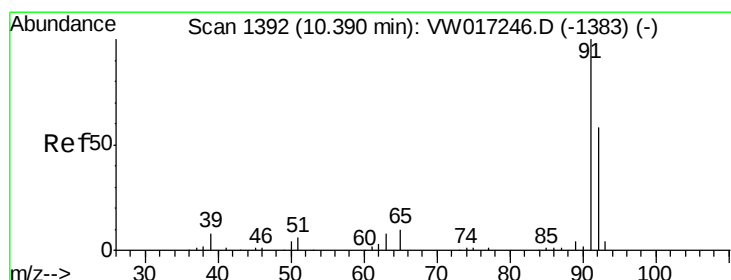
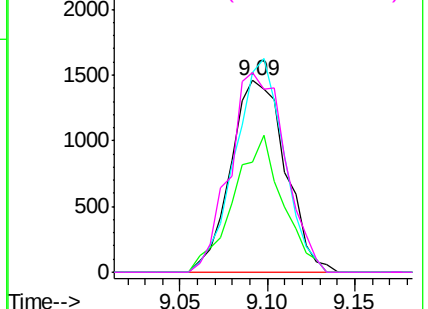


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#44

Toluene

Concen: 0.253 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW017260.D

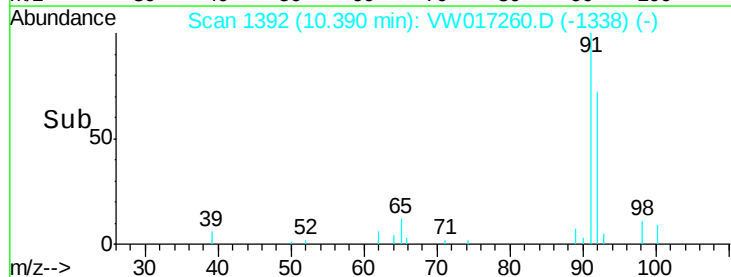
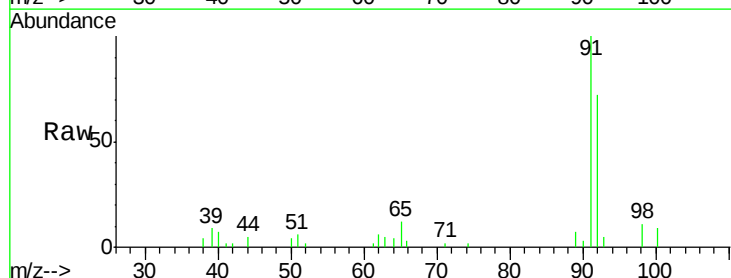
Acq: 16 Nov 2020 16:30

Tgt Ion: 91 Resp: 6000

Ion Ratio Lower Upper

91 100

92 71.6 41.4 76.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

