

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081220\
 Data File : VW016153.D
 Acq On : 12 Aug 2020 11:58
 Operator : SY/VA
 Sample : L3599-09
 Misc : 5.84G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 13 01:26:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 01:23:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	493651	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	456620	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	197896	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	118424	19.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.40%
7) Chloroethane-d5	2.89	69	90102	19.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.56%
10) 1,1-Dichloroethene-d2	4.01	63	200772	15.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.76%
20) 2-Butanone-d5	7.09	46	86888	53.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.90%
24) Chloroform-d	7.65	84	286902	21.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.64%
26) 1,2-Dichloroethane-d4	8.31	65	161206	22.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.64%
29) Benzene-d6	8.27	84	564528	22.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.92%
33) 1,2-Dichloropropane-d6	9.27	67	171461	23.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.88%
37) Toluene-d8	10.32	98	515766	22.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.56%
38) trans-1,3-Dichloropropene-	10.58	79	76730	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.48%
39) 2-Hexanone-d5	10.93	63	75715	60.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	159817	26.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	163247	23.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.08%

Target Compounds

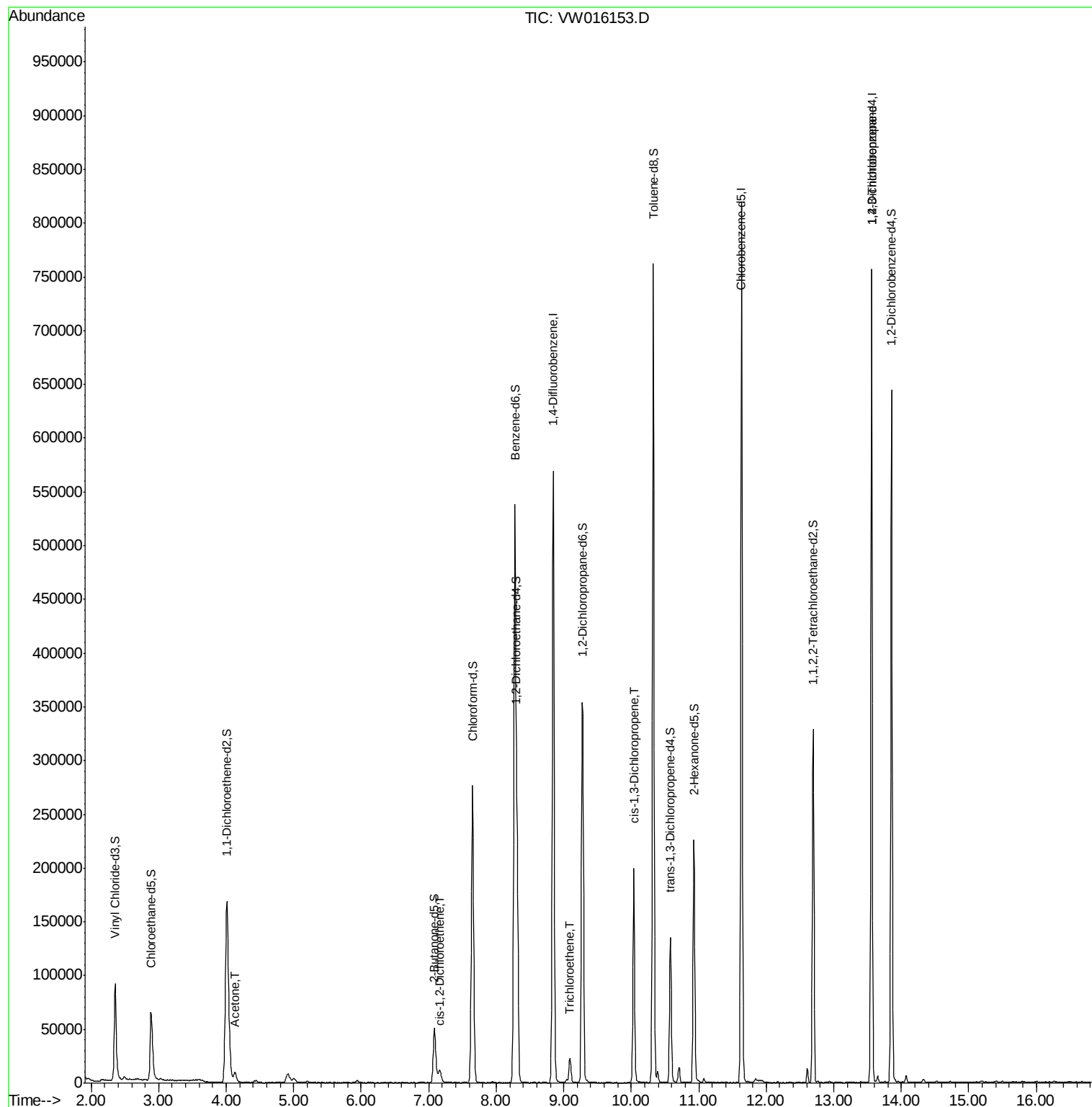
					Ovalue
13) Acetone	4.13	43	15985	13.121 ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	2317	0.330 ug/L	94
35) Trichloroethene	9.09	95	8128	1.148 ug/L	96
42) cis-1,3-Dichloropropene	10.04	75	4859	0.493 ug/L #	62
59) 1,2,3-Trichloropropane	13.56	75	23136	5.142 ug/L	92

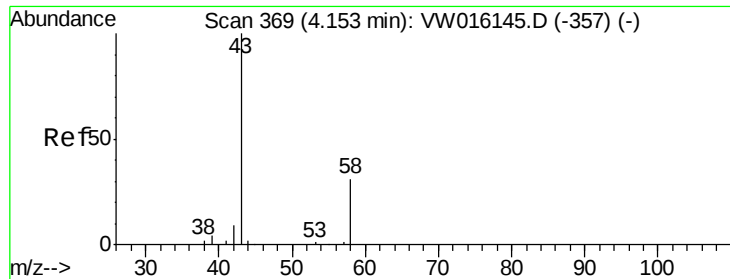
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Aug 13 01:23:48 2020
Response via : Initial Calibration





#13

Acetone

Concen: 13.121 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW016153.D

Acq: 12 Aug 2020 11:58

Instrument :

MSVOA_W

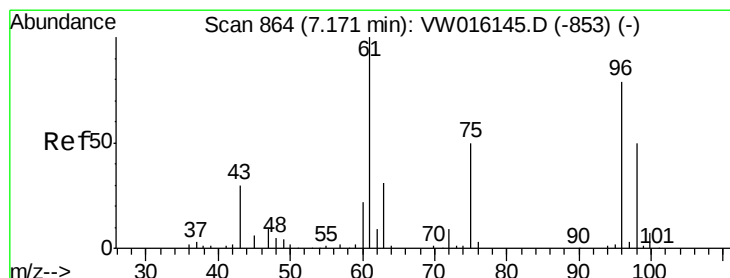
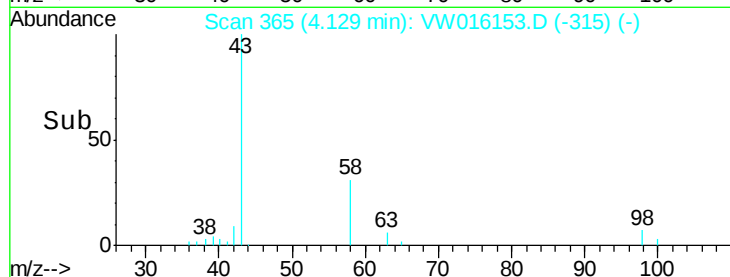
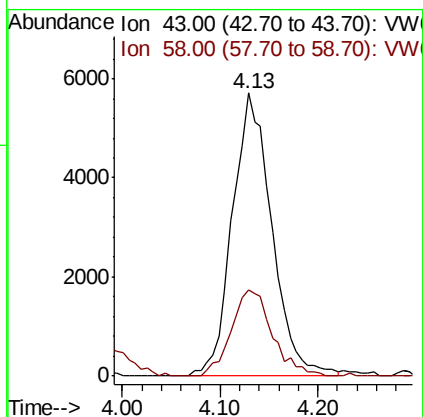
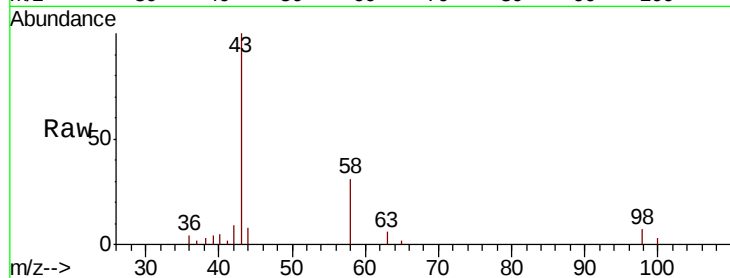
ClientSampleId :

Tot Ion: 43 Resp: 15985

Ion Ratio Lower Upper

43 100

58 31.3 0.0 59.4



#22

cis-1,2-Dichloroethene

Concen: 0.330 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016153.D

Acq: 12 Aug 2020 11:58

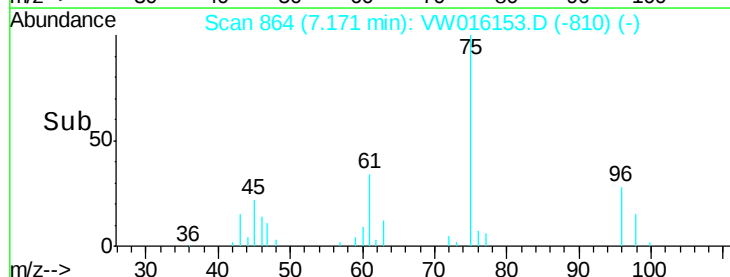
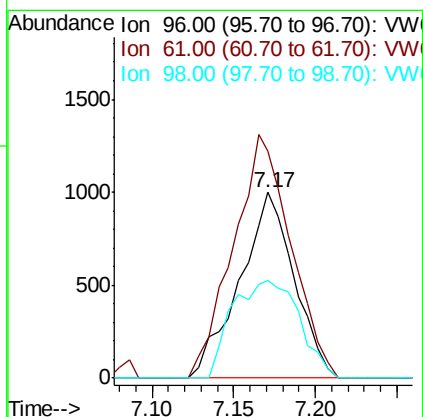
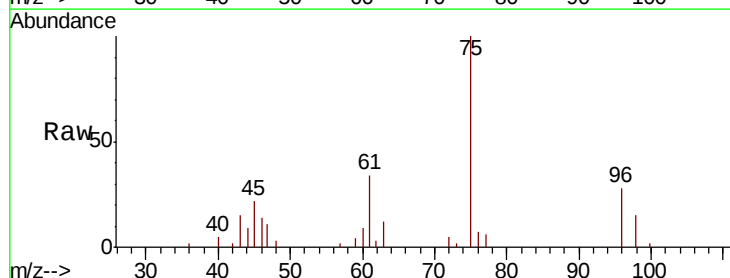
Tgt Ion: 96 Resp: 2317

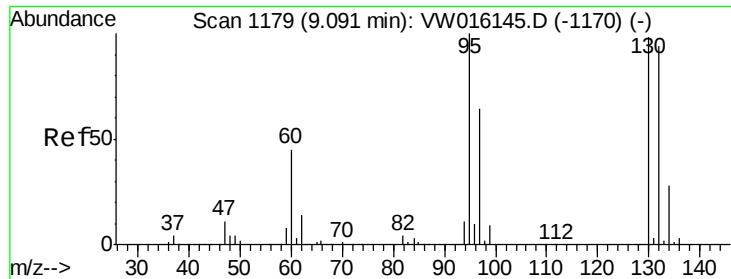
Ion Ratio Lower Upper

96 100

61 122.3 87.0 161.6

98 52.5 44.0 81.6

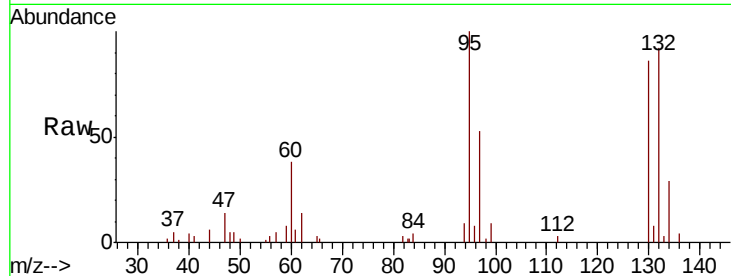




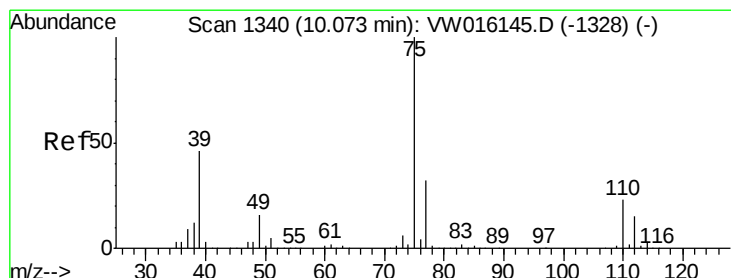
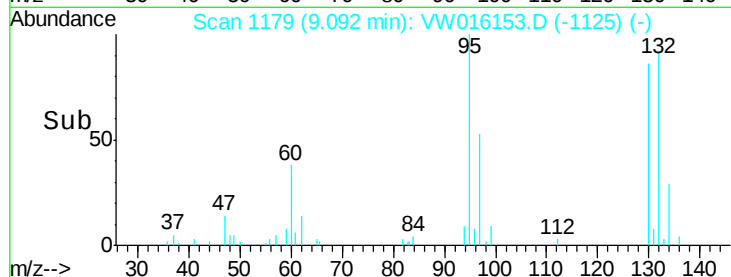
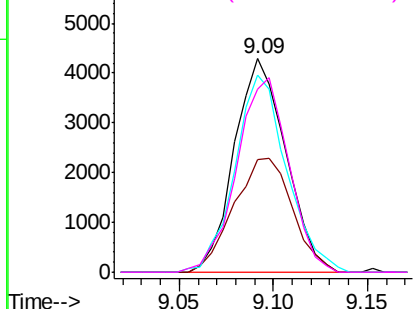
#35
 Trichloroethene
 Concen: 1.148 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW016153.D
 Acq: 12 Aug 2020 11:58

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 95 Resp: 8128
 Ion Ratio Lower Upper
 95 100
 97 60.7 44.9 83.3
 132 93.1 65.8 122.2
 130 92.0 69.5 129.1

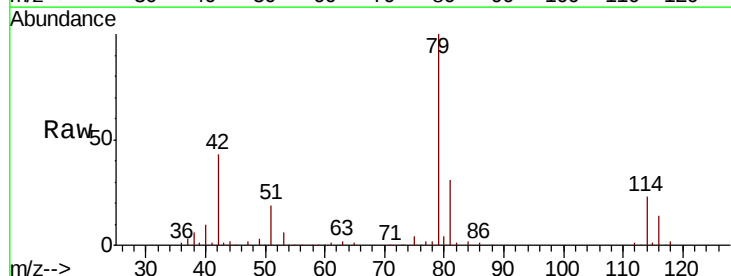


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

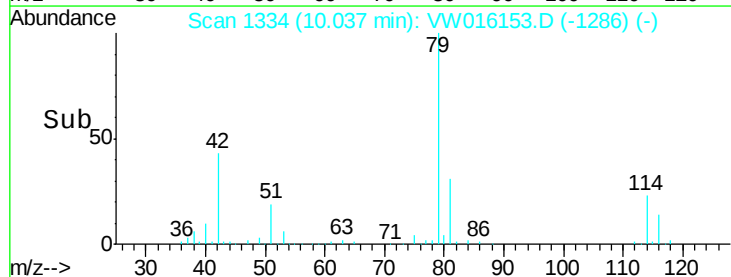
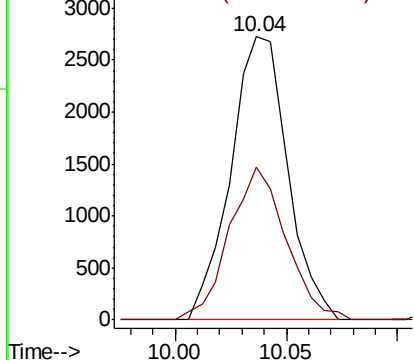


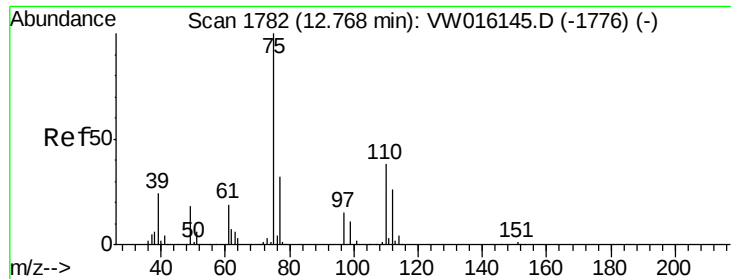
#42
 cis-1,3-Dichloropropene
 Concen: 0.493 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016153.D
 Acq: 12 Aug 2020 11:58

Tgt Ion: 75 Resp: 4859
 Ion Ratio Lower Upper
 75 100
 77 53.9 22.9 42.5#



Abundance Ion 75.00 (74.70 to 75.70): VW
 Ion 77.00 (76.70 to 77.70): VW





#59

1,2,3-Trichloropropane

Concen: 5.142 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016153.D

Acq: 12 Aug 2020 11:58

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 23136

Ion Ratio Lower Upper

75 100

77 37.0 25.9 38.9

