

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081220\
 Data File : VW016159.D
 Acq On : 12 Aug 2020 14:37
 Operator : SY/VA
 Sample : L3599-16
 Misc : 7.15G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 13 01:27:04 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	448848	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	416085	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	165844	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	106863	19.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.80%
7) Chloroethane-d5	2.89	69	80574	19.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.32%
10) 1,1-Dichloroethene-d2	4.01	63	174280	14.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.00%
20) 2-Butanone-d5	7.09	46	75654	51.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.34%
24) Chloroform-d	7.65	84	256628	21.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.24%
26) 1,2-Dichloroethane-d4	8.31	65	141832	22.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.68%
29) Benzene-d6	8.27	84	494317	21.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.36%
33) 1,2-Dichloropropane-d6	9.27	67	150525	22.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.44%
37) Toluene-d8	10.32	98	436593	21.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.12%
38) trans-1,3-Dichloropropene-	10.58	79	65459	21.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.52%
39) 2-Hexanone-d5	10.93	63	63667	55.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	136977	25.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	138808	23.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.44%

Target Compounds

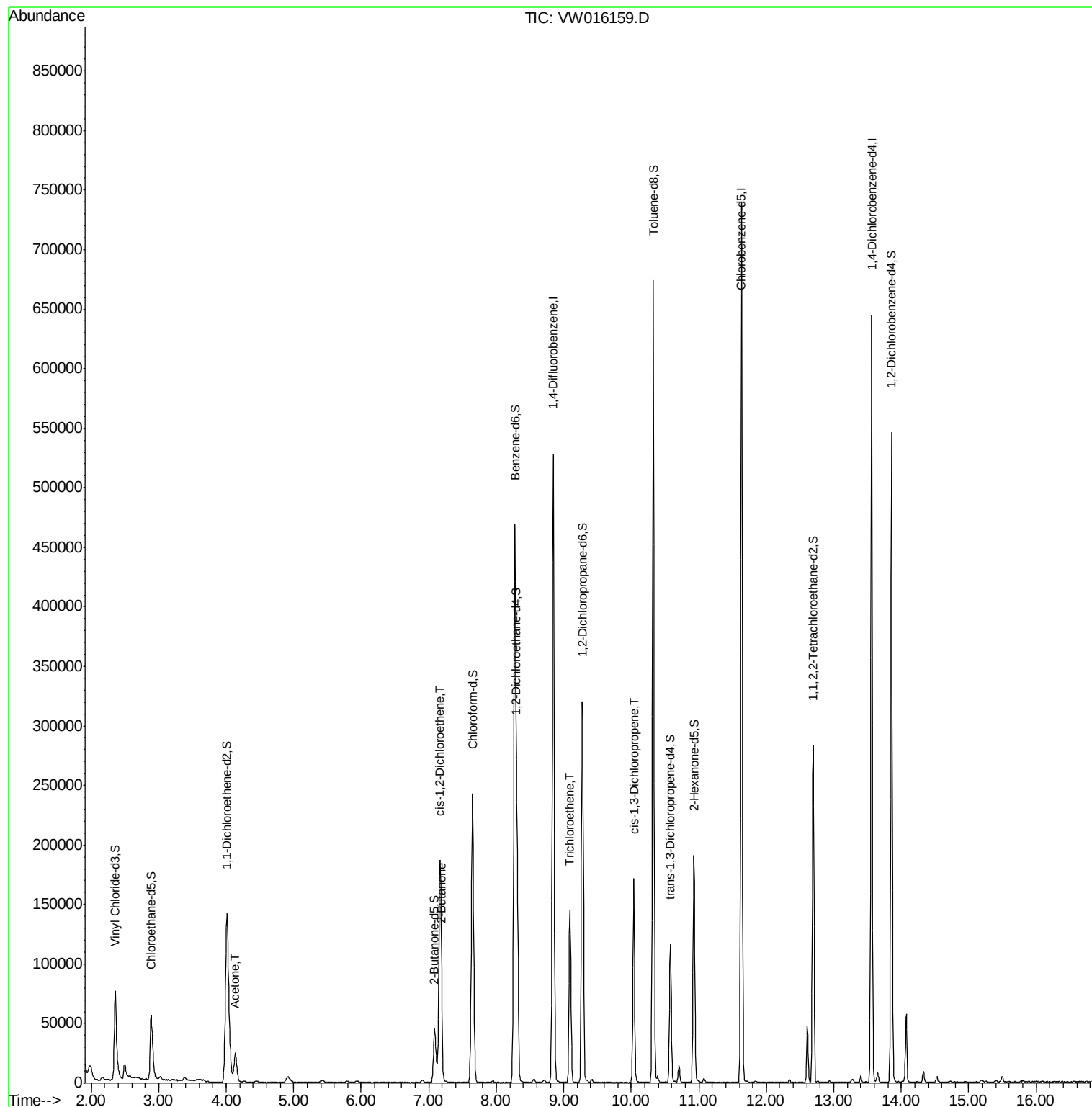
					Ovalue
13) Acetone	4.14	43	43069	38.880 ug/L	92
21) 2-Butanone	7.20	43	5034	2.867 ug/L	92
22) cis-1,2-Dichloroethene	7.17	96	114158	17.858 ug/L	98
35) Trichloroethene	9.09	95	50944	7.896 ug/L	97
42) cis-1,3-Dichloropropene	10.04	75	4390	0.489 ug/L #	69

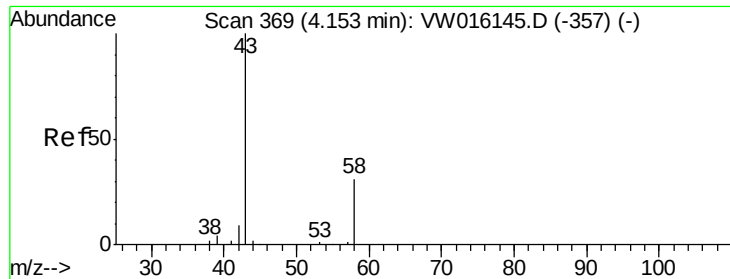
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 13 01:23:48 2020
Response via : Initial Calibration





#13

Acetone

Concen: 38.880 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW016159.D

Acq: 12 Aug 2020 14:37

Instrument :

MSVOA_W

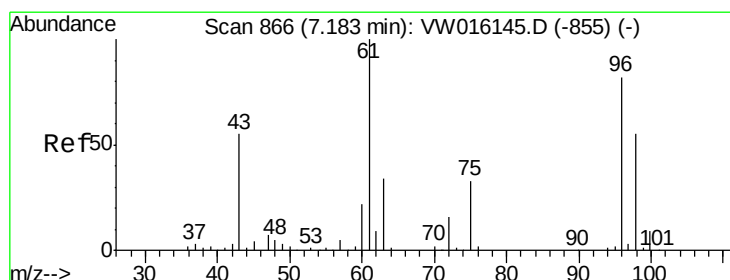
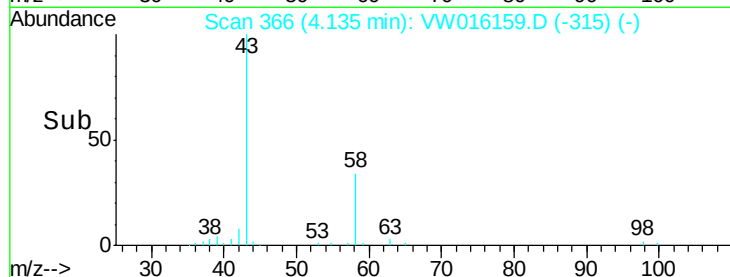
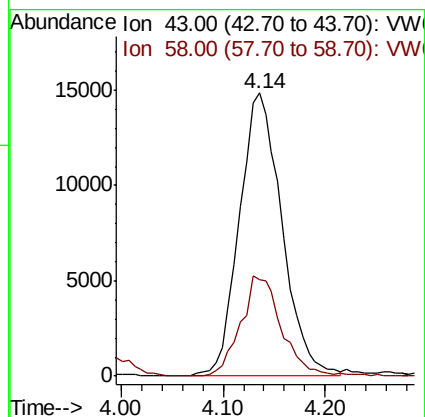
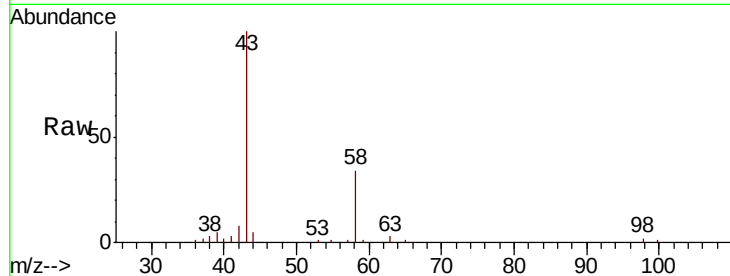
ClientSampleId :

Tot Ion: 43 Resp: 43069

Ion Ratio Lower Upper

43 100

58 34.0 0.0 59.4



#21

2-Butanone

Concen: 2.867 ug/L

RT: 7.20 min Scan# 868

Delta R.T. 0.01 min

Lab File: VW016159.D

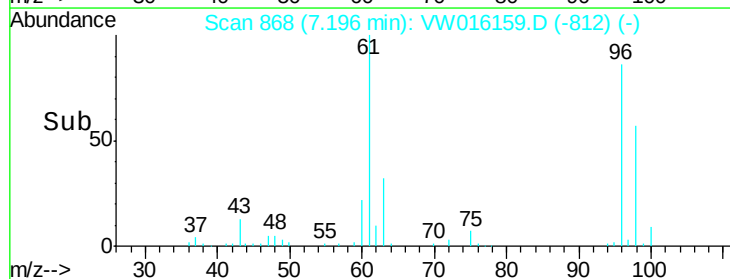
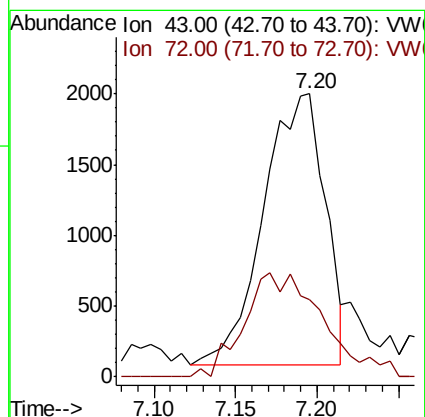
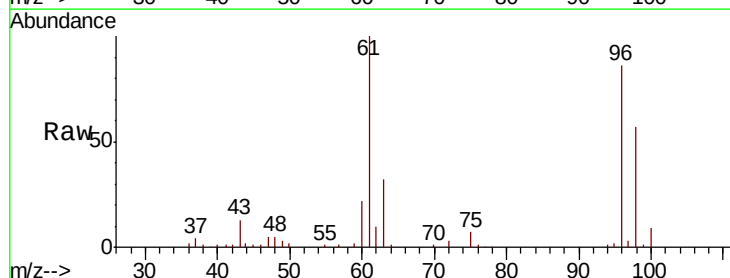
Acq: 12 Aug 2020 14:37

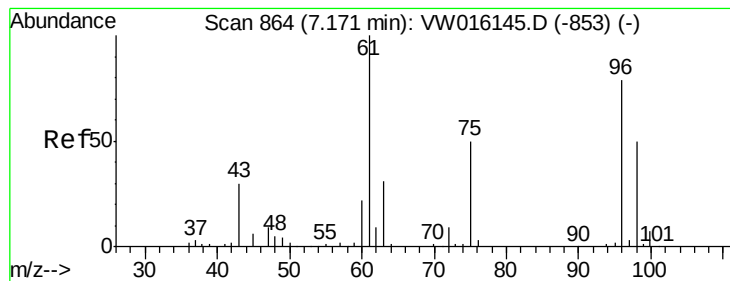
Tgt Ion: 43 Resp: 5034

Ion Ratio Lower Upper

43 100

72 23.4 13.9 41.7





#22

cis-1,2-Dichloroethene

Concen: 17.858 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016159.D

Acq: 12 Aug 2020 14:37

Instrument :

MSVOA_W

ClientSampleId :

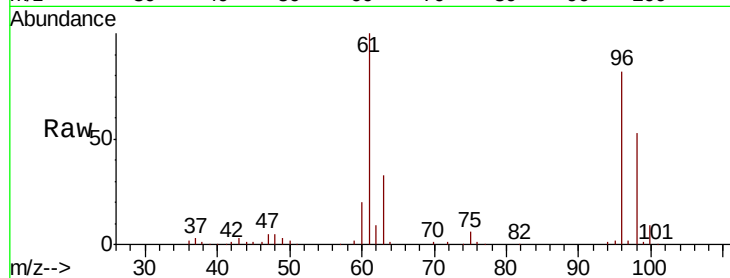
Tot Ion: 96 Resp: 114158

Ion Ratio Lower Upper

96 100

61 122.5 87.0 161.6

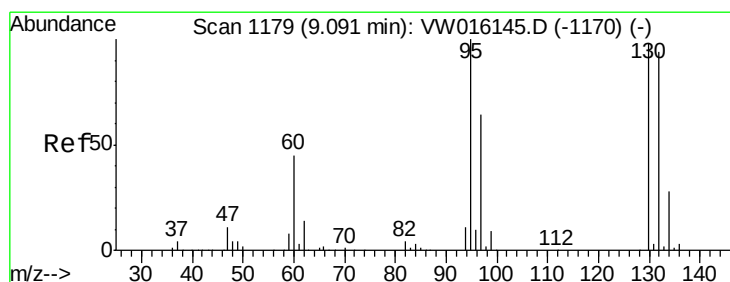
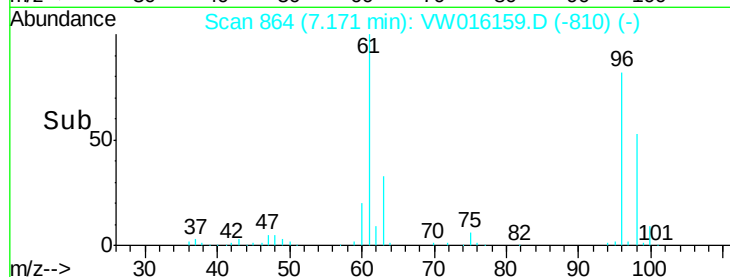
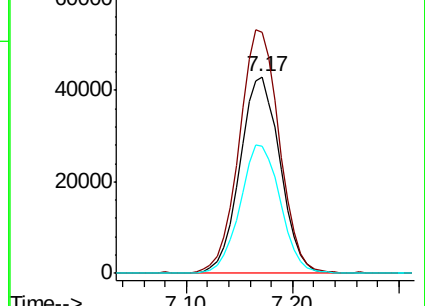
98 65.1 44.0 81.6



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: 7.896 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW016159.D

Acq: 12 Aug 2020 14:37

Tgt Ion: 95 Resp: 50944

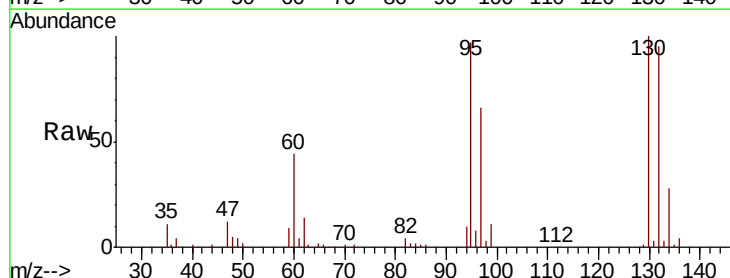
Ion Ratio Lower Upper

95 100

97 65.2 44.9 83.3

132 97.8 65.8 122.2

130 102.1 69.5 129.1

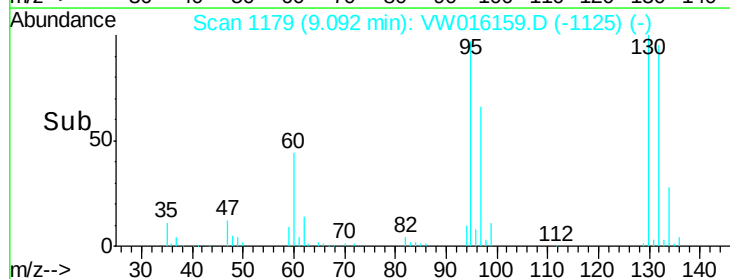
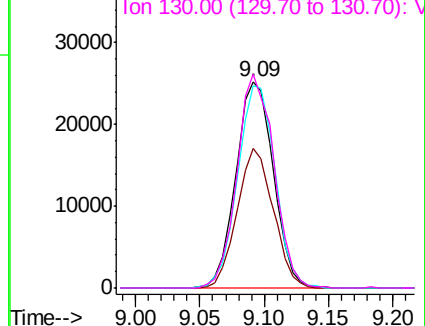


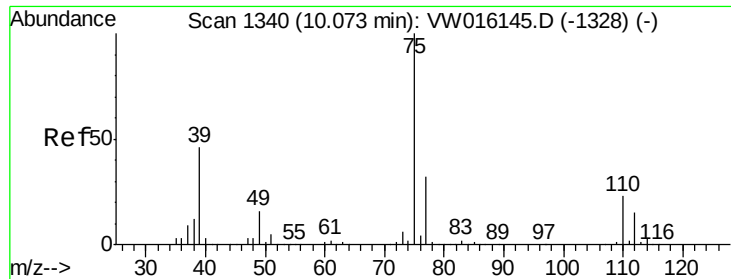
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.489 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016159.D

Acq: 12 Aug 2020 14:37

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 4390

Ion Ratio Lower Upper

75 100

77 49.9 22.9 42.5#

