

Data File : VW011602.D
Acq On : 01 Aug 2019 16:16
Operator : SY/VA
Sample : K4070-27
Misc : 4.41G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB9G0

Quant Time: Aug 02 04:34:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 02 04:30:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	410715	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	366008	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	171438	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	118499	20.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.96%
7) Chloroethane-d5	2.89	69	88640	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.12%
10) 1,1-Dichloroethene-d2	4.02	63	207493	15.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.60%
20) 2-Butanone-d5	7.07	46	99209	38.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.20%
24) Chloroform-d	7.65	84	242718	21.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.08%
26) 1,2-Dichloroethane-d4	8.31	65	148374	22.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.92%
29) Benzene-d6	8.27	84	501494	21.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.16%
33) 1,2-Dichloropropane-d6	9.27	67	164938	22.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.80%
37) Toluene-d8	10.32	98	436037	21.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.40%
38) trans-1,3-Dichloropropene-	10.58	79	64880	19.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.68%
39) 2-Hexanone-d5	10.93	63	66546	38.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	127056	20.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	145290	21.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.96%

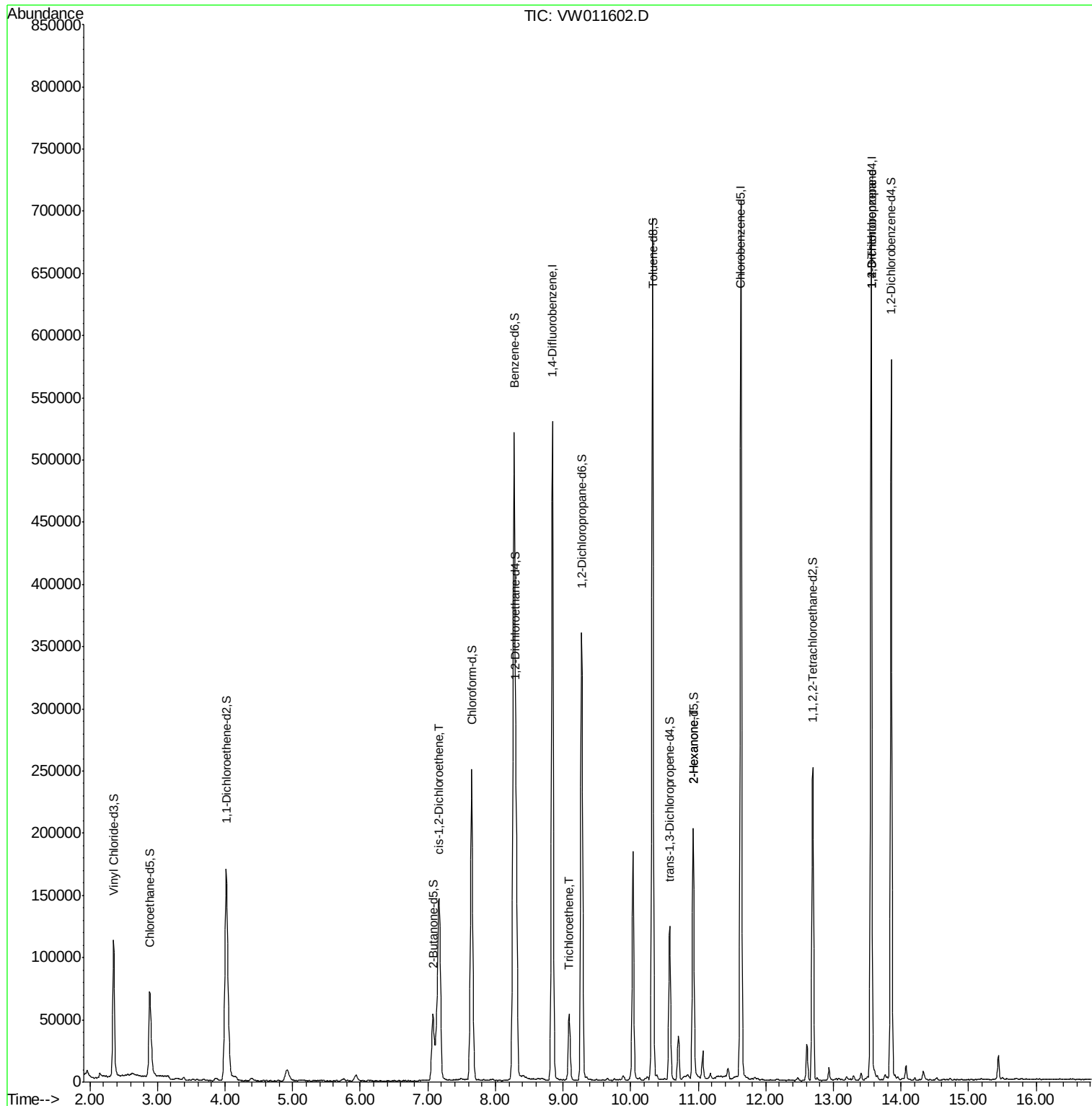
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	7.17	96	76533	12.003	ug/L	96
35) Trichloroethene	9.09	95	17994	2.763	ug/L	98
49) 2-Hexanone	10.93	43	8967	1.876	ug/L #	63
59) 1,2,3-Trichloropropane	13.55	75	23662	4.946	ug/L	95

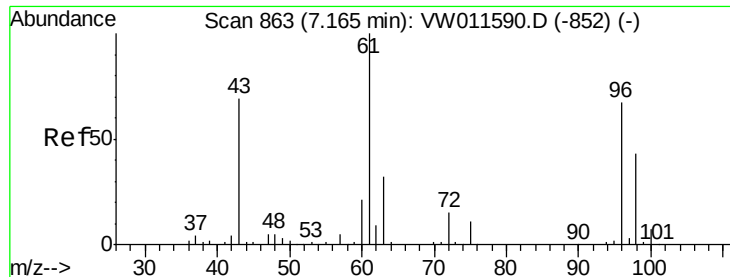
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 12.003 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleID :

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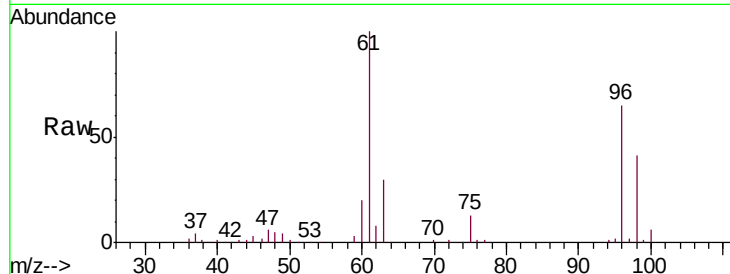
Tgt Ion: 96 Resp: 76533

Ion Ratio Lower Upper

96 100

61 154.9 103.9 192.9

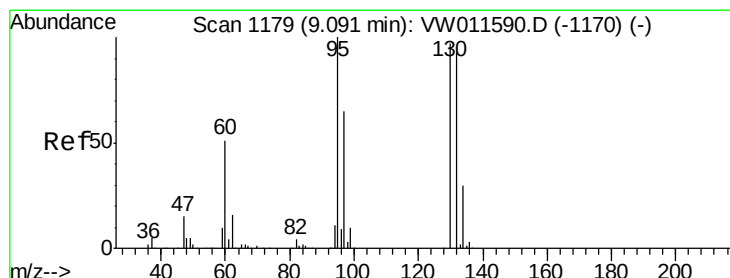
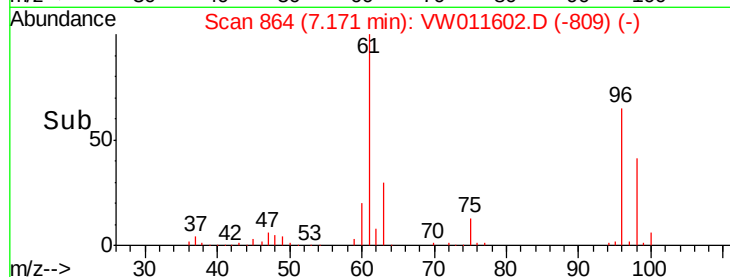
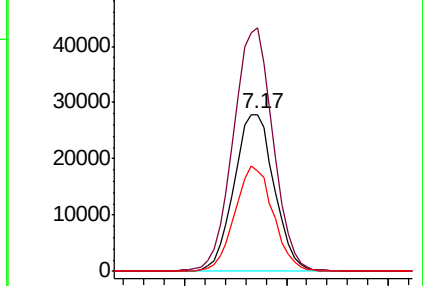
98 64.1 43.5 80.9



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: 2.763 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

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Tgt Ion: 95 Resp: 17994

Ion Ratio Lower Upper

95 100

97 66.8 44.8 83.2

132 92.1 65.0 120.6

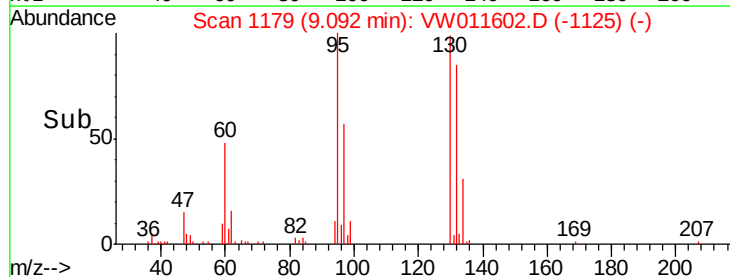
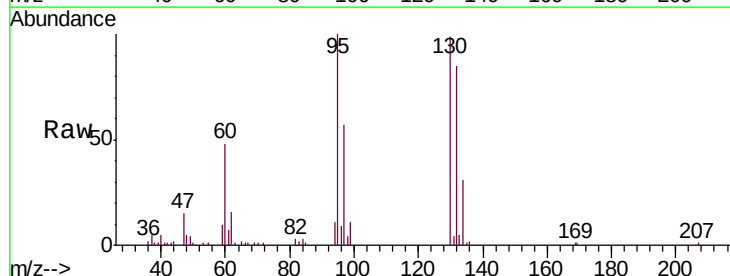
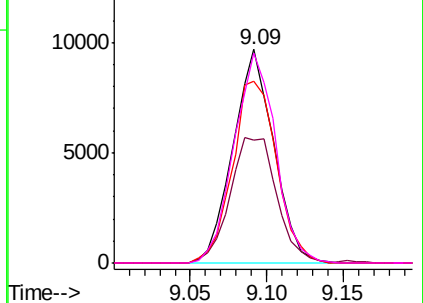
130 100.1 68.0 126.4

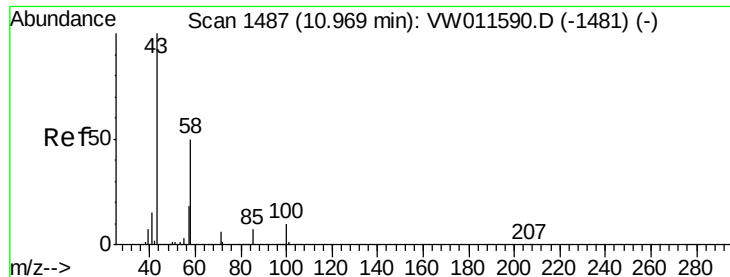
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#49

2-Hexanone

Concen: 1.876 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

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Tgt Ion: 43 Resp: 8967

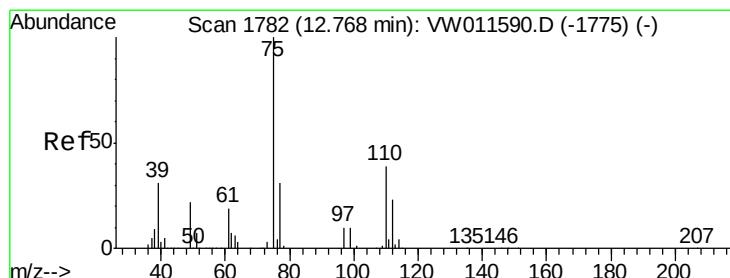
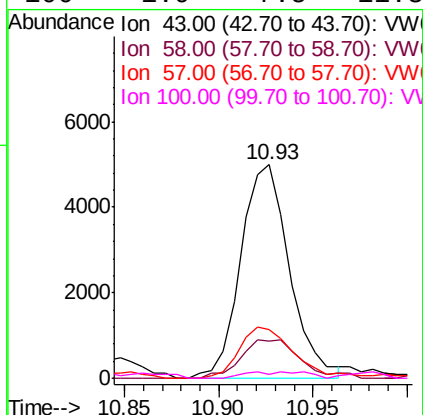
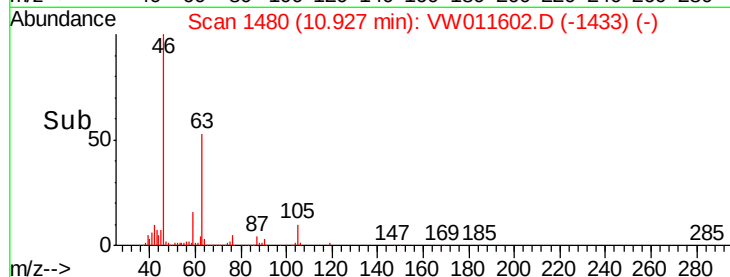
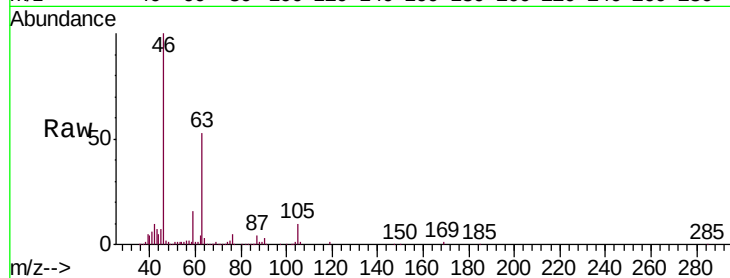
Ion Ratio Lower Upper

43 100

58 20.9 38.6 57.8#

57 0.0 13.0 19.6#

100 1.9 7.5 11.3#



#59

1,2,3-Trichloropropane

Concen: 4.946 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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Tgt Ion: 75 Resp: 23662

Ion Ratio Lower Upper

75 100

77 33.9 25.1 37.7

