

Data File : VW011631.D
Acq On : 02 Aug 2019 18:45
Operator : SY/VA
Sample : K4117-09
Misc : 5.86G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLLF7

Quant Time: Aug 03 02:27:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 03 02:22:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	360882	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	324448	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	148691	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	102535	20.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.72%
7) Chloroethane-d5	2.89	69	78349	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.64%
10) 1,1-Dichloroethene-d2	4.02	63	180600	15.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.00%
20) 2-Butanone-d5	7.07	46	86269	37.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.40%
24) Chloroform-d	7.65	84	223529	22.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	8.30	65	133297	22.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.92%
29) Benzene-d6	8.27	84	454967	22.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.20%
33) 1,2-Dichloropropane-d6	9.27	67	151876	23.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.24%
37) Toluene-d8	10.32	98	394778	21.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.20%
38) trans-1,3-Dichloropropene-	10.58	79	58373	20.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.88%
39) 2-Hexanone-d5	10.93	63	55904	36.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114131	20.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	132637	23.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.60%

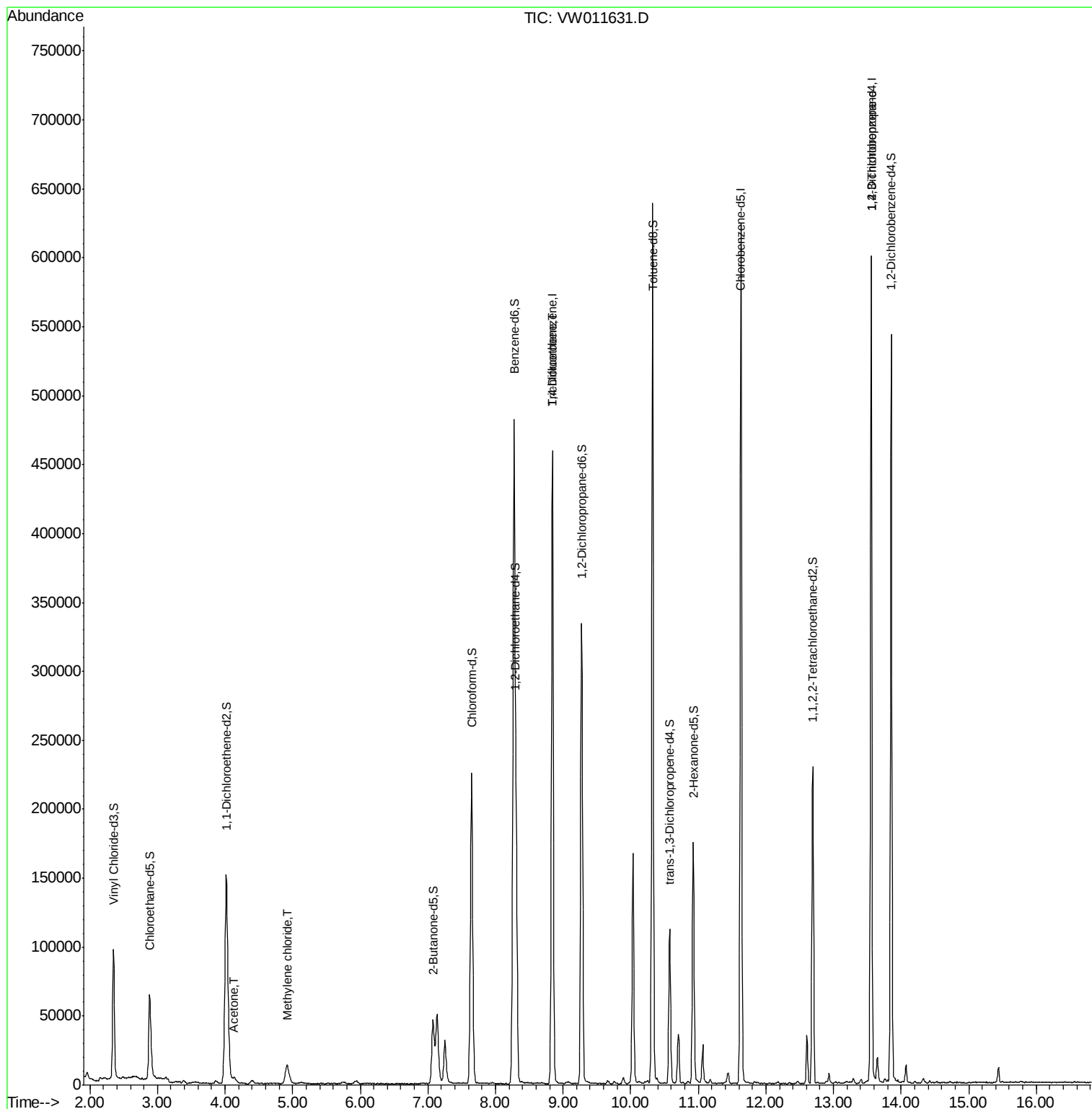
Target Compounds					Qvalue
13) Acetone	4.12	43	5386	2.198 ug/L	100
16) Methylene chloride	4.92	84	10667	1.894 ug/L	88
35) Trichloroethene	8.84	95	11564	2.003 ug/L #	6
59) 1,2,3-Trichloropropane	13.56	75	20033	4.724 ug/L	89

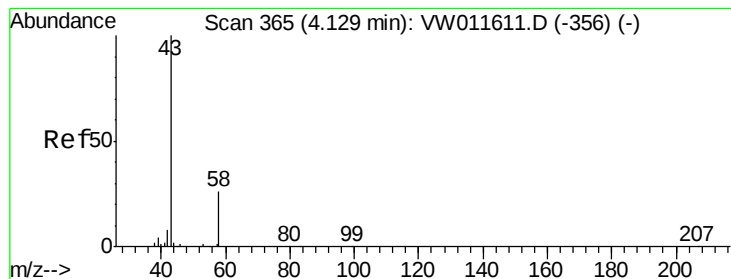
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.198 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

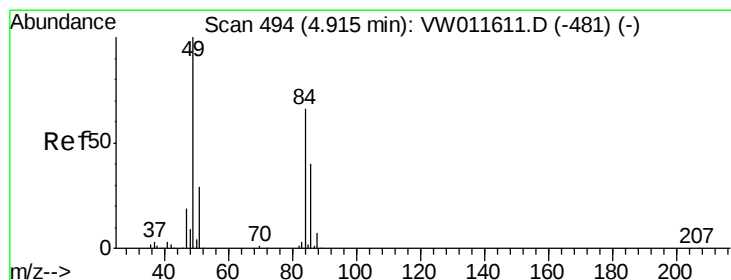
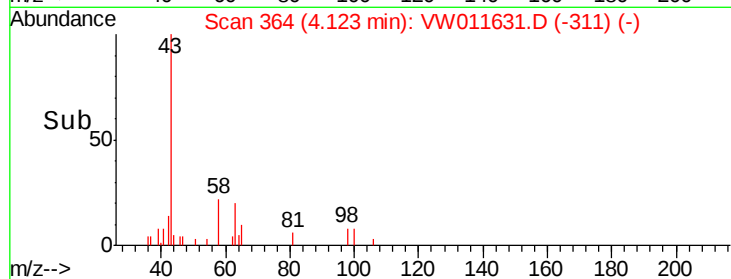
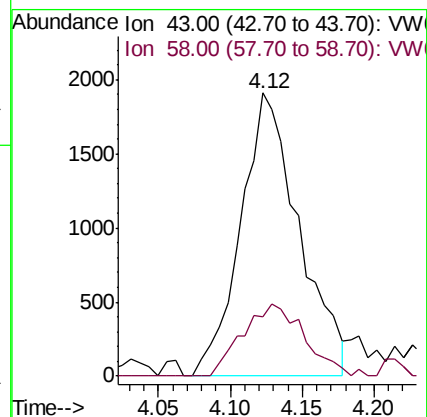
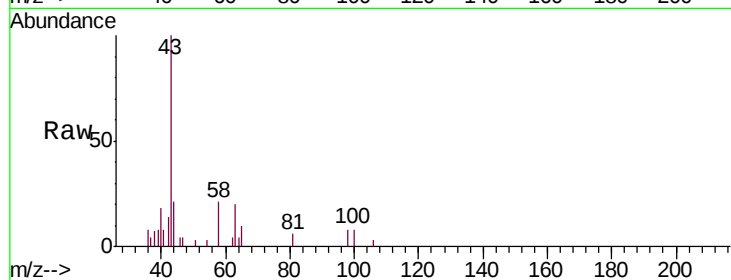
JLLF7

Tgt Ion: 43 Resp: 5386

Ion Ratio Lower Upper

43 100

58 26.9 0.0 53.4



#16

Methylene chloride

Concen: 1.894 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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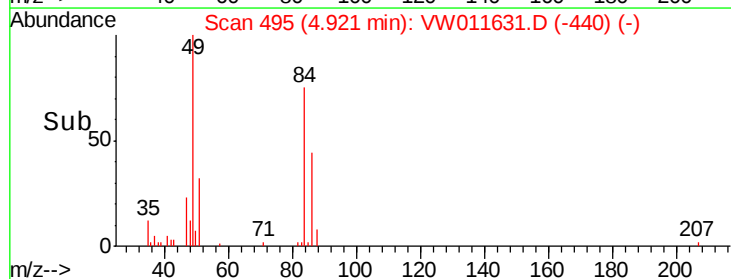
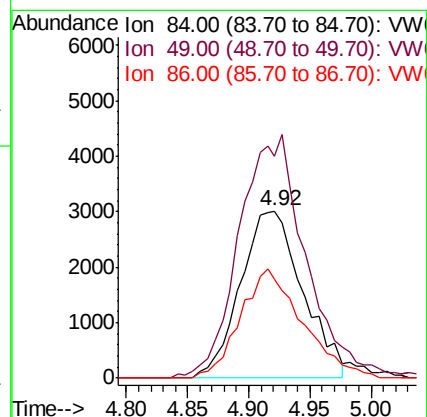
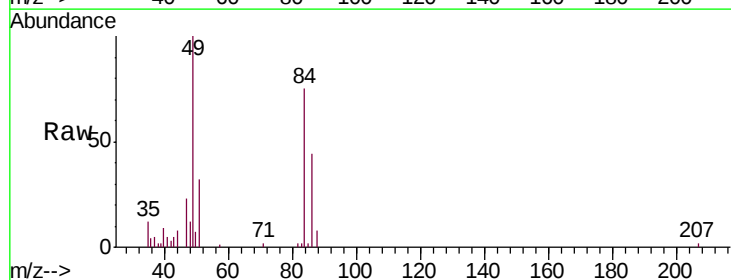
Tgt Ion: 84 Resp: 10667

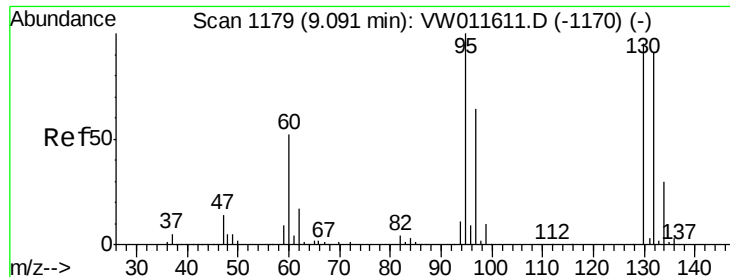
Ion Ratio Lower Upper

84 100

49 132.5 106.8 198.4

86 58.9 42.8 79.4





#35

Trichloroethene

Concen: 2.003 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Acq: 02 Aug 2019 18:45

Instrument :

MSVOA_W

ClientSampleId :

JLLF7

Tgt Ion: 95 Resp: 11564

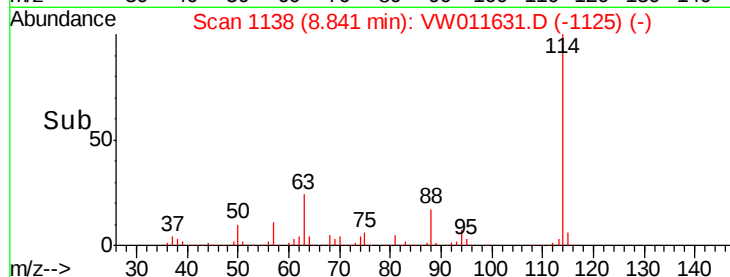
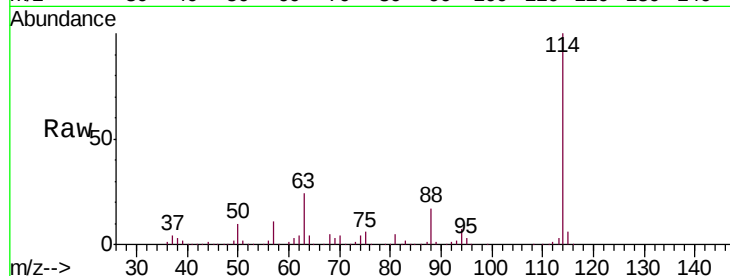
Ion Ratio Lower Upper

95 100

97 0.0 44.8 83.2#

132 0.0 65.0 120.6#

130 0.0 68.0 126.4#

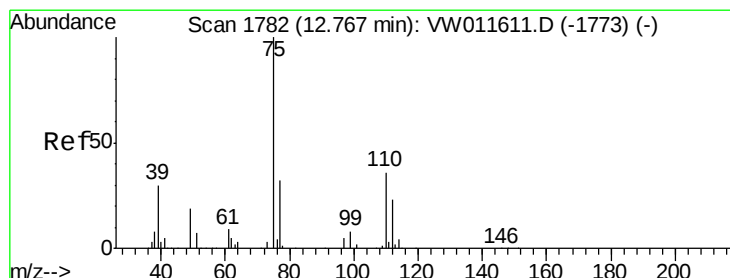
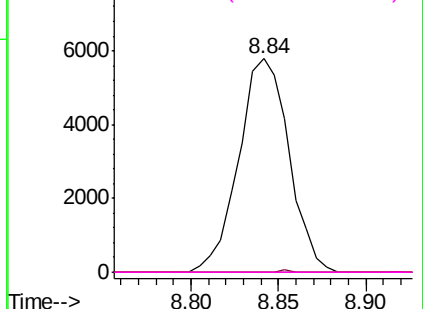


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#59

1,2,3-Trichloropropane

Concen: 4.724 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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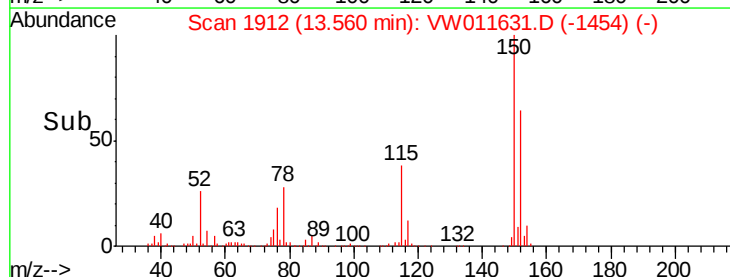
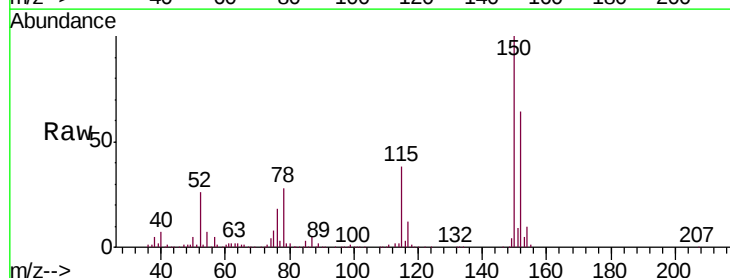
Acq: 02 Aug 2019 18:45

Tgt Ion: 75 Resp: 20033

Ion Ratio Lower Upper

75 100

77 37.2 25.1 37.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

