

Data File : VW011195.D
Acq On : 10 Jul 2019 15:22
Operator : SY/VA
Sample : K3724-11
Misc : 5.74G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8T7

Quant Time: Jul 11 05:42:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 11 05:38:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	274767	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	255534	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	118979	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	70815	16.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.52%
7) Chloroethane-d5	2.89	69	54696	18.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.32%
10) 1,1-Dichloroethene-d2	4.02	63	129116	14.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.12%
20) 2-Butanone-d5	7.07	46	97362	58.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.82%
24) Chloroform-d	7.65	84	170450	22.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.52%
26) 1,2-Dichloroethane-d4	8.30	65	117839	25.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.64%
29) Benzene-d6	8.27	84	345483	21.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.80%
33) 1,2-Dichloropropane-d6	9.27	67	120527	23.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.04%
37) Toluene-d8	10.32	98	303801	21.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.64%
38) trans-1,3-Dichloropropene-	10.58	79	48249	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.52%
39) 2-Hexanone-d5	10.93	63	61912	52.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113357	26.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	111957	24.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.04%

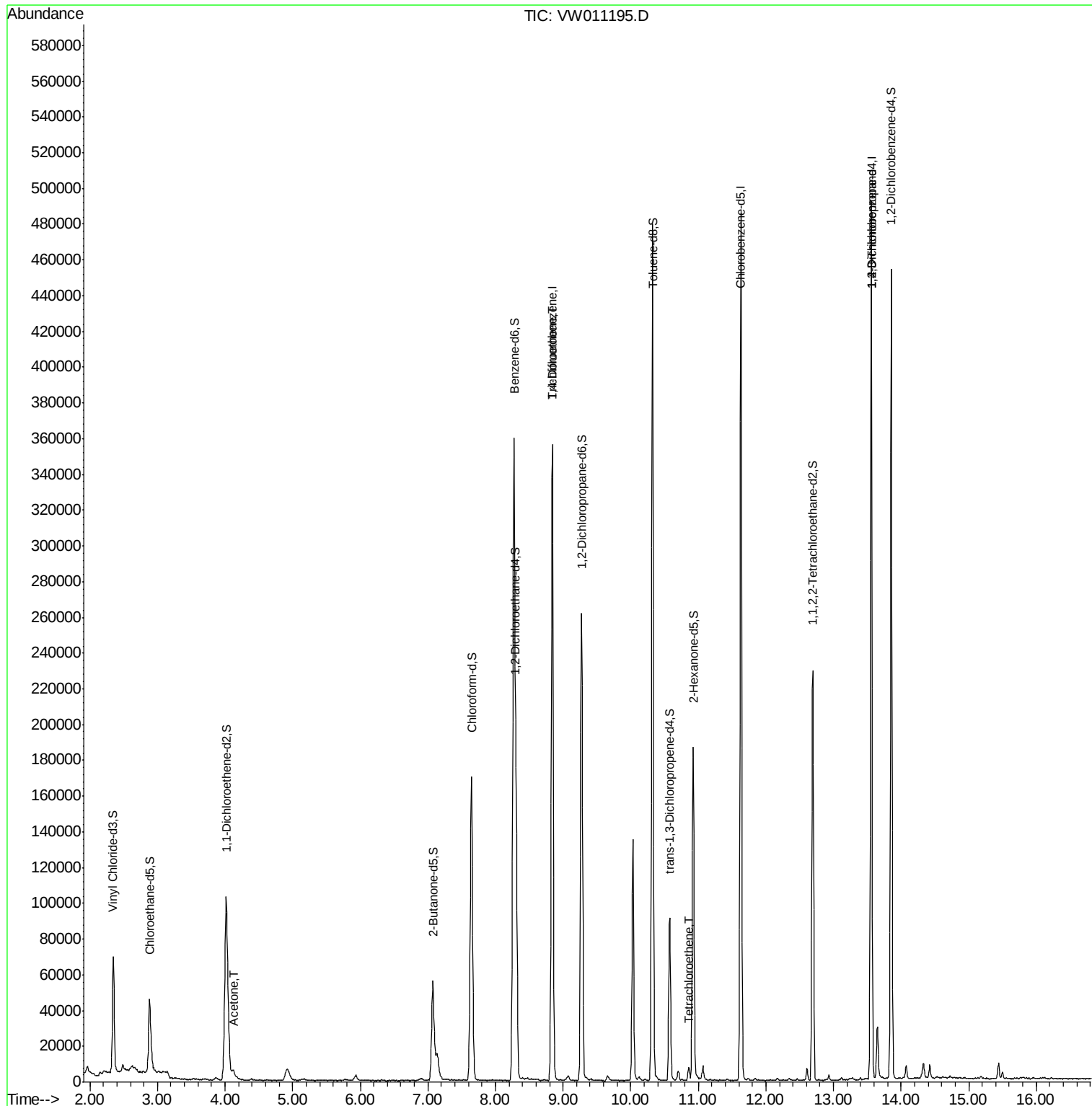
Target Compounds					Qvalue
13) Acetone	4.13	43	8155	5.052 ug/L	99
35) Trichloroethene	8.84	95	8855	2.197 ug/L #	6
47) Tetrachloroethene	10.86	164	1577	0.518 ug/L	97
59) 1,2,3-Trichloropropane	13.56	75	16492	5.327 ug/L	90

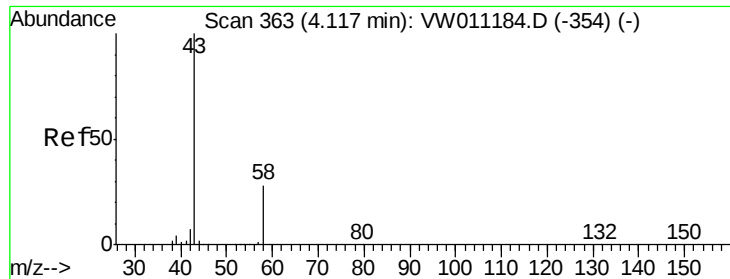
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.052 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Acq: 10 Jul 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

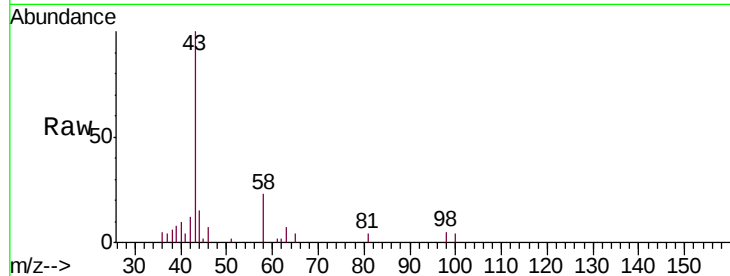
DB8T7

Tgt Ion: 43 Resp: 8155

Ion Ratio Lower Upper

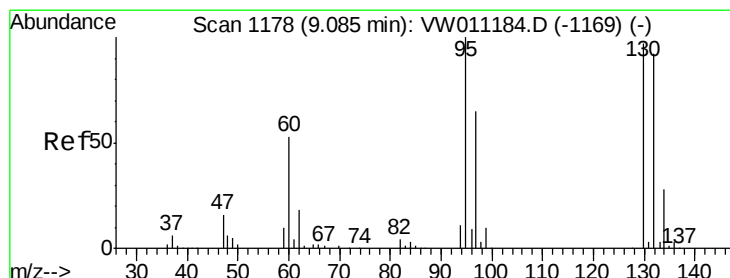
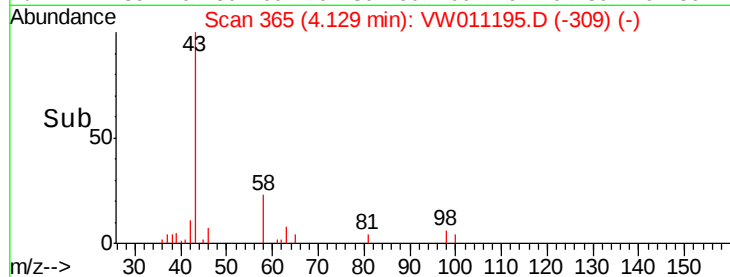
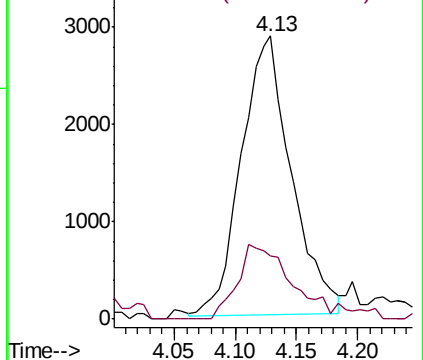
43 100

58 26.9 0.0 55.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#35

Trichloroethene

Concen: 2.197 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

Lab File: VW011195.D

Acq: 10 Jul 2019 15:22

Tgt Ion: 95 Resp: 8855

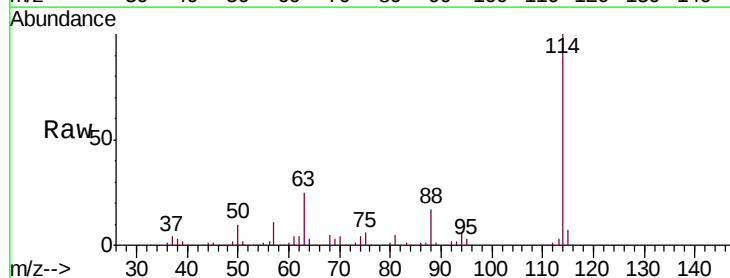
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 65.0 120.8#

130 0.7 67.8 126.0#

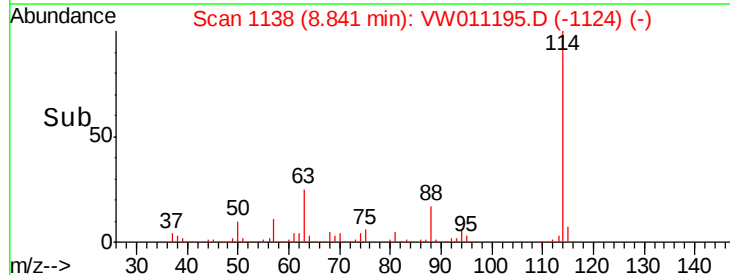
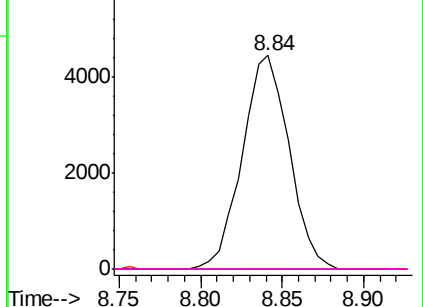


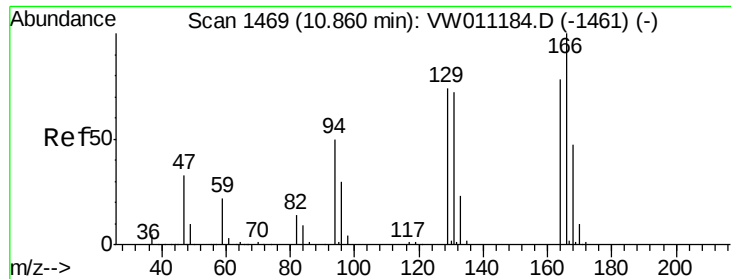
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#47

Tetrachloroethene

Concen: 0.518 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

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Acq: 10 Jul 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

DB8T7

Tgt Ion:164 Resp: 1577

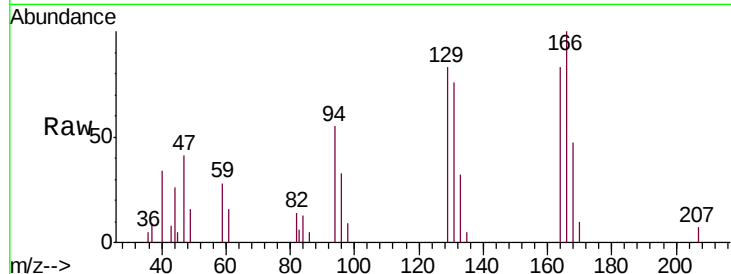
Ion Ratio Lower Upper

164 100

129 100.8 68.5 127.1

131 92.0 64.8 120.4

166 120.9 87.9 163.3

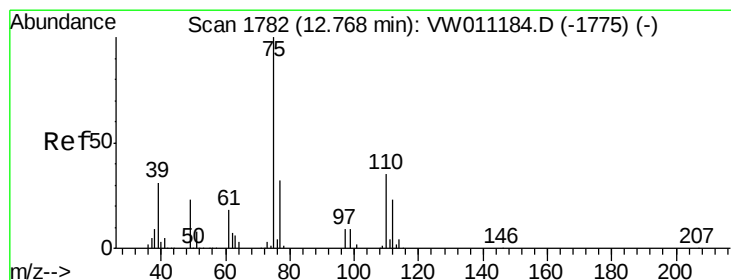
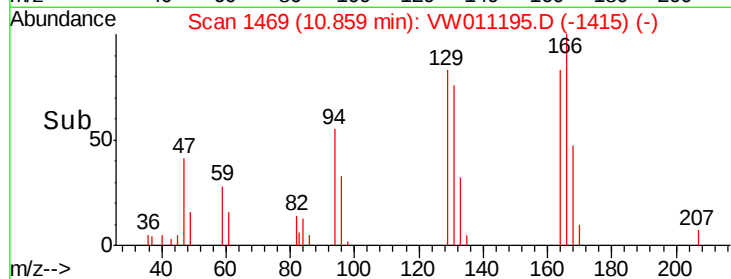
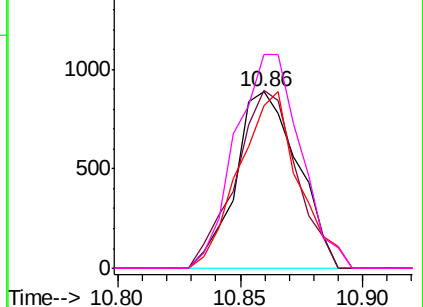


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 5.327 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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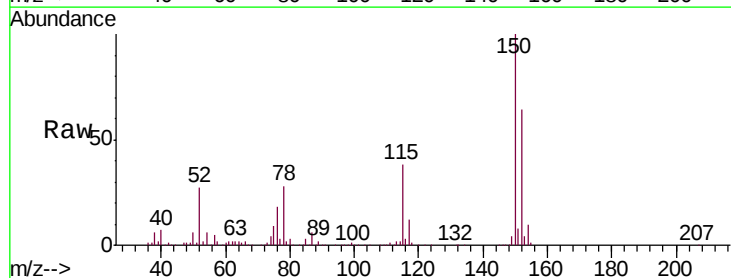
Acq: 10 Jul 2019 15:22

Tgt Ion: 75 Resp: 16492

Ion Ratio Lower Upper

75 100

77 37.0 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

