

Data File : VW011311.D
Acq On : 17 Jul 2019 16:16
Operator : SY/VA
Sample : K3755-16
Misc : 4.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB921

Quant Time: Jul 18 05:00:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 18 04:56:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	262940	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	237860	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	110542	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	57277	14.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.08%
7) Chloroethane-d5	2.89	69	47149	16.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.96%
10) 1,1-Dichloroethene-d2	4.01	63	112357	13.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.84%
20) 2-Butanone-d5	7.07	46	79052	49.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.96%
24) Chloroform-d	7.65	84	155563	21.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.32%
26) 1,2-Dichloroethane-d4	8.31	65	98761	22.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.00%
29) Benzene-d6	8.27	84	305517	20.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.40%
33) 1,2-Dichloropropane-d6	9.27	67	106756	22.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.48%
37) Toluene-d8	10.32	98	263510	20.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.72%
38) trans-1,3-Dichloropropene-	10.58	79	38526	18.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.96%
39) 2-Hexanone-d5	10.93	63	48839	44.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	95149	24.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	97034	22.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.48%

Target Compounds

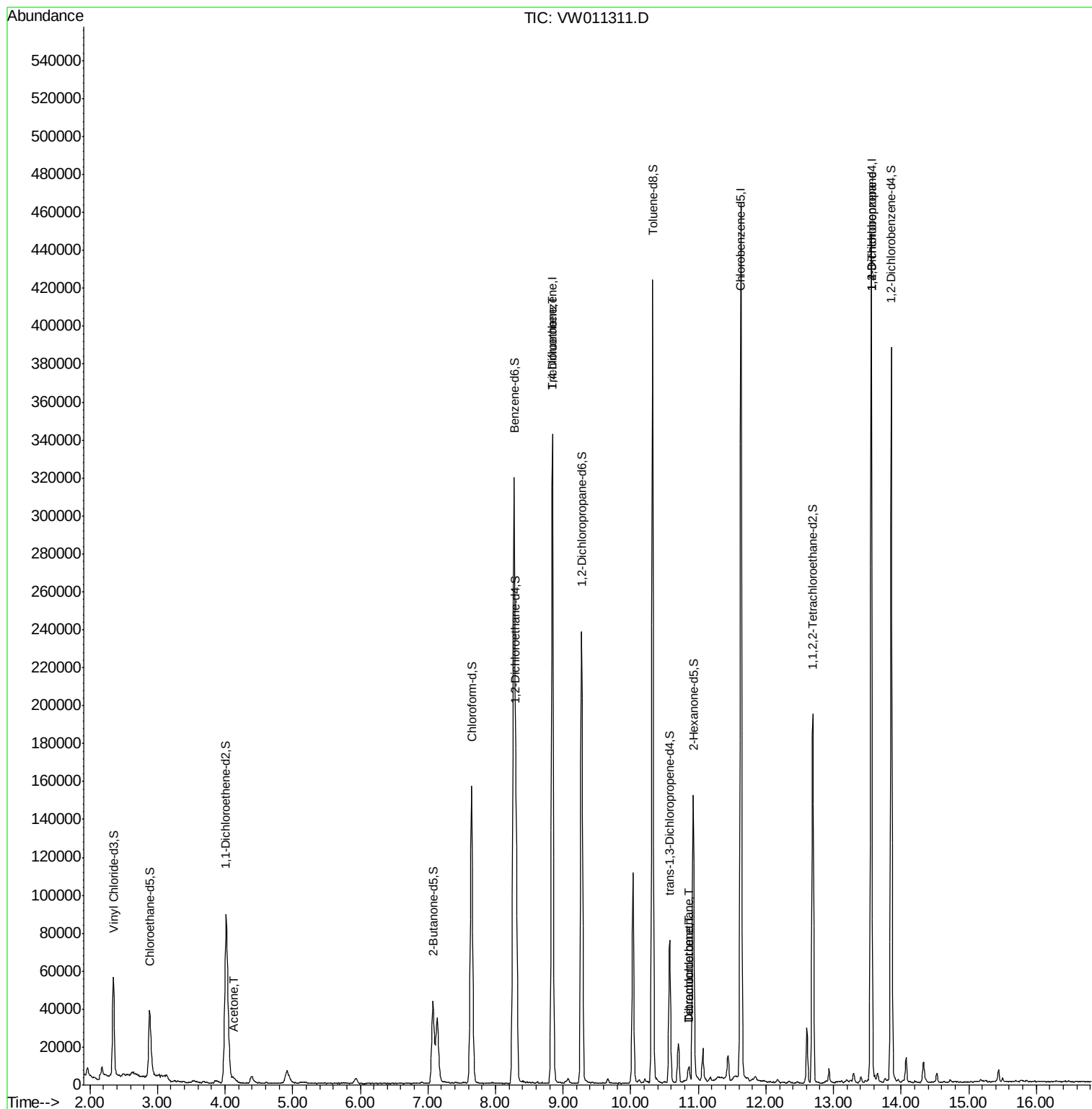
					Qvalue
13) Acetone	4.12	43	3608	2.336 ug/L	77
35) Trichloroethene	8.84	95	8240	2.196 ug/L #	6
47) Tetrachloroethene	10.86	164	1736	0.612 ug/L	86
50) Dibromochloromethane	10.87	129	1620	0.539 ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	15199	5.274 ug/L	91

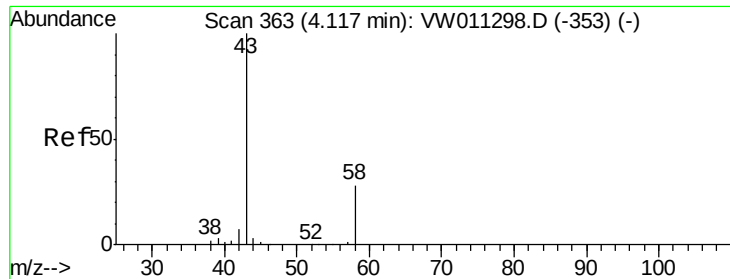
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.336 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 17 Jul 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

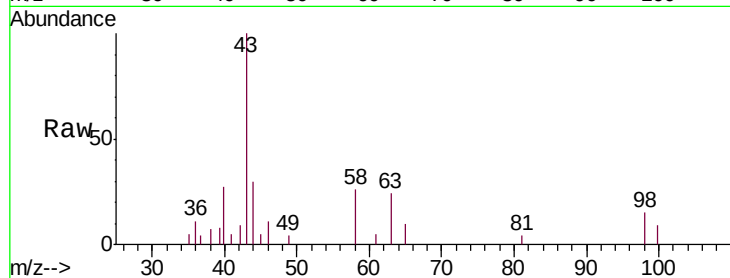
DB921

Tgt Ion: 43 Resp: 3608

Ion Ratio Lower Upper

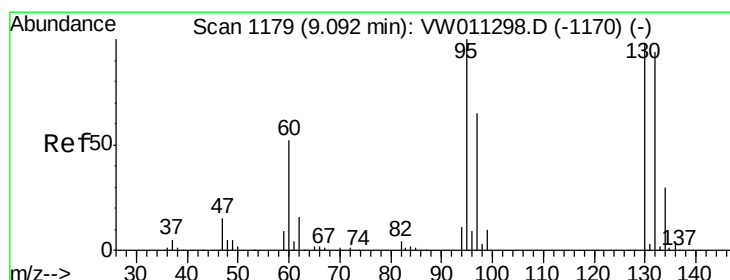
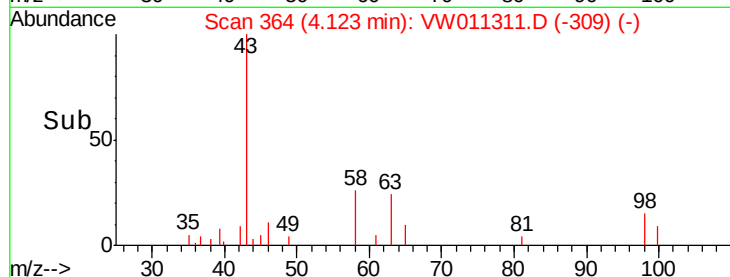
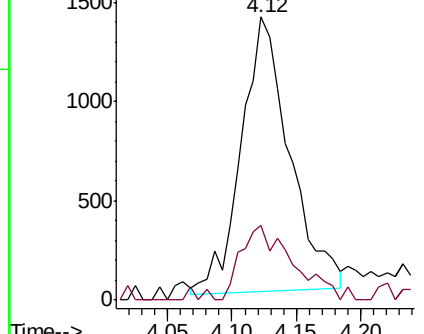
43 100

58 15.6 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: 2.196 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Acq: 17 Jul 2019 16:16

Tgt Ion: 95 Resp: 8240

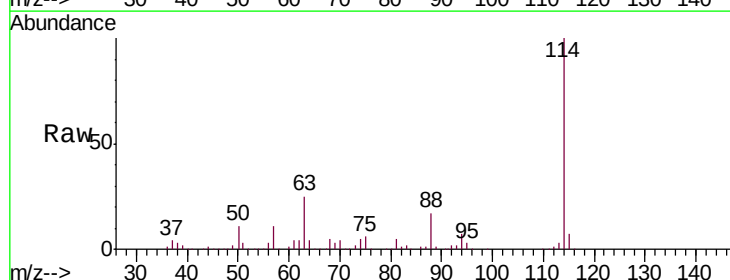
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 65.0 120.8#

130 0.0 67.8 126.0#

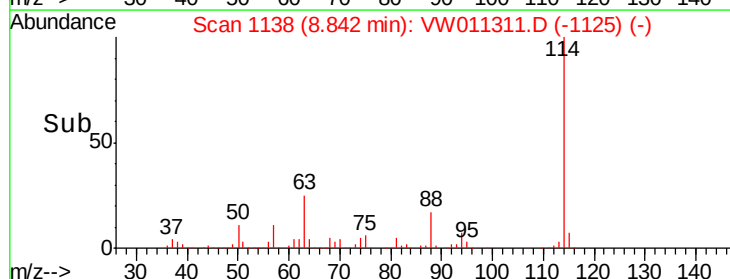
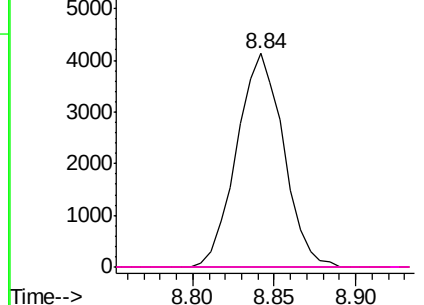


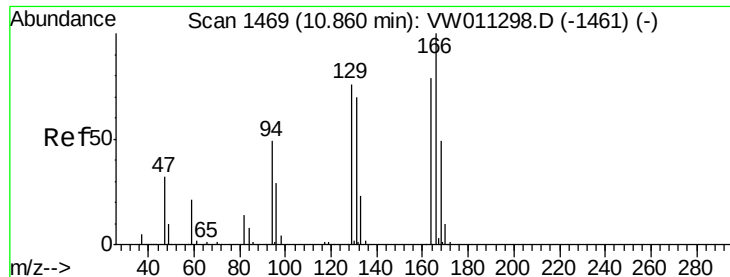
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 0.612 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

DB921

Tgt Ion:164 Resp: 1736

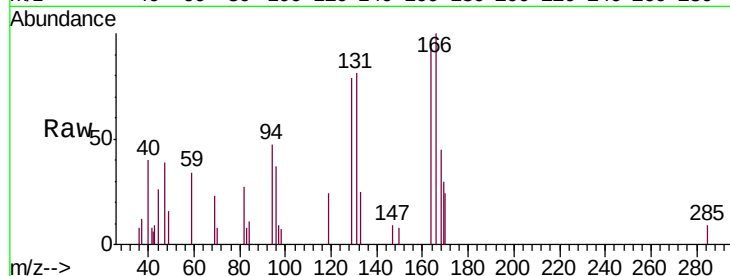
Ion Ratio Lower Upper

164 100

129 82.9 68.5 127.1

131 85.1 64.8 120.4

166 105.5 87.9 163.3

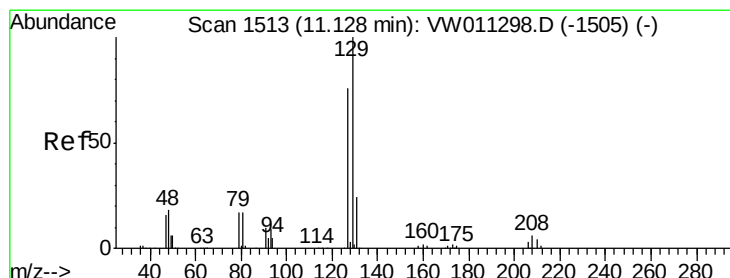
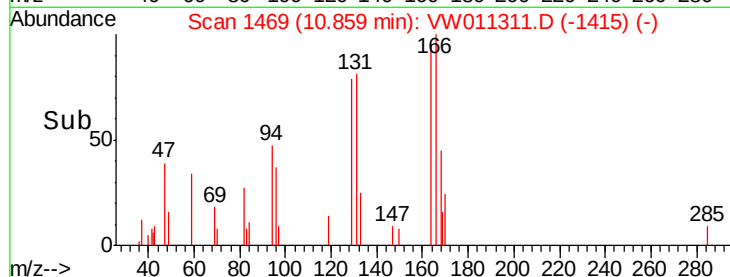
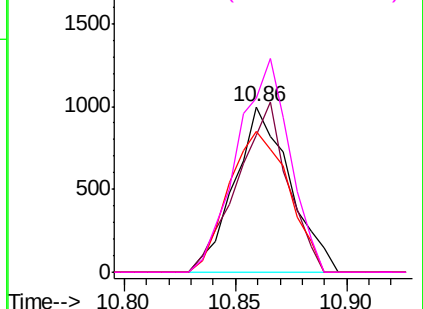


Abundance Ion 164.00 (163.70 to 164.70): V

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



#50

Dibromochloromethane

Concen: 0.539 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

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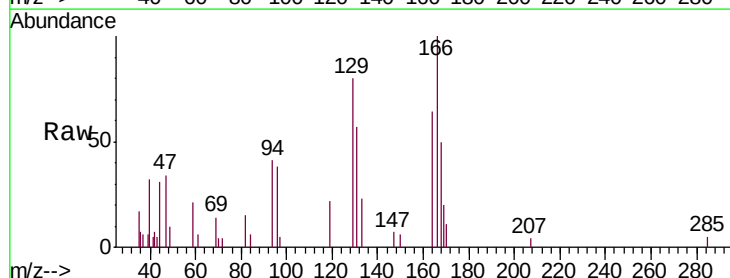
Acq: 17 Jul 2019 16:16

Tgt Ion:129 Resp: 1620

Ion Ratio Lower Upper

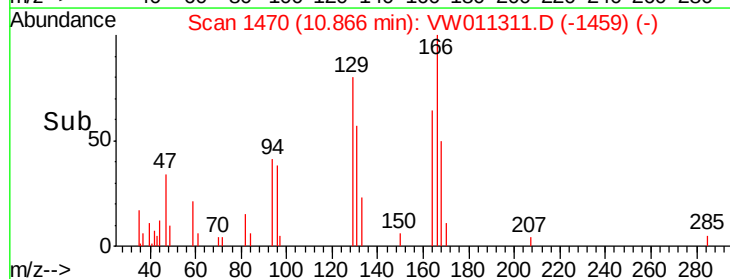
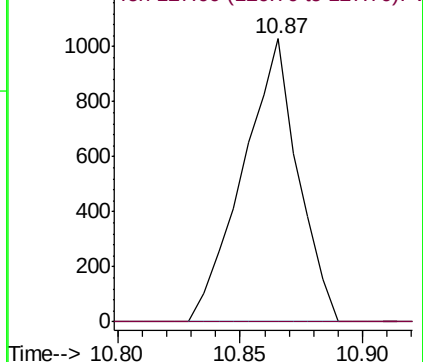
129 100

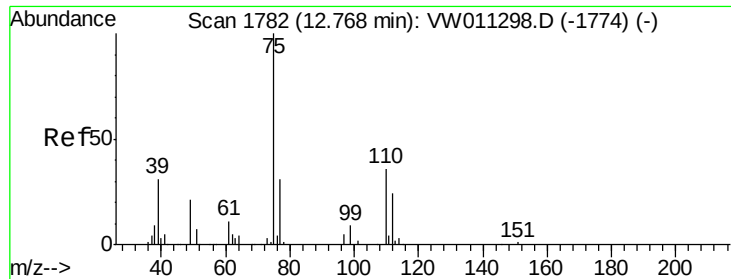
127 0.0 53.3 99.1#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 5.274 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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Instrument :

MSVOA_W

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Tgt Ion: 75 Resp: 15199

Ion Ratio Lower Upper

75 100

77 36.7 25.4 38.0

