

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122718\
 Data File : VW007947.D
 Acq On : 27 Dec 2018 03:44
 Operator : SY/AP
 Sample : J6506-11
 Misc : 6.20G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF054

Quant Time: Dec 27 07:29:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 27 03:06:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	72664	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	55359	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	15320	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	19248	26.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.52%
7) Chloroethane-d5	2.89	69	12562	26.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.16%
10) 1,1-Dichloroethene-d2	4.01	63	36798	18.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.92%
20) 2-Butanone-d5	7.07	46	9944	32.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.12%
24) Chloroform-d	7.65	84	49092	25.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.56%
26) 1,2-Dichloroethane-d4	8.31	65	29649	25.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.32%
29) Benzene-d6	8.27	84	90577	29.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.68%
33) 1,2-Dichloropropane-d6	9.27	67	24912	29.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.00%
37) Toluene-d8	10.32	98	76630	25.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.32%
38) trans-1,3-Dichloropropene-	10.58	79	12462	25.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.80%
39) 2-Hexanone-d5	10.93	63	8416	38.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	17328	21.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	14143	22.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.44%

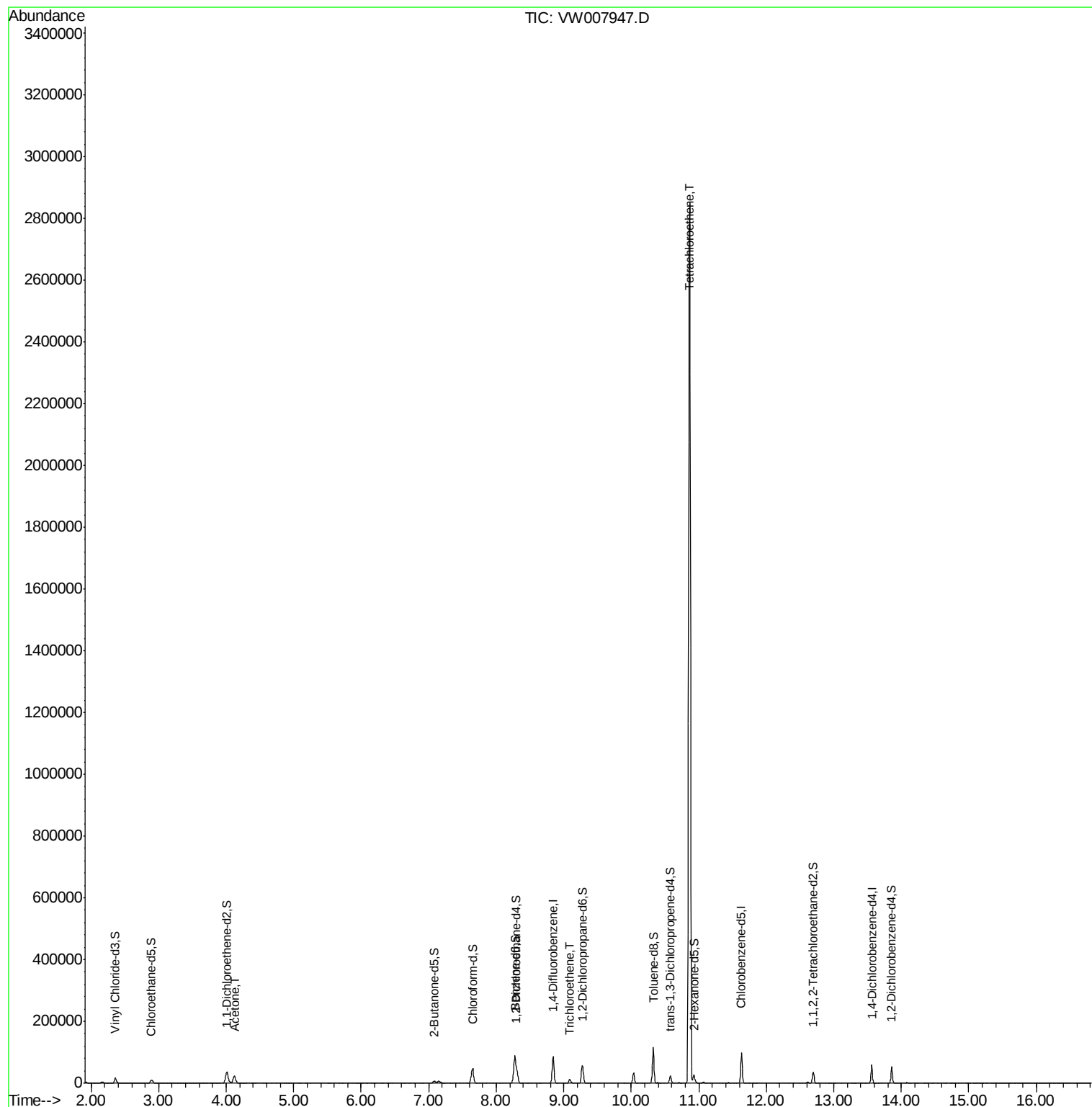
Target Compounds					Ovalue
13) Acetone	4.12	43	39212	131.416 ug/L	98
35) Trichloroethene	9.09	95	4317	5.016 ug/L	99
47) Tetrachloroethene	10.87	164	628943	919.753 ug/L	96

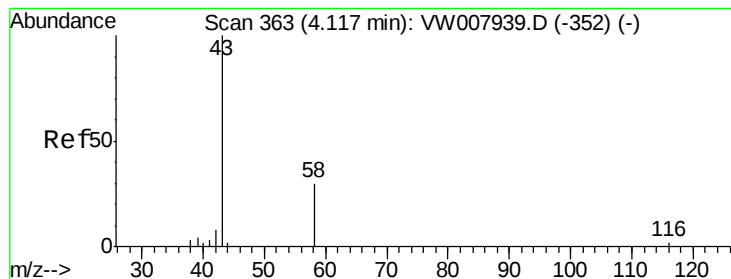
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 131.416 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 27 Dec 2018 03:44

Instrument :

MSVOA_W

ClientSampleId :

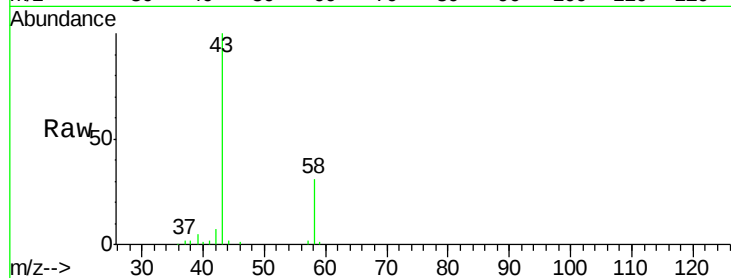
BF054

Tot Ion: 43 Resp: 39212

Ion Ratio Lower Upper

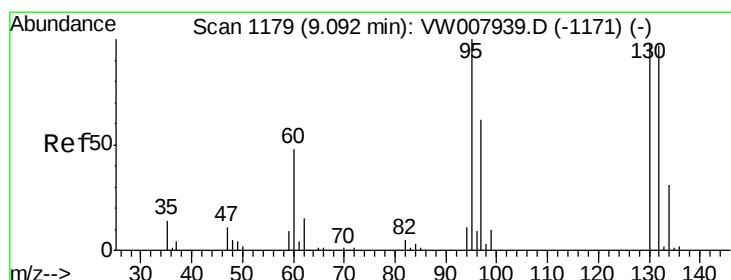
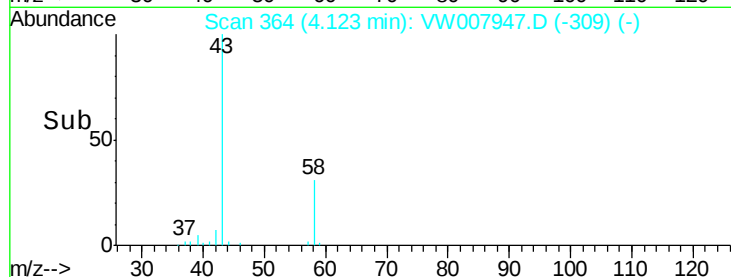
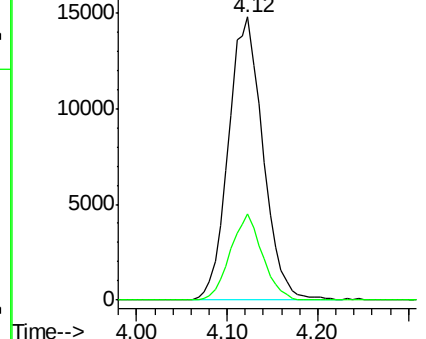
43 100

58 28.1 0.0 58.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#35

Trichloroethene

Concen: 5.016 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW007947.D

Acq: 27 Dec 2018 03:44

Tgt Ion: 95 Resp: 4317

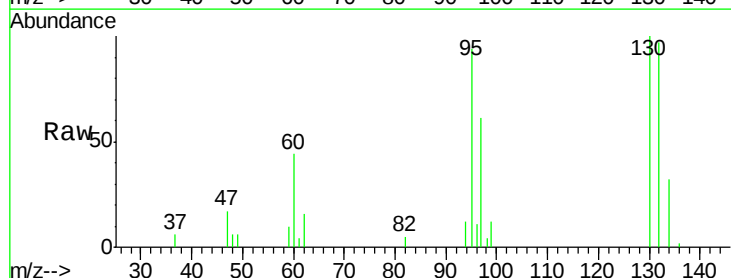
Ion Ratio Lower Upper

95 100

97 64.1 44.4 82.5

132 96.9 67.8 126.0

130 98.8 70.3 130.7

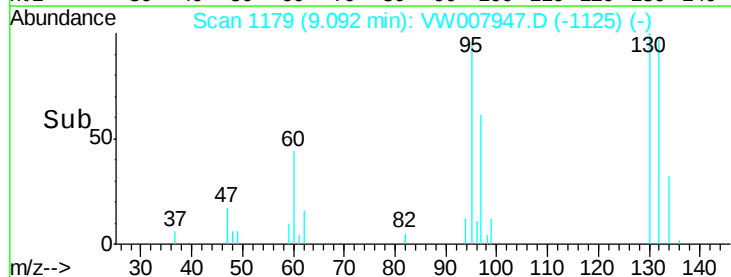
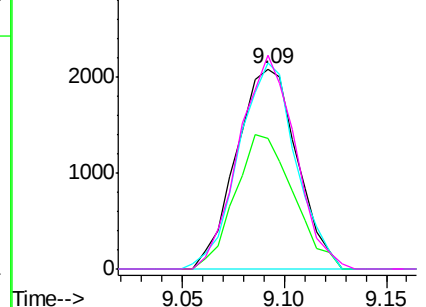


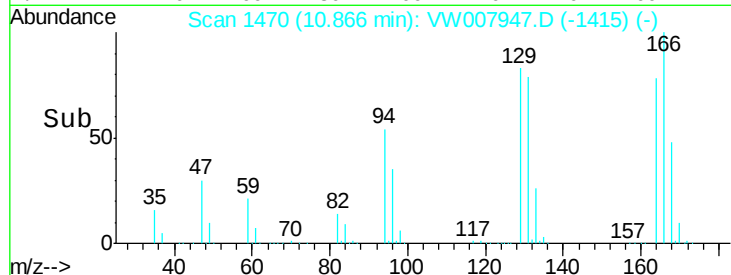
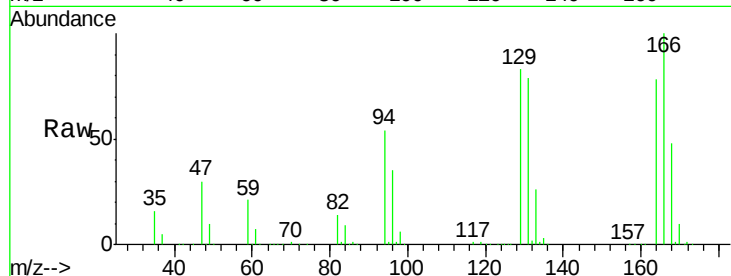
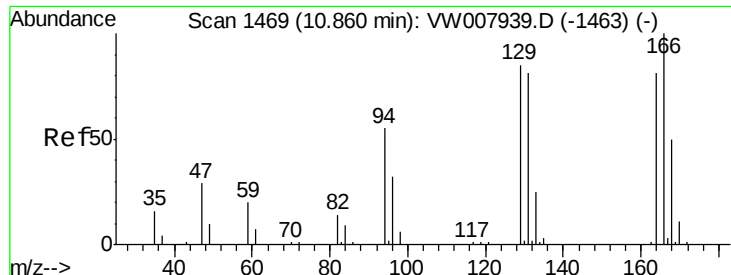
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 919.753 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

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ClientSampleId :

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Tot Ion:164 Resp: 628943

Ion Ratio Lower Upper

164 100

129 105.5 70.6 131.2

131 101.2 66.5 123.5

166 127.8 87.7 162.9

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

