

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
 Data File : VW009599.D
 Acq On : 30 Mar 2019 19:22
 Operator : SY/VA
 Sample : K2167-14
 Misc : 5.14G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF115

Quant Time: Mar 30 22:16:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 21:16:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	414824	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	393843	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	155635	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	151556	30.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.28%
7) Chloroethane-d5	2.89	69	147292	25.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.56%
10) 1,1-Dichloroethene-d2	4.01	63	220720	20.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.40%
20) 2-Butanone-d5	7.08	46	107486	52.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.86%
24) Chloroform-d	7.64	84	299941	26.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	8.30	65	192404	28.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.84%
29) Benzene-d6	8.27	84	568306	26.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.64%
33) 1,2-Dichloropropane-d6	9.27	67	174874	26.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.24%
37) Toluene-d8	10.32	98	487889	24.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.16%
38) trans-1,3-Dichloropropene-	10.58	79	74034	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.40%
39) 2-Hexanone-d5	10.93	63	79960	50.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	164337	25.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	156042	26.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.60%

Target Compounds

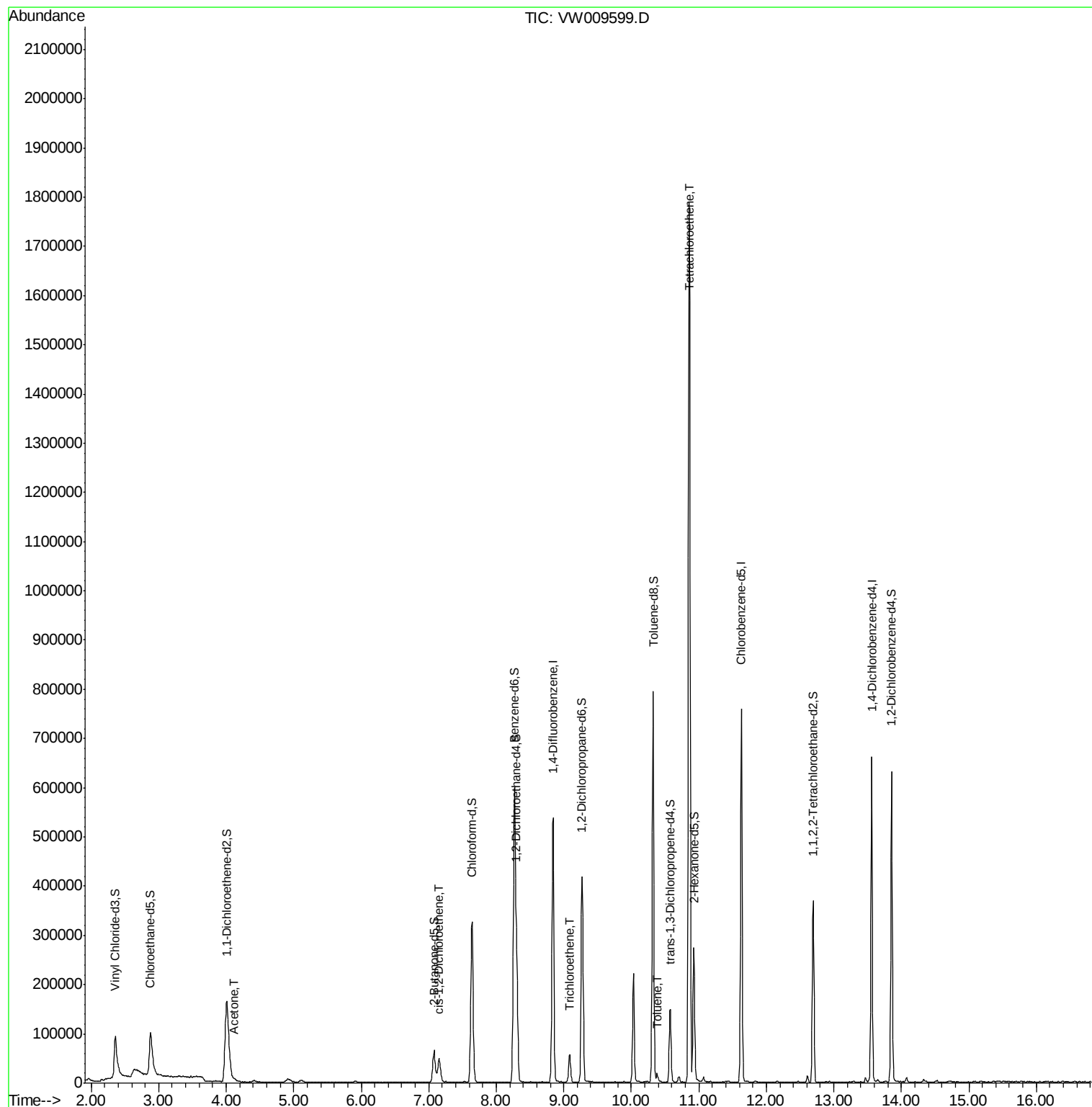
					Qvalue
13) Acetone	4.12	43	5782	3.439 ug/L	83
22) cis-1,2-Dichloroethene	7.16	96	6957	1.196 ug/L	88
35) Trichloroethene	9.09	95	18148	3.159 ug/L	98
44) Toluene	10.38	91	11314	0.480 ug/L	95
47) Tetrachloroethene	10.86	164	370748	76.389 ug/L	98

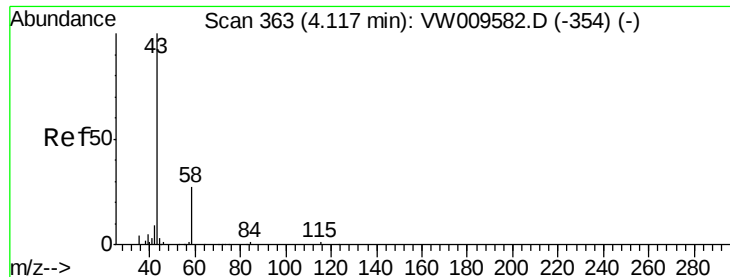
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.439 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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MSVOA_W

ClientSampleId :

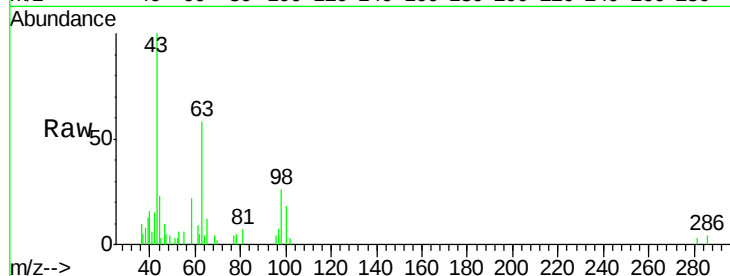
BF115

Tgt Ion: 43 Resp: 5782

Ion Ratio Lower Upper

43 100

58 19.3 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

2500

2000

1500

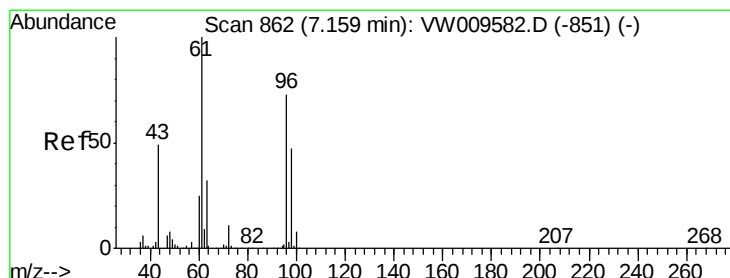
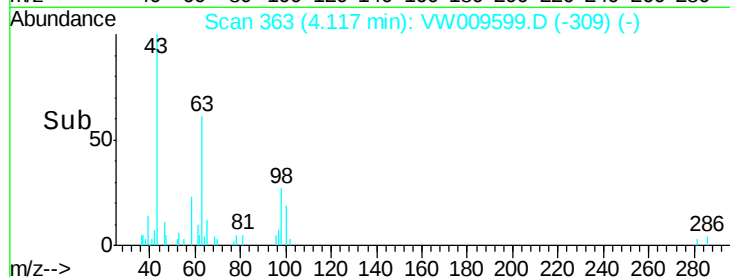
1000

500

0

Time-->

4.05 4.10 4.15 4.20



#22

cis-1,2-Dichloroethene

Concen: 1.196 ug/L

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

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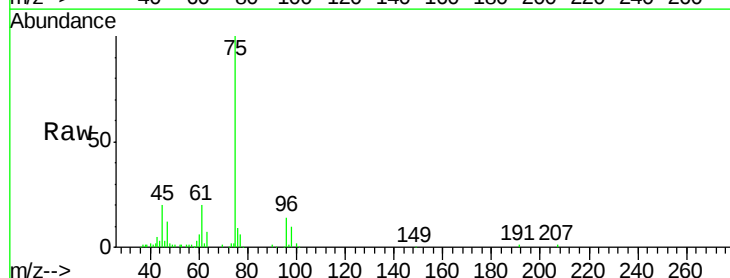
Tgt Ion: 96 Resp: 6957

Ion Ratio Lower Upper

96 100

61 146.2 90.6 168.3

98 69.2 44.0 81.8



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

7.16

6000

5000

4000

3000

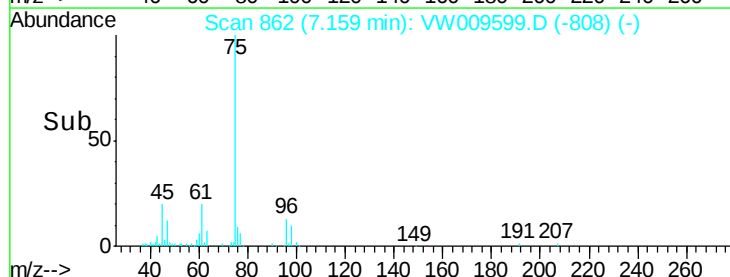
2000

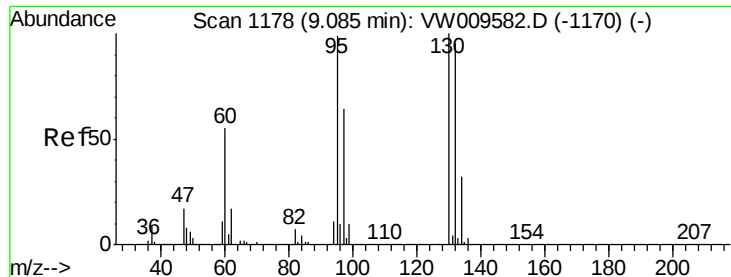
1000

0

Time-->

7.10 7.15 7.20





#35

Trichloroethene

Concen: 3.159 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

BF115

Tgt Ion: 95 Resp: 18148

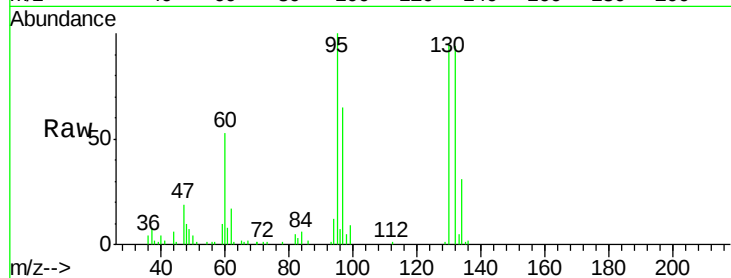
Ion Ratio Lower Upper

95 100

97 63.6 44.7 82.9

132 98.1 69.0 128.2

130 100.1 72.7 134.9

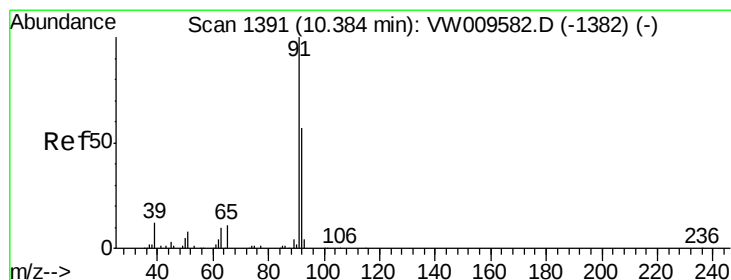
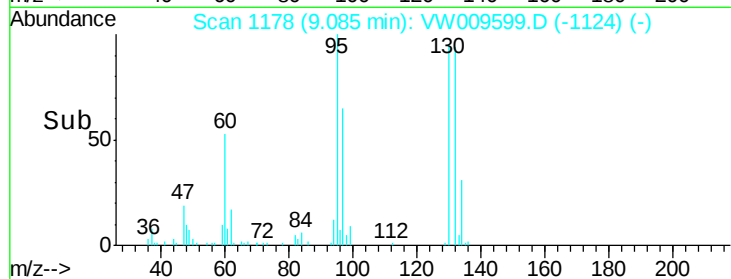
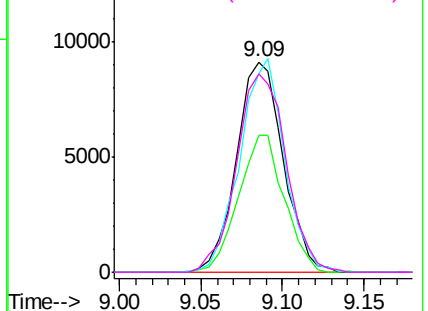


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#44

Toluene

Concen: 0.480 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW009599.D

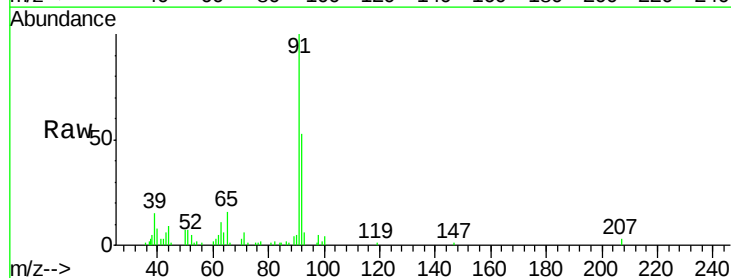
Acq: 30 Mar 2019 19:22

Tgt Ion: 91 Resp: 11314

Ion Ratio Lower Upper

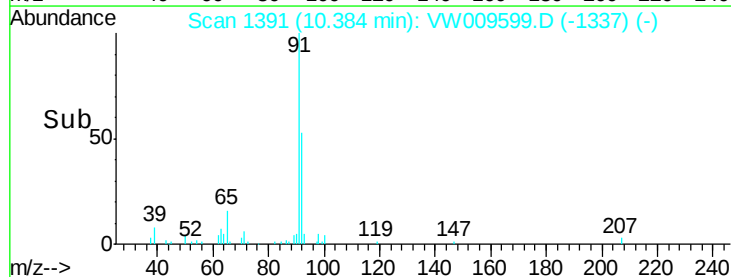
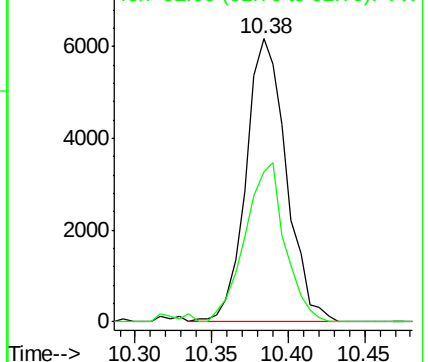
91 100

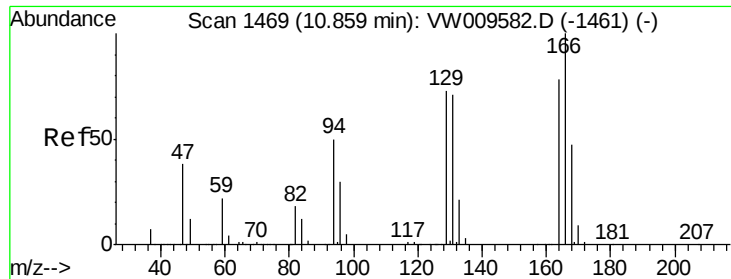
92 53.2 39.8 73.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





#47

Tetrachloroethene

Concen: 76.389 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW009599.D

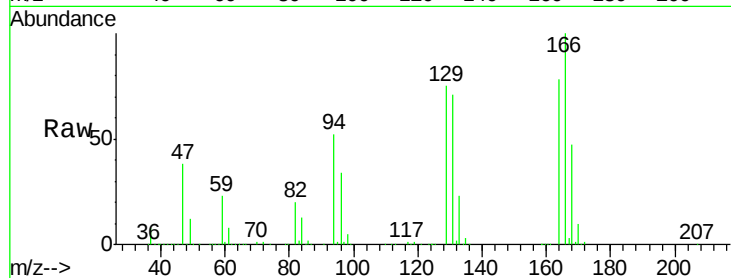
Acq: 30 Mar 2019 19:22

Instrument :

MSVOA_W

ClientSampleId :

BF115



Tgt Ion:164 Resp: 370748

Ion Ratio Lower Upper

164 100

129 96.2 66.5 123.5

131 90.8 62.6 116.3

166 127.9 91.6 170.0

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

