

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070219\
 Data File : VW011116.D
 Acq On : 02 Jul 2019 19:52
 Operator : SY/VA
 Sample : K3599-18
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAM27

Quant Time: Jul 03 06:00:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 03 05:51:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	274949	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	249646	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	114447	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	77697	18.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.04%
7) Chloroethane-d5	2.89	69	58837	19.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.92%
10) 1,1-Dichloroethene-d2	4.01	63	133781	15.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.20%
20) 2-Butanone-d5	7.07	46	79687	48.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.36%
24) Chloroform-d	7.64	84	167340	22.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	8.30	65	107697	23.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.84%
29) Benzene-d6	8.27	84	343466	22.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.32%
33) 1,2-Dichloropropane-d6	9.27	67	116743	23.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.24%
37) Toluene-d8	10.32	98	302924	22.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.40%
38) trans-1,3-Dichloropropene-	10.57	79	42359	19.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.56%
39) 2-Hexanone-d5	10.92	63	49527	43.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	97278	23.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	103517	23.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.24%

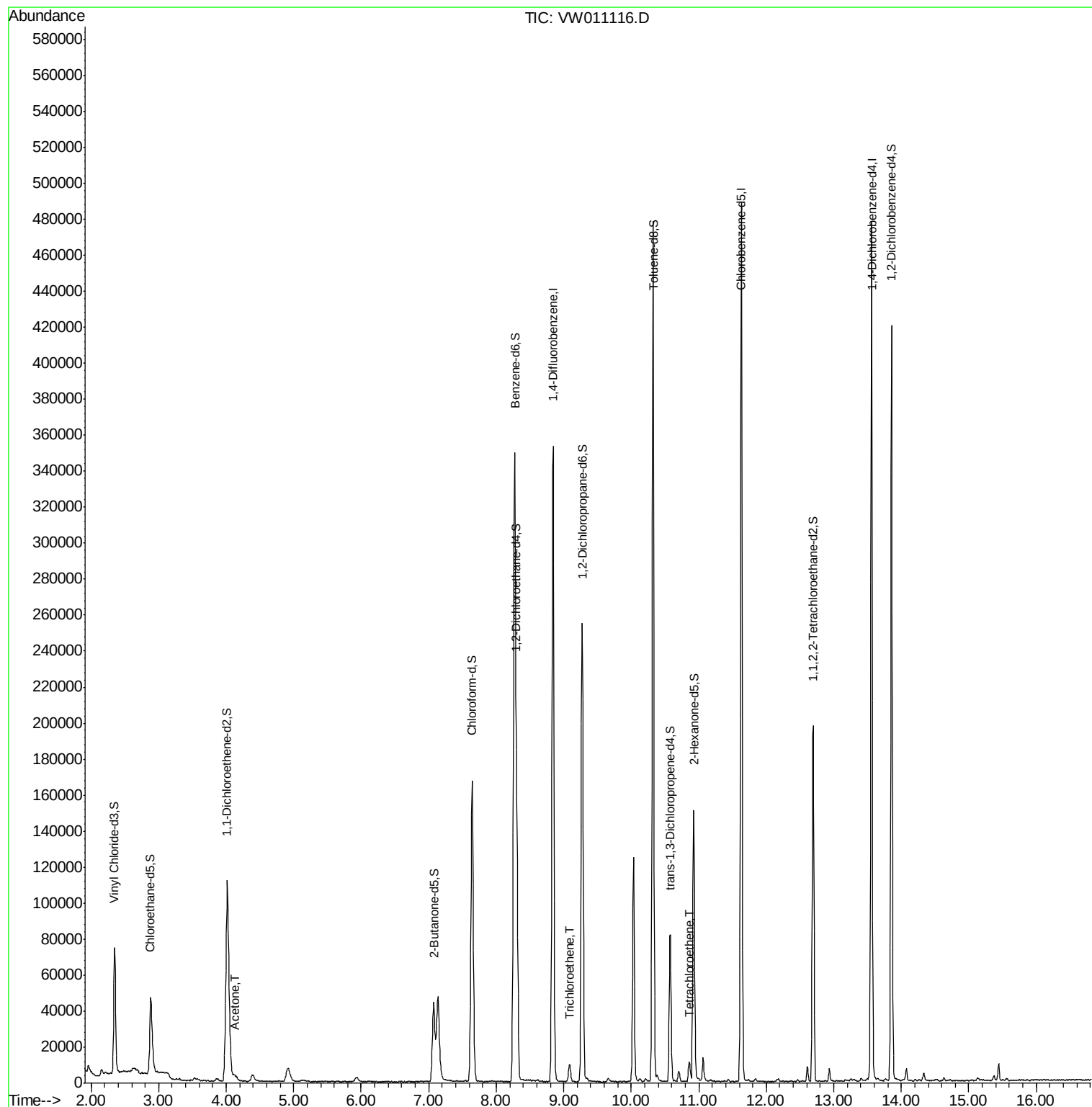
Target Compounds					Ovalue
13) Acetone	4.12	43	4688	2.902 ug/L	97
35) Trichloroethene	9.09	95	2713	0.689 ug/L #	85
47) Tetrachloroethene	10.87	164	2498	0.839 ug/L	80

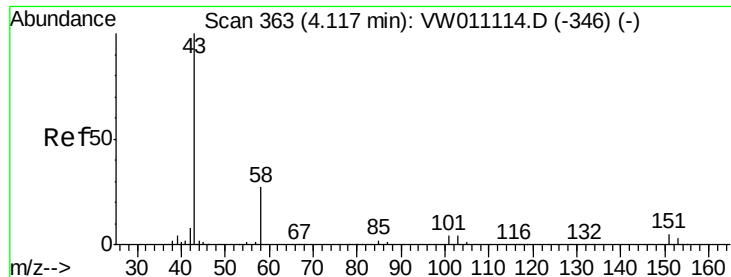
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.902 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011116.D

Acq: 02 Jul 2019 19:52

Instrument :

MSVOA_W

ClientSampled :

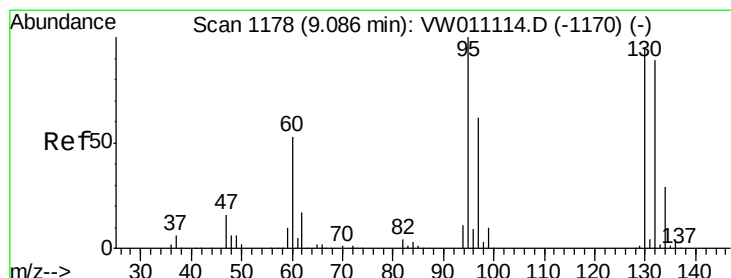
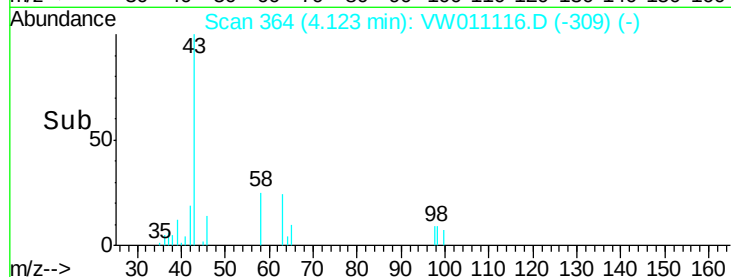
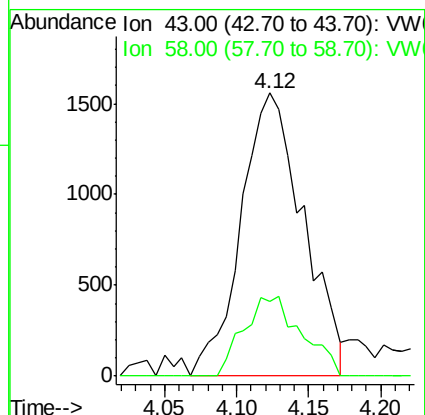
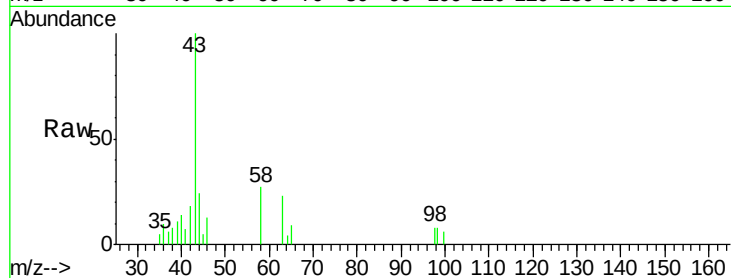
GAM27

Tot Ion: 43 Resp: 4688

Ion Ratio Lower Upper

43 100

58 26.2 0.0 55.0



#35

Trichloroethene

Concen: 0.689 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW011116.D

Acq: 02 Jul 2019 19:52

Tgt Ion: 95 Resp: 2713

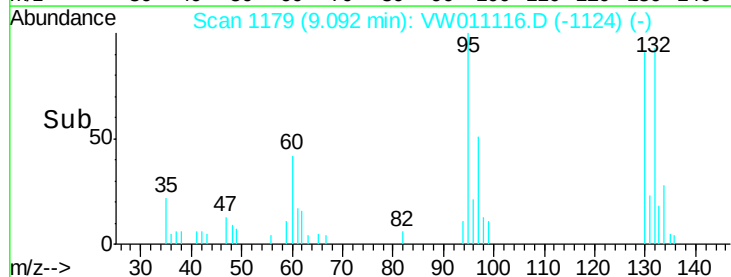
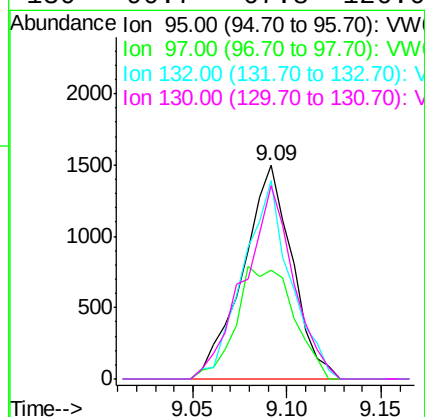
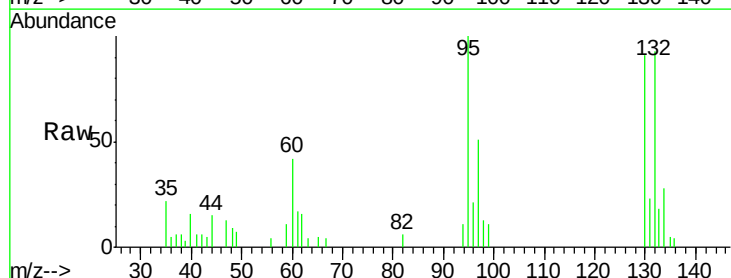
Ion Ratio Lower Upper

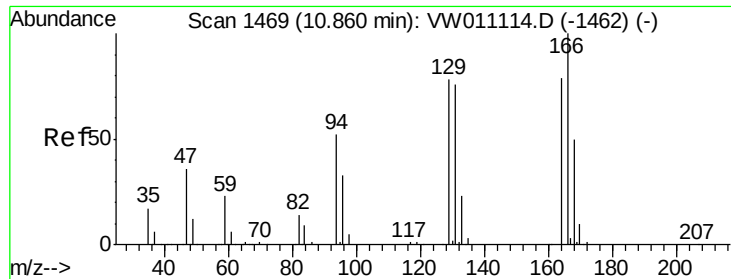
95 100

97 30.2 45.4 84.2#

132 89.9 65.0 120.8

130 90.7 67.8 126.0





#47

Tetrachloroethene

Concen: 0.839 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW011116.D

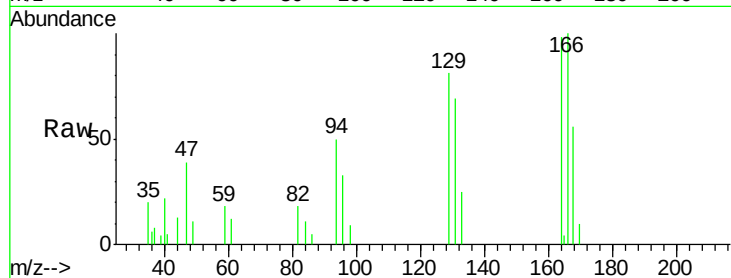
Acq: 02 Jul 2019 19:52

Instrument :

MSVOA_W

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GAM27



Tot Ion:164 Resp: 2498

Ion Ratio Lower Upper

164 100

129 81.9 68.5 127.1

131 70.4 64.8 120.4

166 101.6 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

