

Data File : VW011123.D
Acq On : 02 Jul 2019 23:01
Operator : SY/VA
Sample : K3599-21
Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAM28

Quant Time: Jul 03 05:55:29 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	245121	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	230924	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	104849	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	69966	18.69	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.76%
7) Chloroethane-d5	2.88	69	53850	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.04%
10) 1,1-Dichloroethene-d2	4.02	63	126251	15.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.72%
20) 2-Butanone-d5	7.08	46	77753	52.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.48%
24) Chloroform-d	7.65	84	162352	24.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.64%
26) 1,2-Dichloroethane-d4	8.30	65	106078	25.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.56%
29) Benzene-d6	8.27	84	321501	22.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.40%
33) 1,2-Dichloropropane-d6	9.27	67	111773	24.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.52%
37) Toluene-d8	10.32	98	285238	22.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.00%
38) trans-1,3-Dichloropropene-	10.58	79	40510	20.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.28%
39) 2-Hexanone-d5	10.93	63	47857	45.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	97165	25.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	102787	25.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.16%

Target Compounds

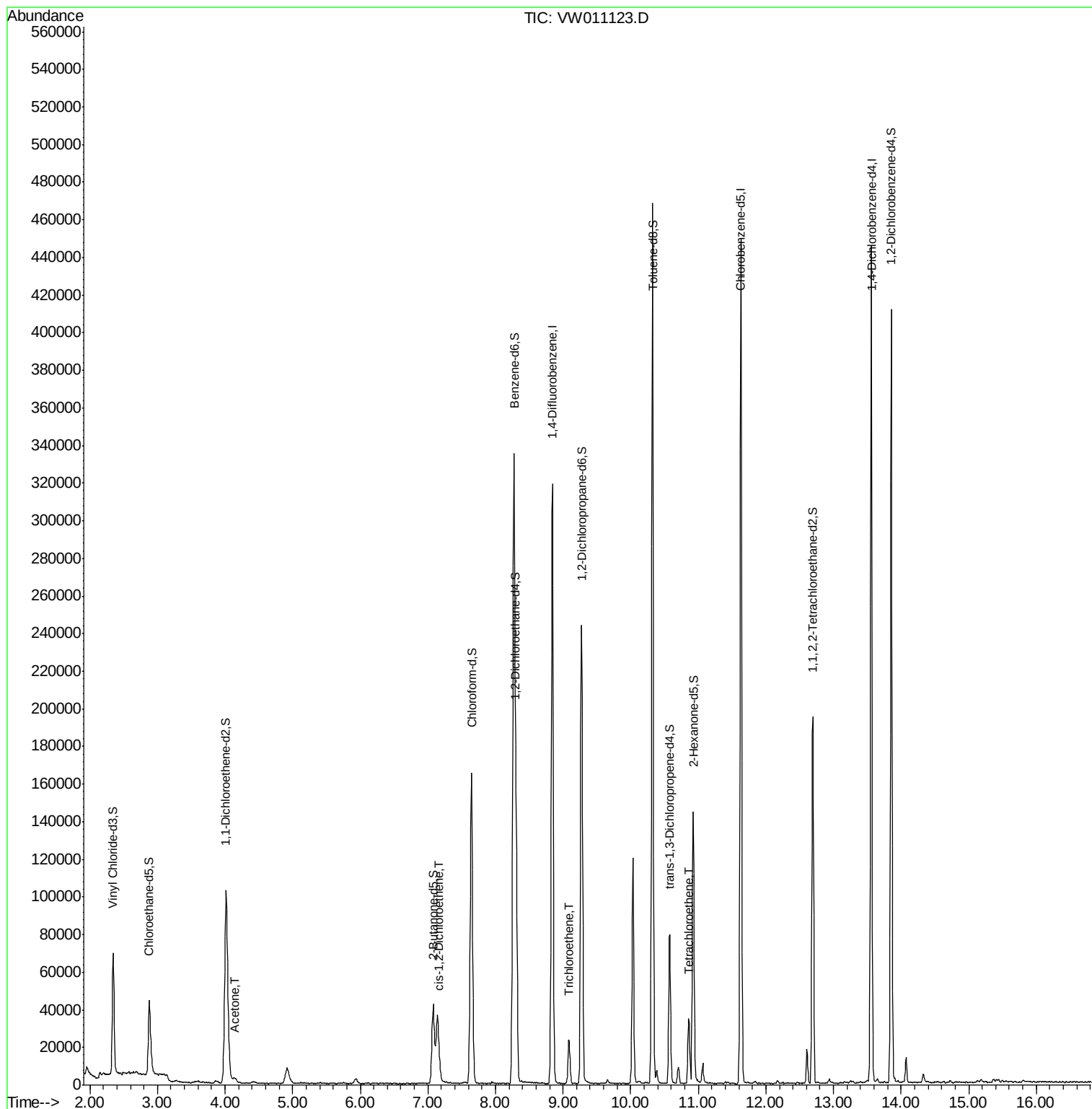
					Qvalue
13) Acetone	4.14	43	3530	2.451 ug/L	92
22) cis-1,2-Dichloroethene	7.16	96	2860	0.812 ug/L	93
35) Trichloroethene	9.09	95	7505	2.061 ug/L	98
47) Tetrachloroethene	10.86	164	7413	2.693 ug/L	91

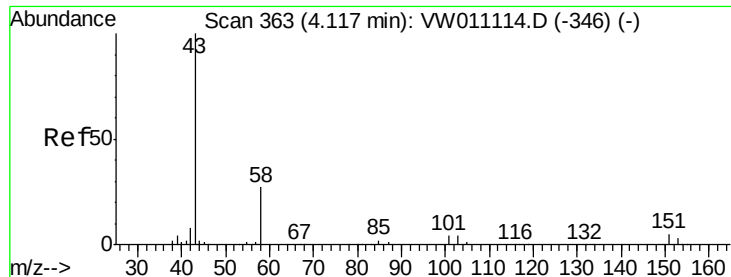
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.451 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

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Instrument :

MSVOA_W

ClientSampled :

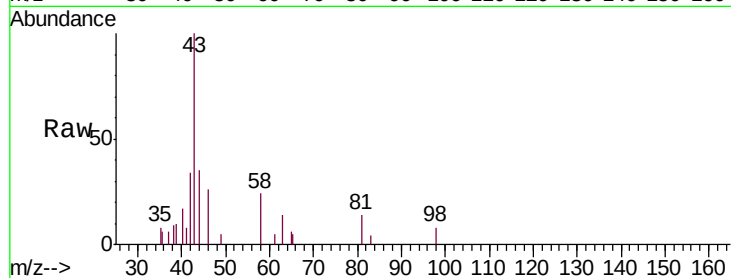
GAM28

Tgt Ion: 43 Resp: 3530

Ion Ratio Lower Upper

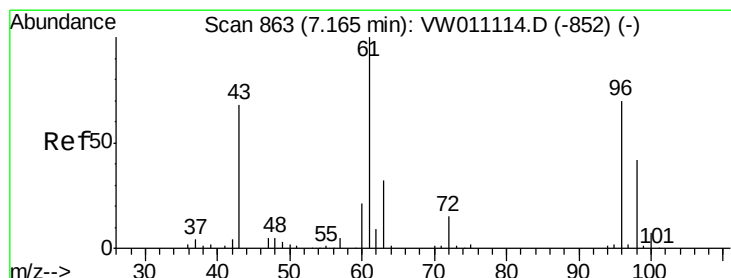
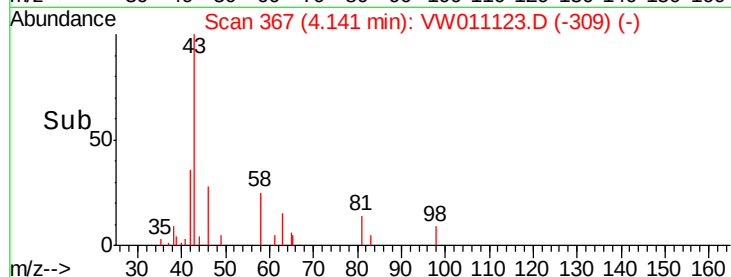
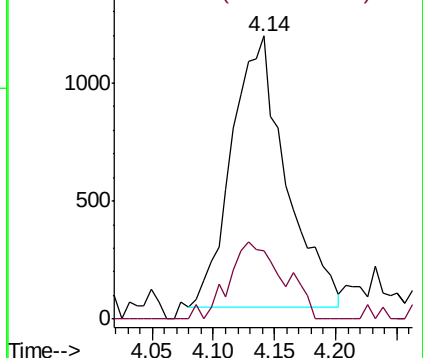
43 100

58 23.5 0.0 55.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#22

cis-1,2-Dichloroethene

Concen: 0.812 ug/L

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

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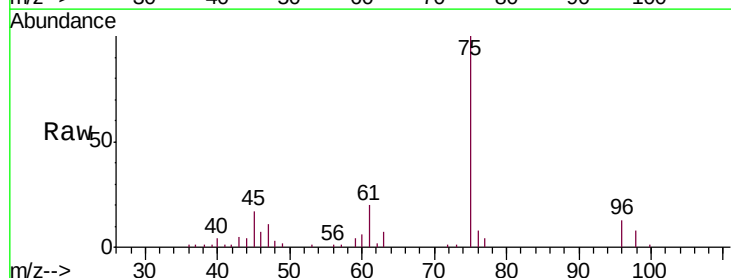
Tgt Ion: 96 Resp: 2860

Ion Ratio Lower Upper

96 100

61 158.9 103.2 191.6

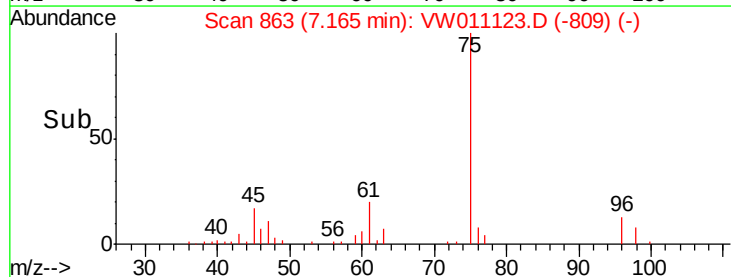
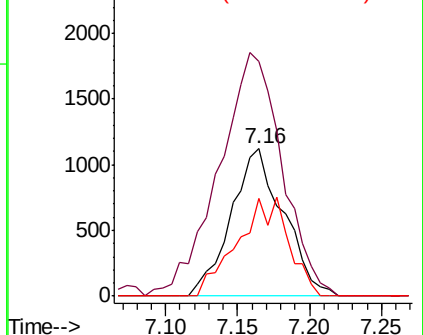
98 66.2 44.8 83.2

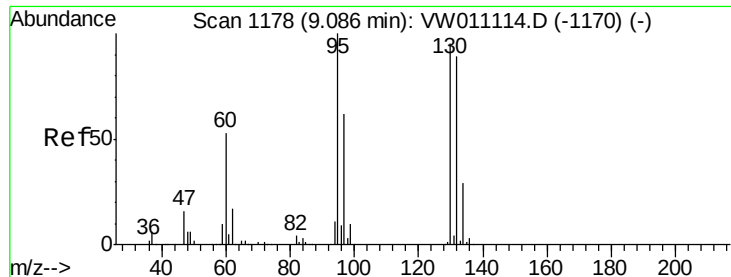


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW

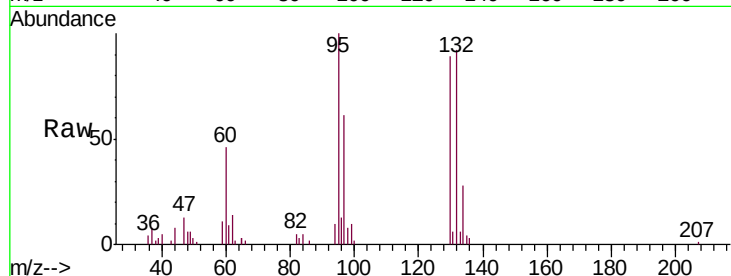




#35
 Trichloroethene
 Concen: 2.061 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.01 min
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 MSVOA_W
 ClientSampleId :
 GAM28

Tgt Ion:	95	Resp:	7505
Ion	Ratio	Lower	Upper
95	100		
97	63.3	45.4	84.2
132	92.9	65.0	120.8
130	93.4	67.8	126.0



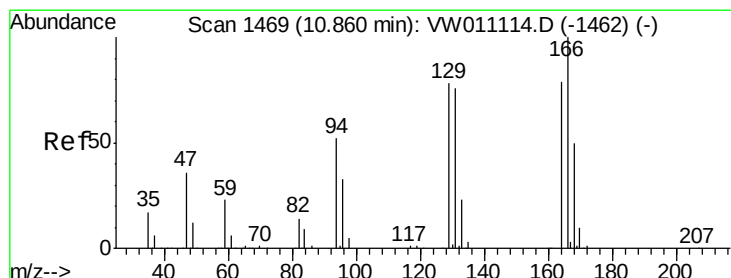
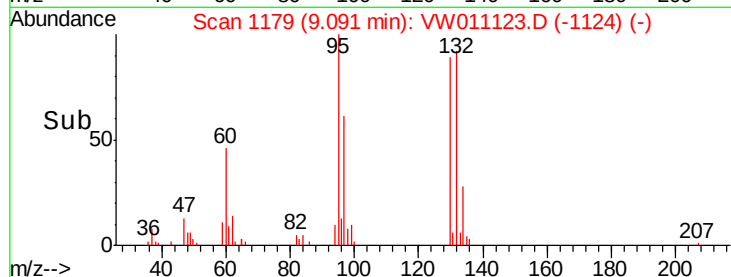
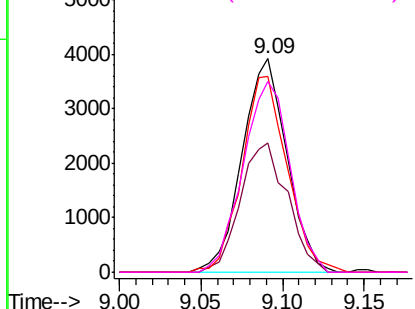
Abundance

Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

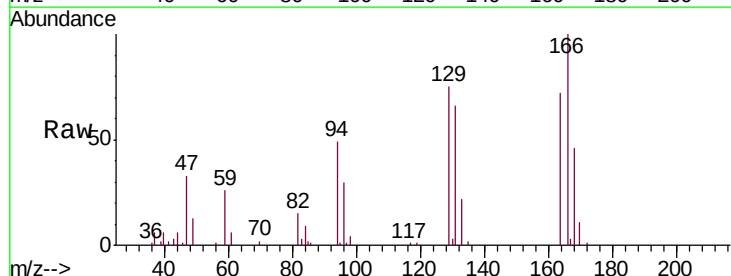
Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#47
 Tetrachloroethene
 Concen: 2.693 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. -0.00 min
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Tgt Ion:	164	Resp:	7413
Ion	Ratio	Lower	Upper
164	100		
129	104.9	68.5	127.1
131	91.3	64.8	120.4
166	142.8	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

