

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
 Data File : VW013867.D
 Acq On : 31 Oct 2019 19:30
 Operator : SY/VA
 Sample : K5596-13
 Misc : 5.47G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQB4

Quant Time: Nov 01 05:09:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 01 02:10:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	241551	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	220791	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	94109	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	78599	21.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.48%
7) Chloroethane-d5	2.89	69	63492	22.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.28%
10) 1,1-Dichloroethene-d2	4.02	63	115964	15.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.04%
20) 2-Butanone-d5	7.07	46	77855	60.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.48%
24) Chloroform-d	7.65	84	171502	23.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	8.30	65	102096	25.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.60%
29) Benzene-d6	8.27	84	344658	24.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.36%
33) 1,2-Dichloropropane-d6	9.27	67	111714	26.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.24%
37) Toluene-d8	10.32	98	299925	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.72%
38) trans-1,3-Dichloropropene-	10.58	79	42941	21.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.56%
39) 2-Hexanone-d5	10.93	63	61885	62.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113717	29.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	86158	23.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.08%

Target Compounds

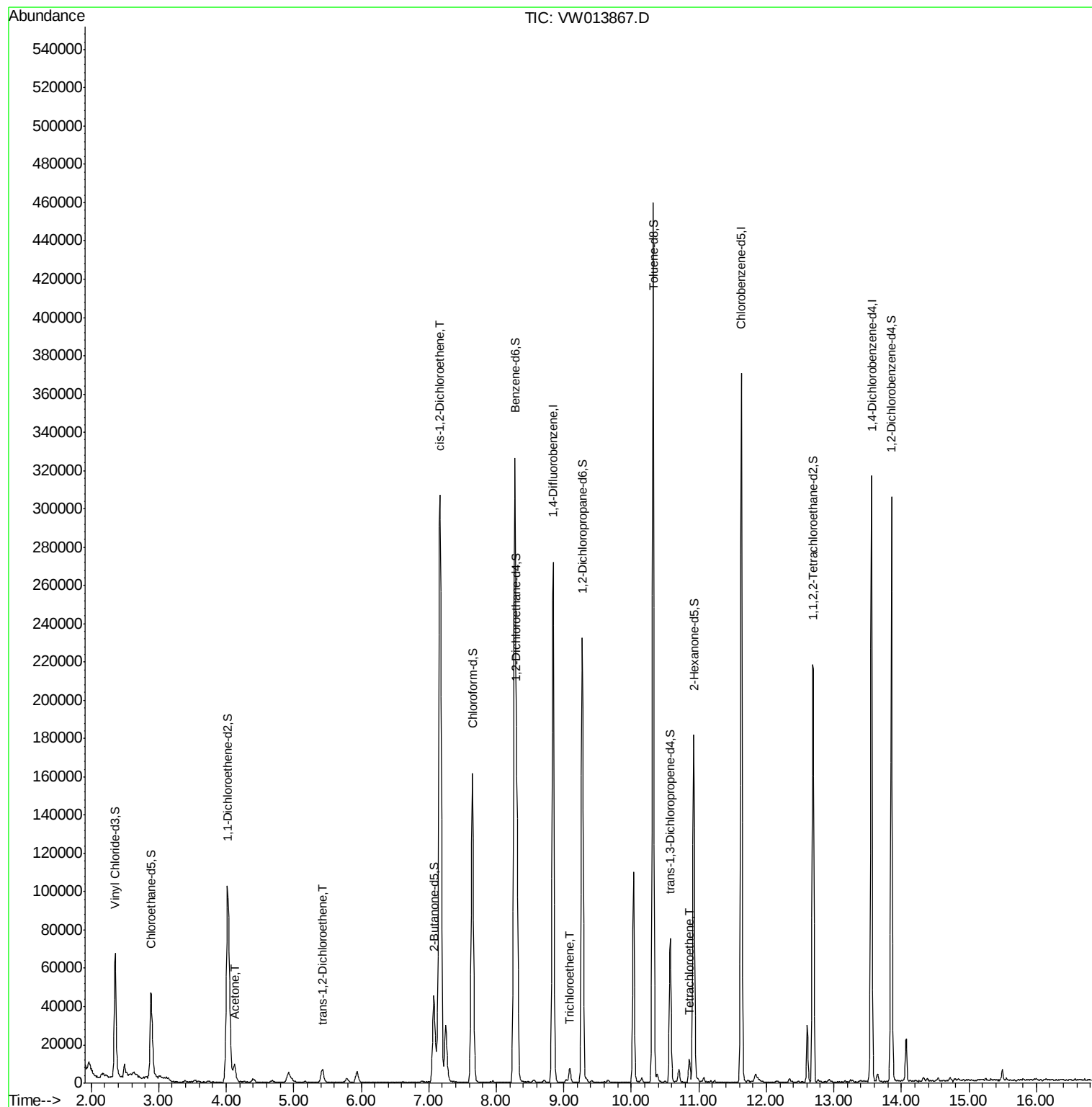
					Qvalue
13) Acetone	4.12	43	14567	12.044 ug/L	74
18) trans-1,2-Dichloroethene	5.42	96	4951	1.182 ug/L	76
22) cis-1,2-Dichloroethene	7.16	96	196604	43.846 ug/L	99
35) Trichloroethene	9.09	95	2400	0.594 ug/L	93
47) Tetrachloroethene	10.86	164	2997	0.826 ug/L	92

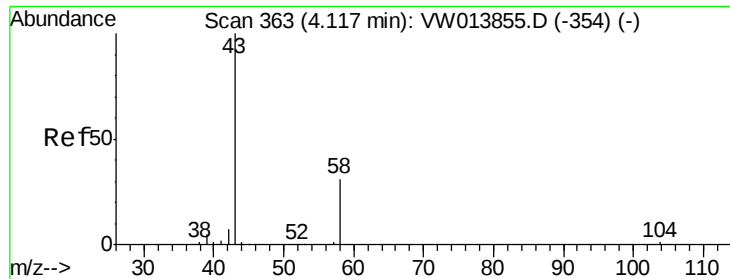
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Nov 01 02:10:29 2019
Response via : Initial Calibration





#13

Acetone

Concen: 12.044 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013867.D

Acq: 31 Oct 2019 19:30

Instrument :

MSVOA_W

ClientSampled :

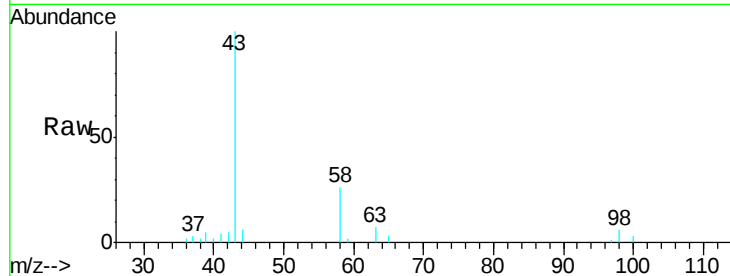
GAQB4

Tgt Ion: 43 Resp: 14567

Ion Ratio Lower Upper

43 100

58 17.3 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

6000

5000

4000

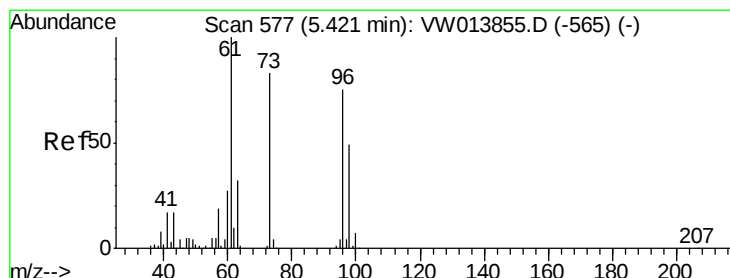
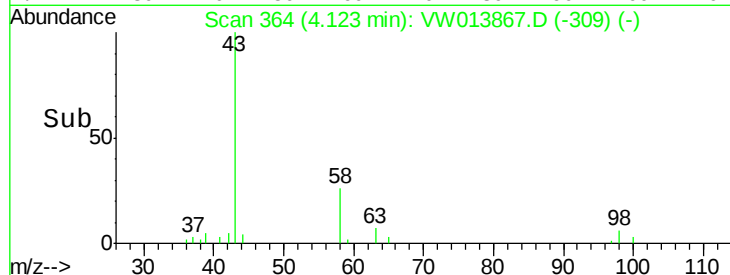
3000

2000

1000

0

Time-->



#18

trans-1,2-Dichloroethene

Concen: 1.182 ug/L

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

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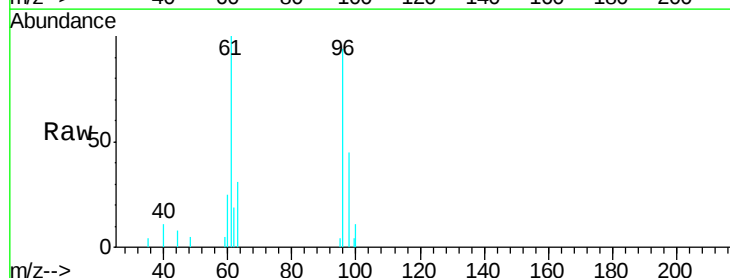
Tgt Ion: 96 Resp: 4951

Ion Ratio Lower Upper

96 100

61 106.8 95.5 177.4

98 47.6 45.4 84.4



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

2500

2000

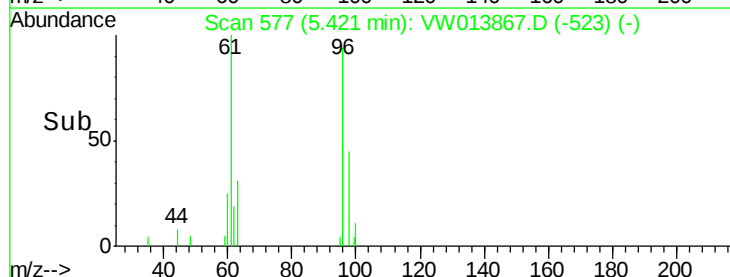
1500

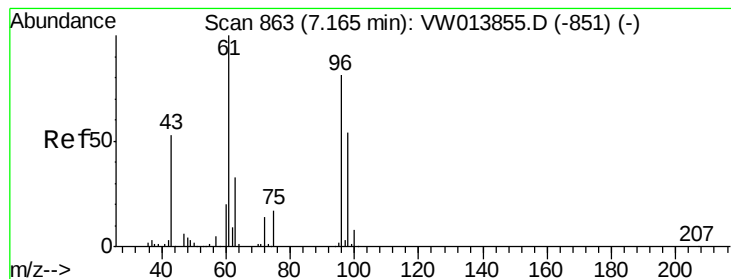
1000

500

0

Time-->



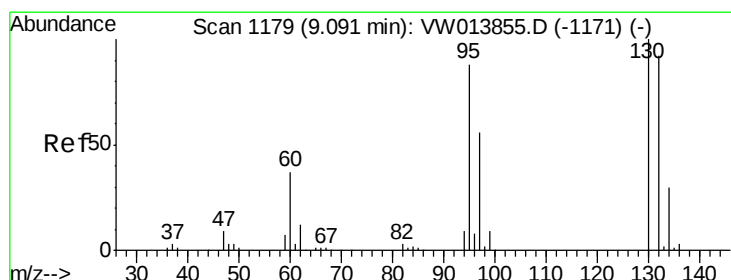
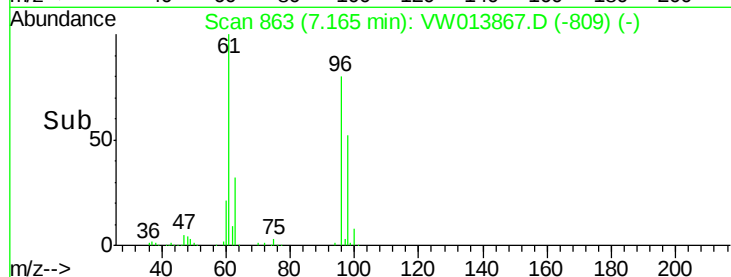
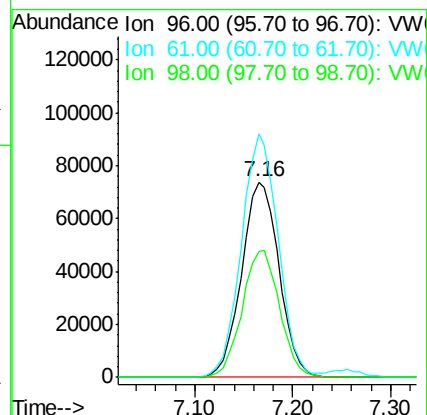
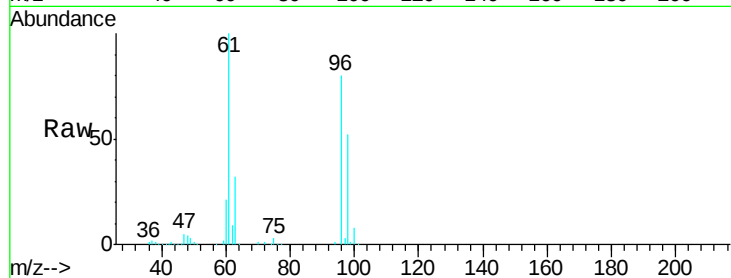


#22

cis-1,2-Dichloroethene
Concen: 43.846 ug/L
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW013867.D
Acq: 31 Oct 2019 19:30

Instrument :
MSVOA_W
ClientSampled :
GAQB4

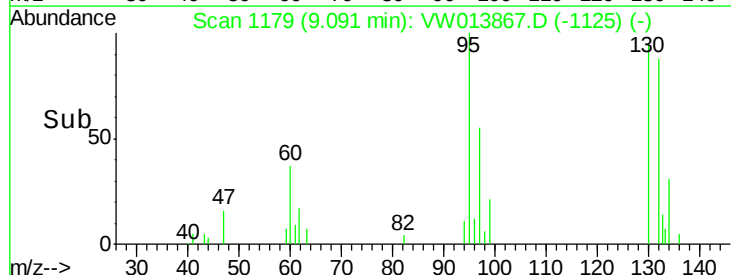
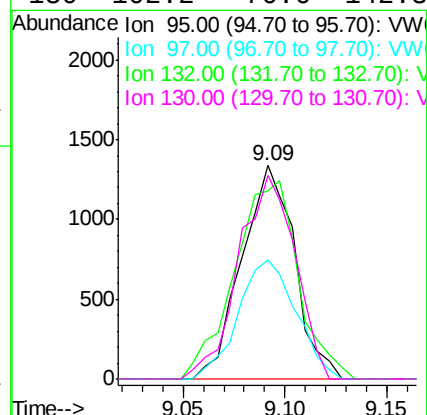
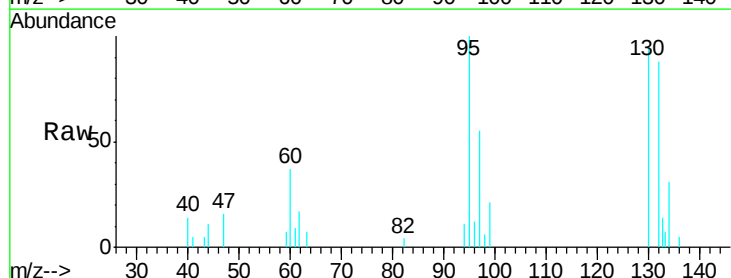
Tgt Ion: 96 Resp: 196604
Ion Ratio Lower Upper
96 100
61 124.8 86.6 160.8
98 64.6 44.5 82.7

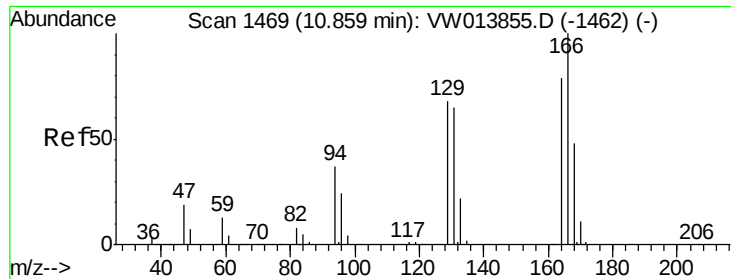


#35

Trichloroethene
Concen: 0.594 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW013867.D
Acq: 31 Oct 2019 19:30

Tgt Ion: 95 Resp: 2400
Ion Ratio Lower Upper
95 100
97 61.3 45.0 83.6
132 112.0 72.4 134.4
130 102.2 76.6 142.3





#47

Tetrachloroethene

Concen: 0.826 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW013867.D

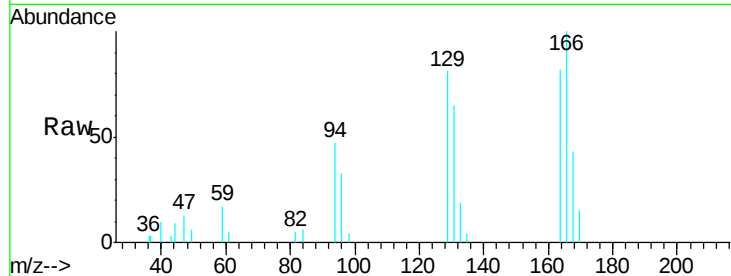
Acq: 31 Oct 2019 19:30

Instrument :

MSVOA_W

ClientSampleId :

GAQB4



Tgt Ion:164 Resp: 2997

Ion Ratio Lower Upper

164 100

129 98.1 62.5 116.1

131 79.7 59.8 111.0

166 121.8 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

