

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032119\
 Data File : VW009334.D
 Acq On : 21 Mar 2019 18:56
 Operator : SY/VA
 Sample : K2048-01
 Misc : 5.90G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 22 09:44:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 09:38:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	358600	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	347123	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	162739	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	111092	25.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.68%
7) Chloroethane-d5	2.90	69	105123	20.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.88%
10) 1,1-Dichloroethene-d2	4.01	63	165266	17.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.36%
20) 2-Butanone-d5	7.08	46	103527	58.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.84%
24) Chloroform-d	7.65	84	236630	24.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.72%
26) 1,2-Dichloroethane-d4	8.46	65	64	0.01	ug/L	0.16
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	439300	22.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.80%
33) 1,2-Dichloropropane-d6	9.27	67	135975	23.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.60%
37) Toluene-d8	10.32	98	388772	21.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.84%
38) trans-1,3-Dichloropropene-	10.57	79	62849	21.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.04%
39) 2-Hexanone-d5	10.93	63	76252	54.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	148541	26.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	155189	24.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.48%

Target Compounds

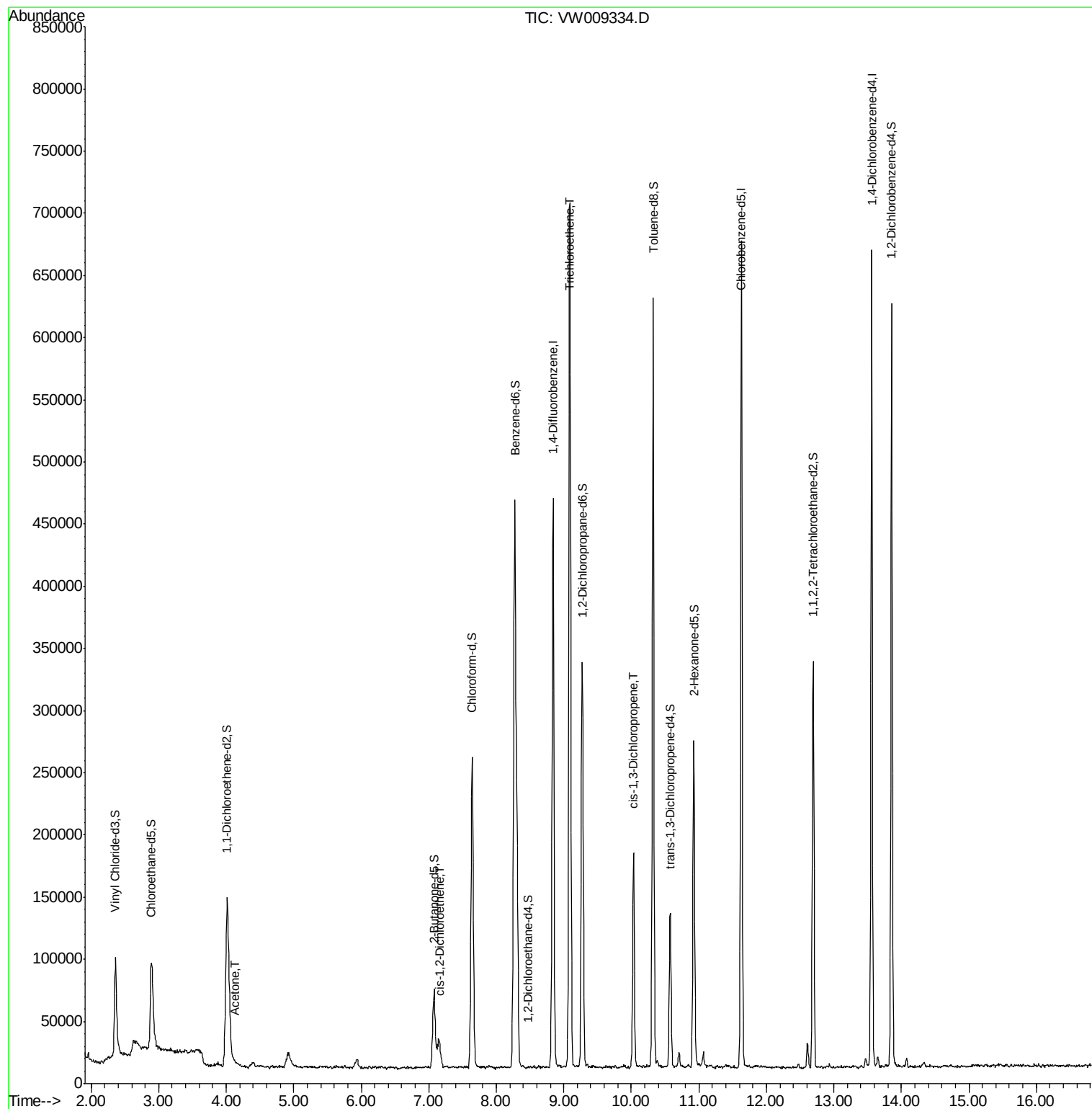
					Ovalue
13) Acetone	4.13	43	3349	2.304 ug/L	77
22) cis-1,2-Dichloroethene	7.17	96	2296	0.457 ug/L	97
35) Trichloroethene	9.09	95	222224	43.895 ug/L	99
42) cis-1,3-Dichloropropene	10.03	75	5069	0.638 ug/L #	77

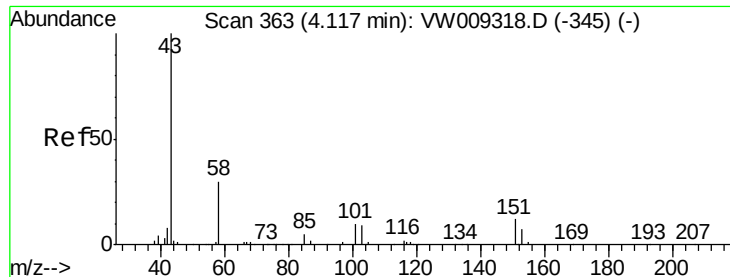
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.304 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW009334.D

Acq: 21 Mar 2019 18:56

Instrument :

MSVOA_W

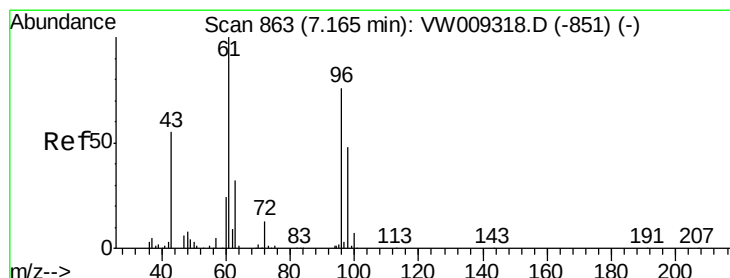
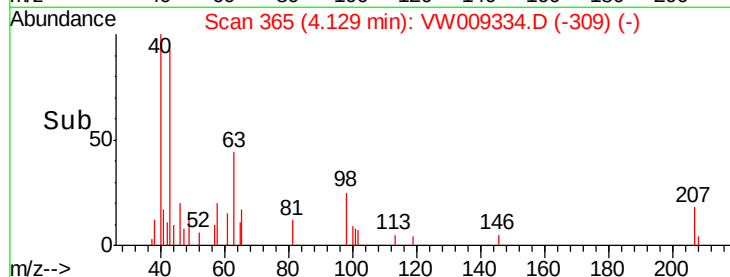
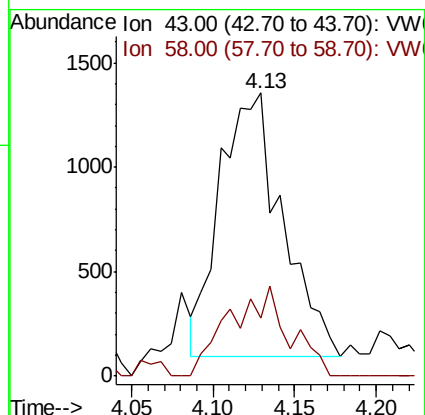
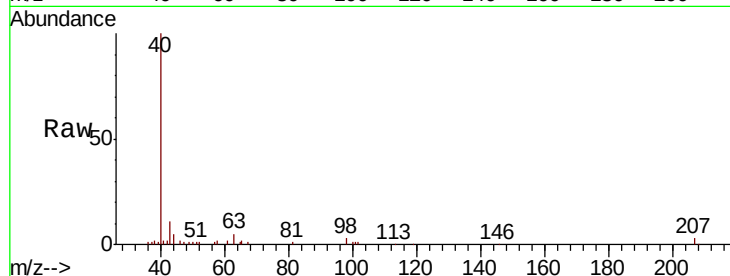
ClientSampled :

Tot Ion: 43 Resp: 3349

Ion Ratio Lower Upper

43 100

58 15.8 0.0 56.2



#22

cis-1,2-Dichloroethene

Concen: 0.457 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW009334.D

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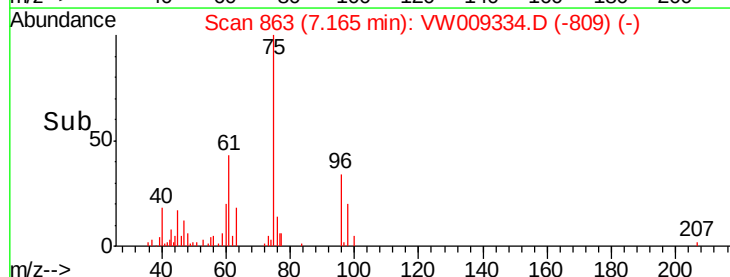
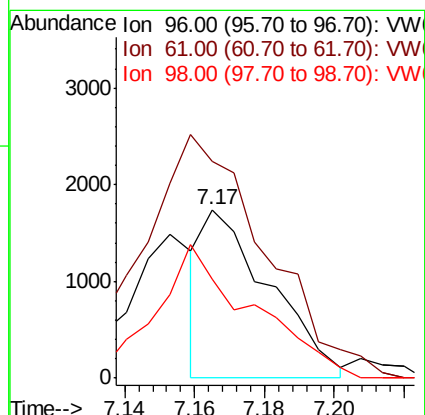
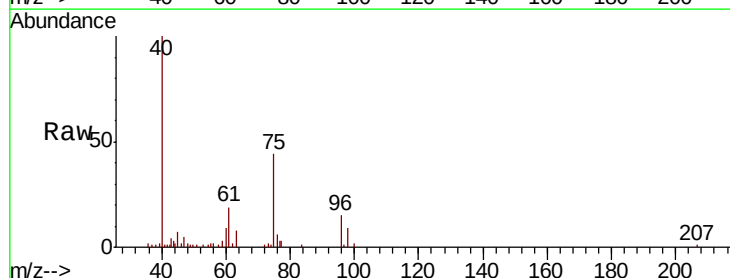
Tgt Ion: 96 Resp: 2296

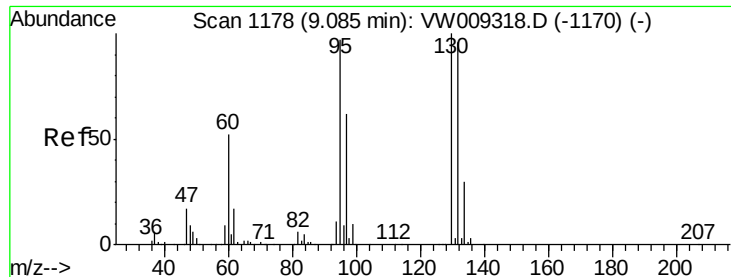
Ion Ratio Lower Upper

96 100

61 128.4 90.6 168.3

98 58.5 44.0 81.8

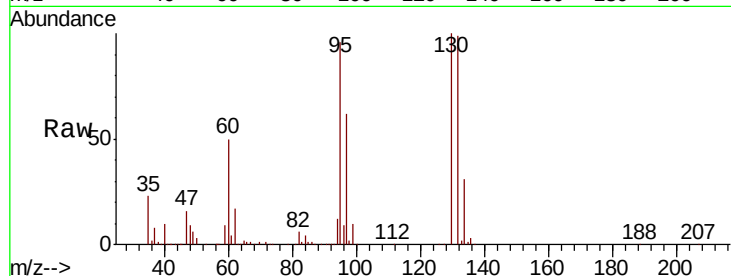




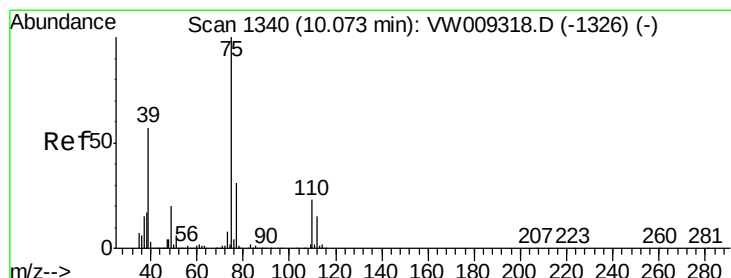
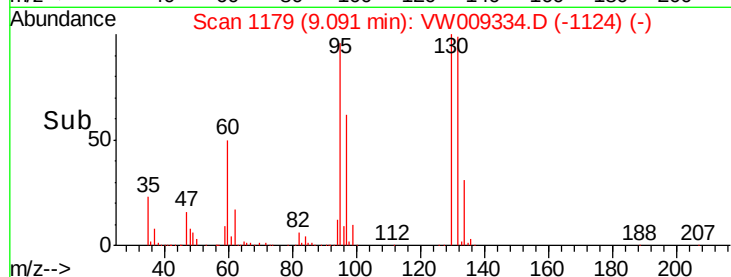
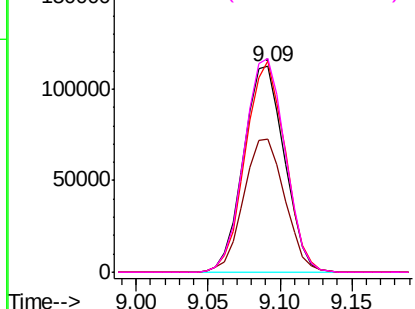
#35
 Trichloroethene
 Concen: 43.895 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VW009334.D
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Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 95 Resp: 222224
 Ion Ratio Lower Upper
 95 100
 97 65.2 44.7 82.9
 132 99.2 69.0 128.2
 130 103.8 72.7 134.9

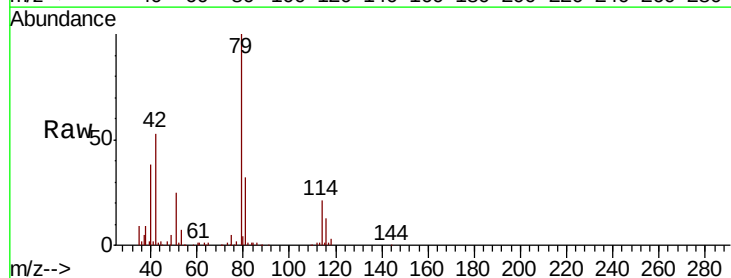


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V



#42
 cis-1,3-Dichloropropene
 Concen: 0.638 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW009334.D
 Acq: 21 Mar 2019 18:56

Tgt Ion: 75 Resp: 5069
 Ion Ratio Lower Upper
 75 100
 77 43.5 21.6 40.2#



Abundance Ion 75.00 (74.70 to 75.70): VW
 Ion 77.00 (76.70 to 77.70): VW

