

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032319\
 Data File : VW009386.D
 Acq On : 23 Mar 2019 13:17
 Operator : SY/VA
 Sample : K2048-19
 Misc : 5.62G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 23 22:47:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 22:42:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	389627	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	367714	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	169891	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	100997	21.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.76%
7) Chloroethane-d5	2.89	69	103093	18.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.68%
10) 1,1-Dichloroethene-d2	4.01	63	156562	15.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.24%
20) 2-Butanone-d5	7.07	46	88267	45.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.68%
24) Chloroform-d	7.64	84	232090	21.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.32%
26) 1,2-Dichloroethane-d4	8.49	65	109	0.02	ug/L	0.19
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	414806	20.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.80%
33) 1,2-Dichloropropane-d6	9.27	67	131911	21.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.64%
37) Toluene-d8	10.32	98	365752	19.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.04%
38) trans-1,3-Dichloropropene-	10.58	79	58938	19.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.08%
39) 2-Hexanone-d5	10.93	63	64098	43.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132920	22.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	144975	22.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.00%

Target Compounds

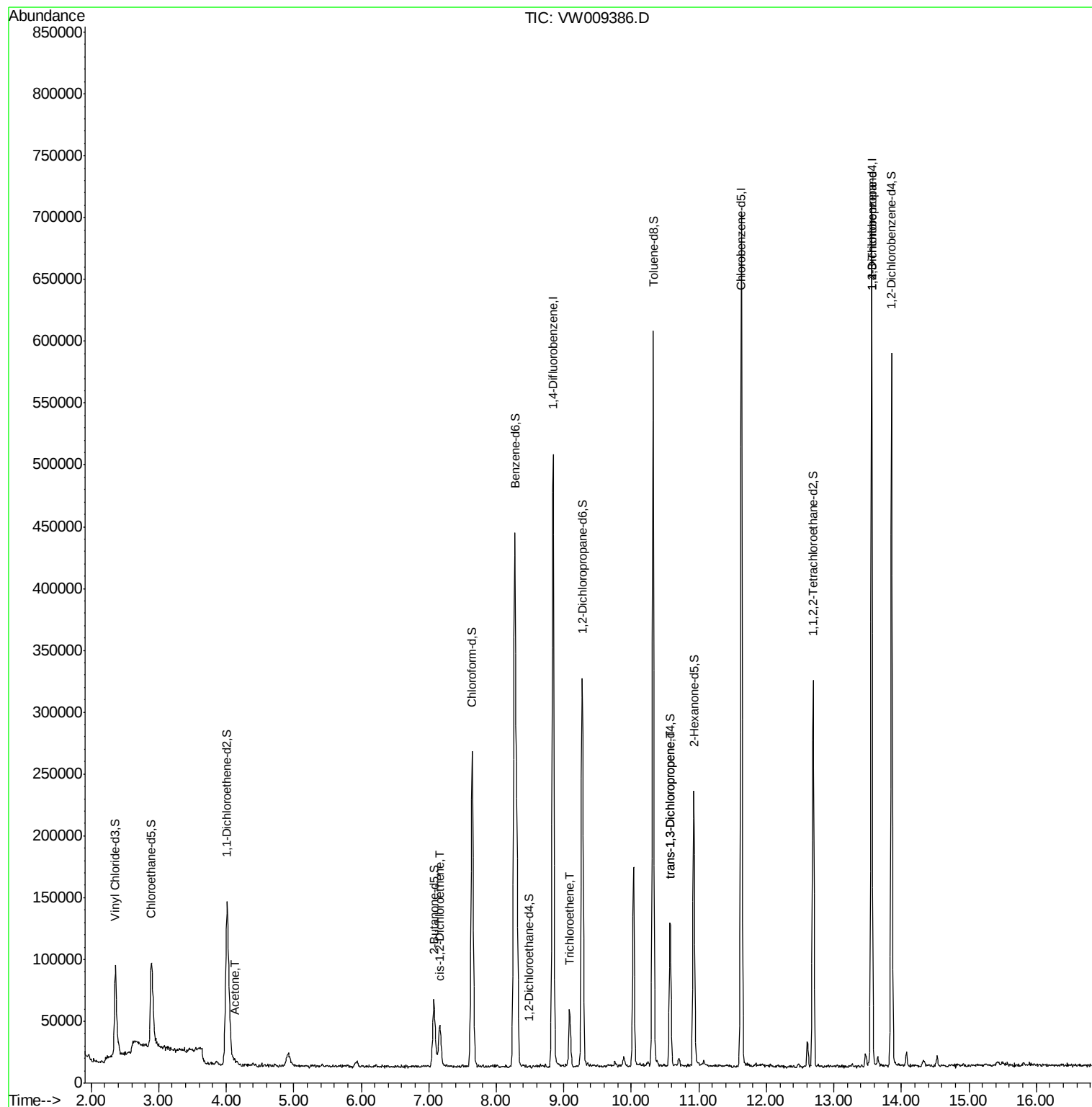
					Ovalue
13) Acetone	4.12	43	1790	1.134 ug/L	86
22) cis-1,2-Dichloroethene	7.17	96	18086	3.310 ug/L	95
35) Trichloroethene	9.09	95	13512	2.519 ug/L	98
45) trans-1,3-Dichloropropene	10.58	75	3307	0.452 ug/L	99
59) 1,2,3-Trichloropropane	13.55	75	22311	5.408 ug/L	91

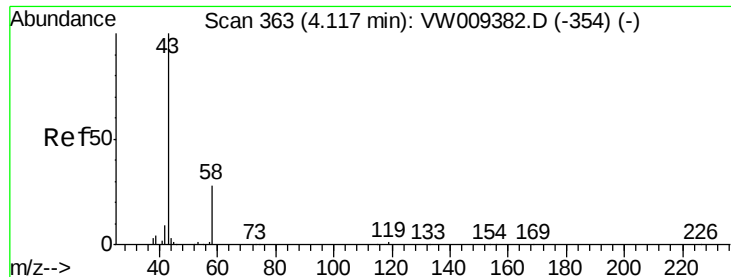
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 23 22:42:53 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.134 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW009386.D

Acq: 23 Mar 2019 13:17

Instrument :

MSVOA_W

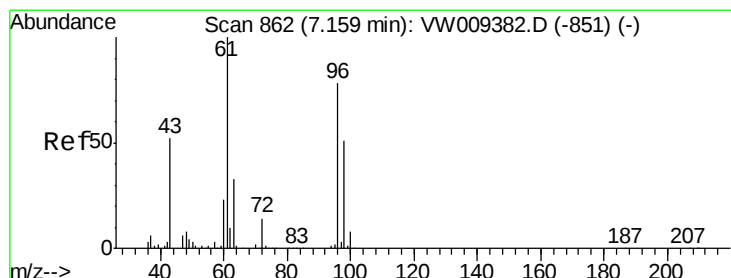
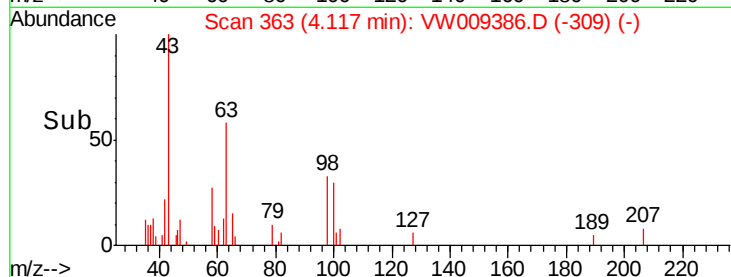
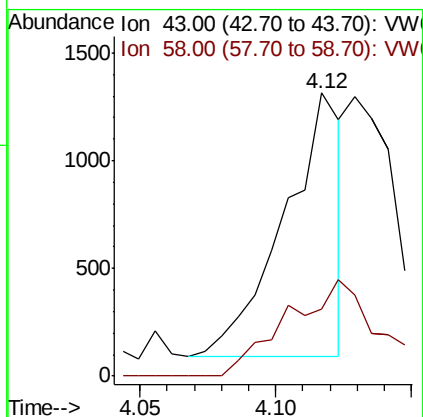
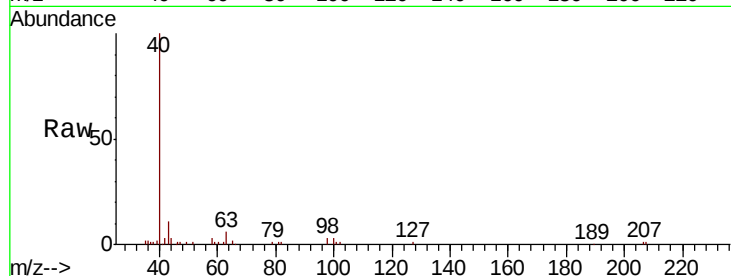
ClientSampled :

Tot Ion: 43 Resp: 1790

Ion Ratio Lower Upper

43 100

58 35.5 0.0 56.2



#22

cis-1,2-Dichloroethene

Concen: 3.310 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW009386.D

Acq: 23 Mar 2019 13:17

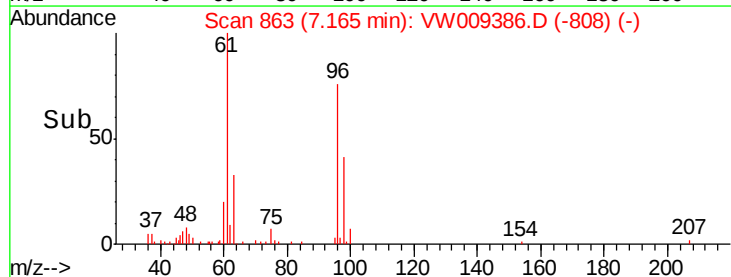
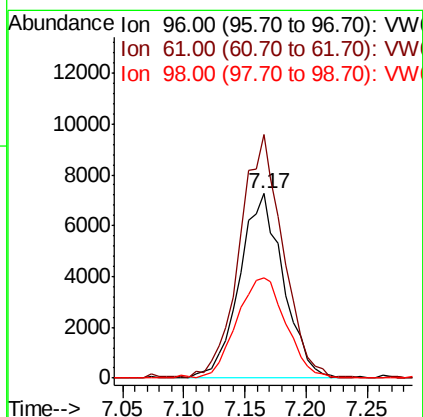
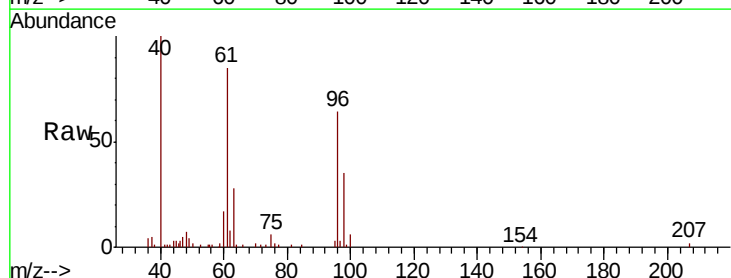
Tgt Ion: 96 Resp: 18086

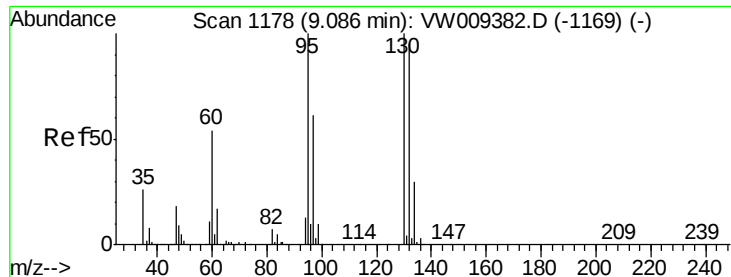
Ion Ratio Lower Upper

96 100

61 131.9 90.6 168.3

98 54.3 44.0 81.8





#35

Trichloroethene

Concen: 2.519 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW009386.D

Acq: 23 Mar 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 13512

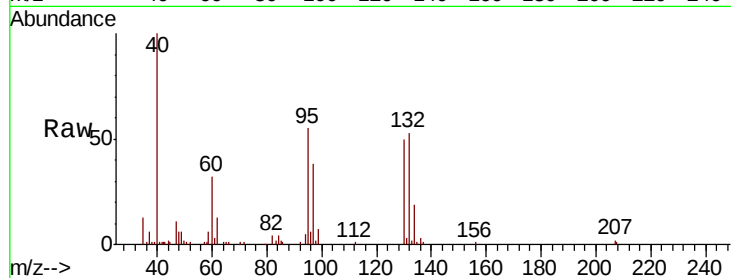
Ion Ratio Lower Upper

95 100

97 66.6 44.7 82.9

132 97.6 69.0 128.2

130 102.3 72.7 134.9

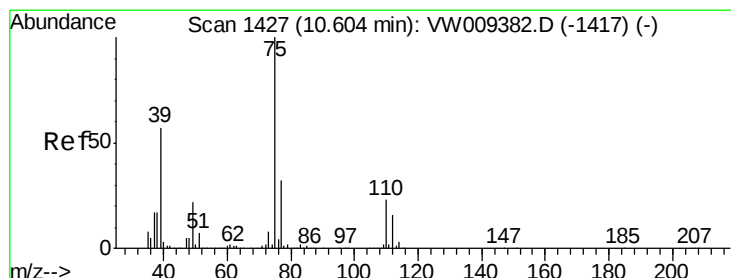
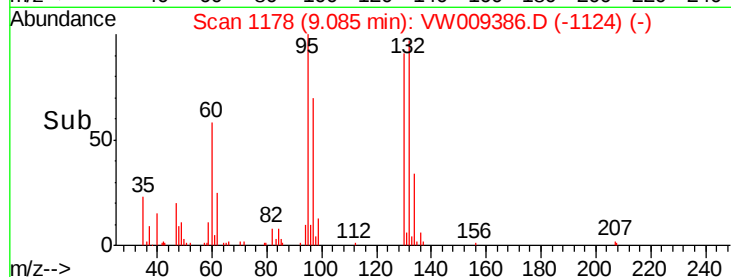
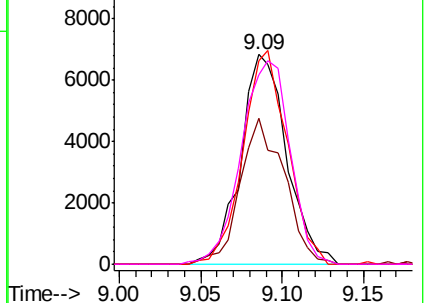


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#45

trans-1,3-Dichloropropene

Concen: 0.452 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009386.D

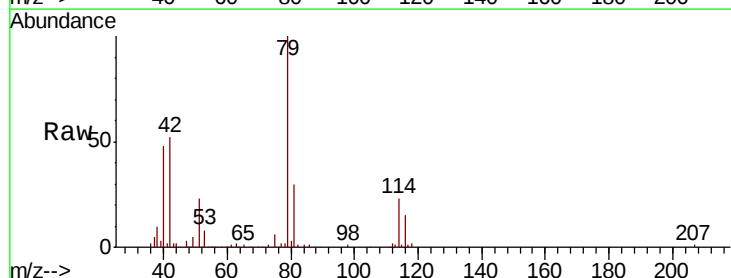
Acq: 23 Mar 2019 13:17

Tgt Ion: 75 Resp: 3307

Ion Ratio Lower Upper

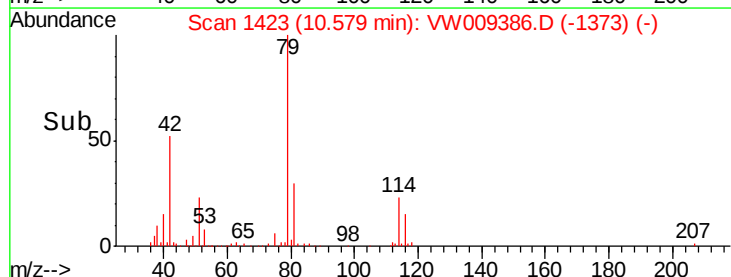
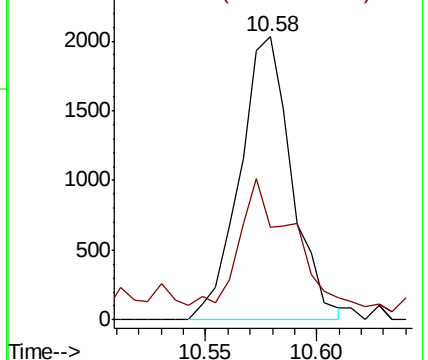
75 100

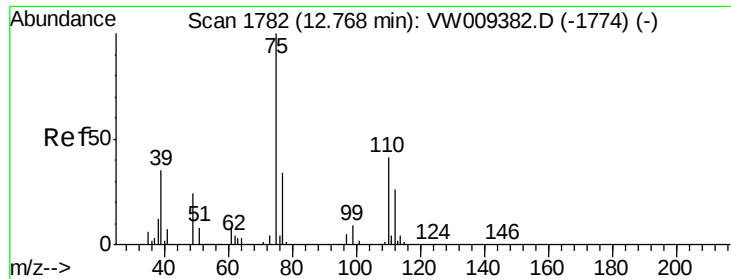
77 32.8 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#59

1,2,3-Trichloropropane

Concen: 5.408 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW009386.D

Acq: 23 Mar 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 22311

Ion Ratio Lower Upper

75 100

77 37.7 26.2 39.2

