

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110119\
 Data File : VW013901.D
 Acq On : 01 Nov 2019 16:18
 Operator : SY/VA
 Sample : K5596-13RE
 Misc : 4.55G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 02 00:17:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 02 00:12:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	316279	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	301349	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	151848	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	132210	26.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.44%
7) Chloroethane-d5	2.89	69	104451	26.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.28%
10) 1,1-Dichloroethene-d2	4.02	63	194741	19.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.72%
20) 2-Butanone-d5	7.07	46	98649	55.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.42%
24) Chloroform-d	7.65	84	262253	26.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.28%
26) 1,2-Dichloroethane-d4	8.31	65	151867	28.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.28%
29) Benzene-d6	8.27	84	560520	27.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.08%
33) 1,2-Dichloropropane-d6	9.27	67	172551	28.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.96%
37) Toluene-d8	10.32	98	510609	26.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.64%
38) trans-1,3-Dichloropropene-	10.57	79	75777	27.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.64%
39) 2-Hexanone-d5	10.92	63	84145	60.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	152784	28.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	167279	27.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.36%

Target Compounds

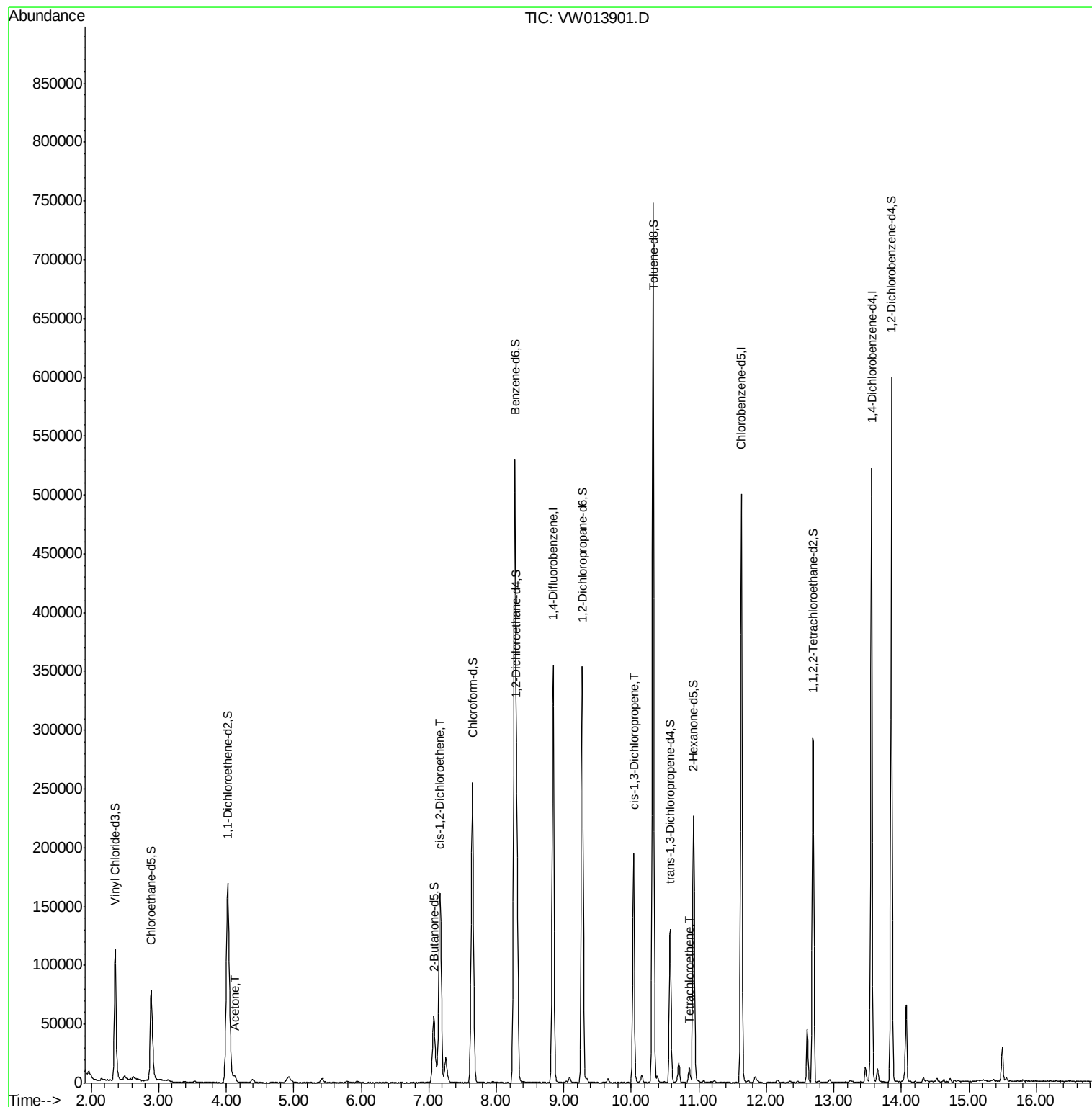
					Ovalue
13) Acetone	4.12	43	9362	5.428 ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	101705	17.001 ug/L	95
42) cis-1,3-Dichloropropene	10.03	75	4264	0.504 ug/L #	49
47) Tetrachloroethene	10.87	164	3063	0.577 ug/L #	81

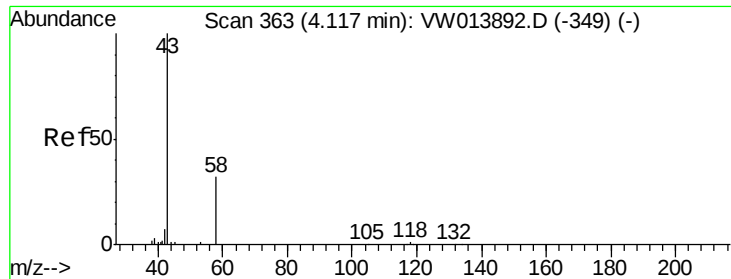
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.428 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013901.D

Acq: 01 Nov 2019 16:18

Instrument :

MSVOA_W

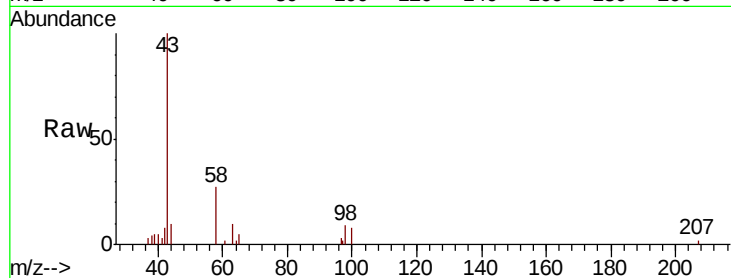
ClientSampleId :

Tot Ion: 43 Resp: 9362

Ion Ratio Lower Upper

43 100

58 32.4 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

4000

3000

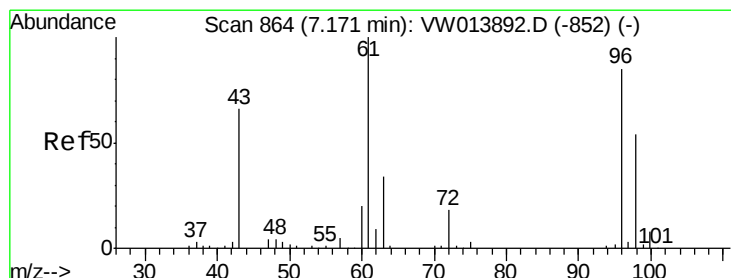
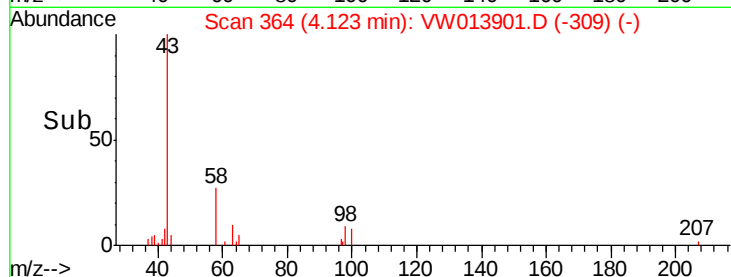
2000

1000

0

Time-->

4.05 4.10 4.15 4.20



#22

cis-1,2-Dichloroethene

Concen: 17.001 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW013901.D

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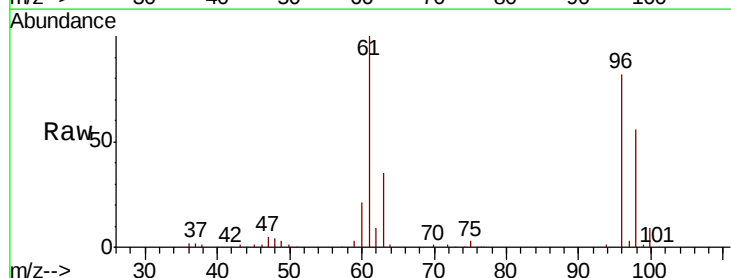
Tgt Ion: 96 Resp: 101705

Ion Ratio Lower Upper

96 100

61 122.2 82.3 152.9

98 67.9 44.0 81.8



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

7.17

60000

50000

40000

30000

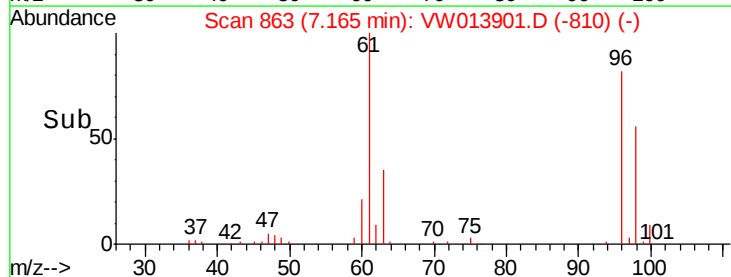
20000

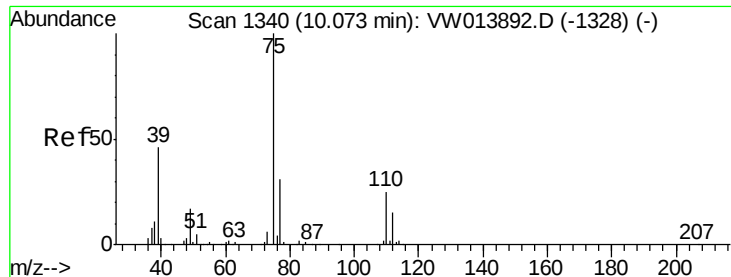
10000

0

Time-->

7.10 7.20





#42

cis-1,3-Dichloropropene

Concen: 0.504 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW013901.D

Acq: 01 Nov 2019 16:18

Instrument :

MSVOA_W

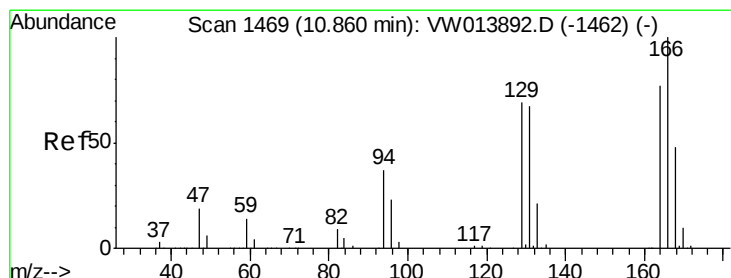
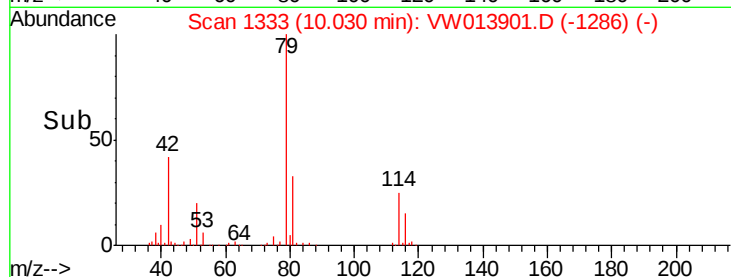
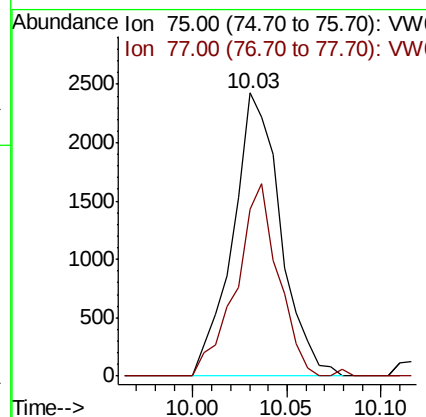
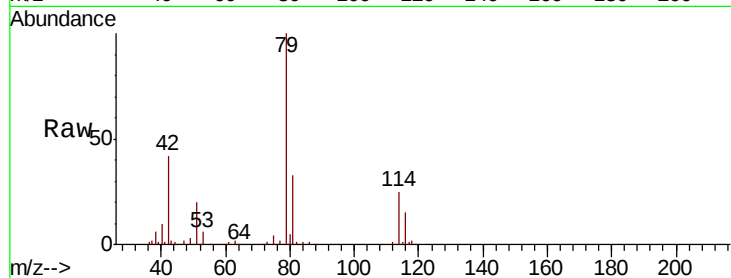
ClientSampleId :

Tot Ion: 75 Resp: 4264

Ion Ratio Lower Upper

75 100

77 58.9 21.8 40.4#



#47

Tetrachloroethene

Concen: 0.577 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW013901.D

Acq: 01 Nov 2019 16:18

Tgt Ion: 164 Resp: 3063

Ion Ratio Lower Upper

164 100

129 56.8 63.0 117.0#

131 83.9 60.6 112.6

166 108.7 90.7 168.5

