

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100918\
 Data File : VW005942.D
 Acq On : 09 Oct 2018 15:10
 Operator : SY/AP
 Sample : VW1009SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 10 07:54:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 10 07:48:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	390541	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	363148	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	193537	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	94803	21.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.08%
7) Chloroethane-d5	2.90	69	86284	22.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.04%
10) 1,1-Dichloroethene-d2	4.01	63	143403	16.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.80%
20) 2-Butanone-d5	7.09	46	70506	48.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.58%
24) Chloroform-d	7.65	84	195338	23.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.36%
26) 1,2-Dichloroethane-d4	8.31	65	114523	24.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.88%
29) Benzene-d6	8.27	84	401966	24.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.52%
33) 1,2-Dichloropropane-d6	9.27	67	118035	23.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.88%
37) Toluene-d8	10.32	98	399047	24.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.80%
38) trans-1,3-Dichloropropene-	10.58	79	59148	24.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.84%
39) 2-Hexanone-d5	10.93	63	60788	50.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	116235	24.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	165755	24.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.96%

Target Compounds

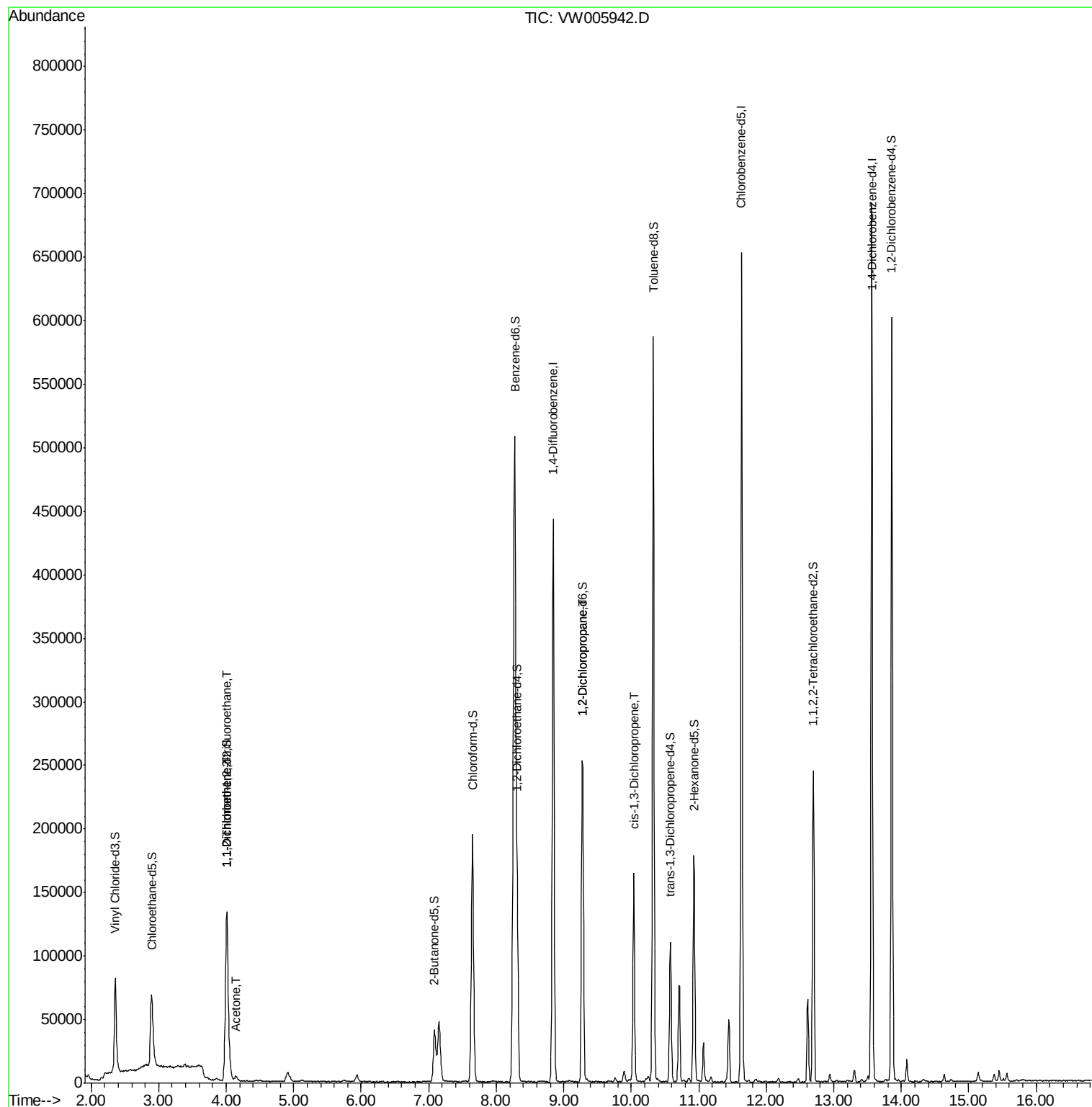
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	1575	0.337 ug/L #	15
12) 1,1-Dichloroethene	4.00	96	1297	0.289 ug/L #	1
13) Acetone	4.14	43	3625	2.458 ug/L	68
40) 1,2-Dichloropropane	9.27	63	13653	2.952 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	4479	0.593 ug/L #	69

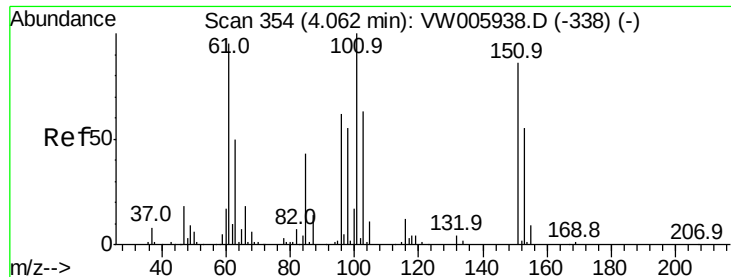
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 10 07:48:46 2018
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.337 ug/L

RT: 4.01 min Scan# 345

Delta R.T. -0.05 min

Lab File: VW005942.D

Acq: 09 Oct 2018 15:10

Instrument :

MSVOA_W

ClientSampleId :

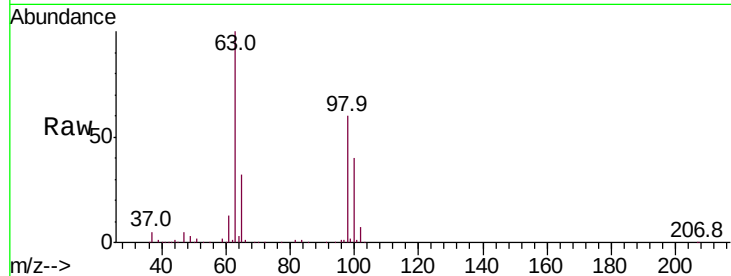
Tot Ion:101 Resp: 1575

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.2#

151 0.0 68.7 103.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V

4.01

600

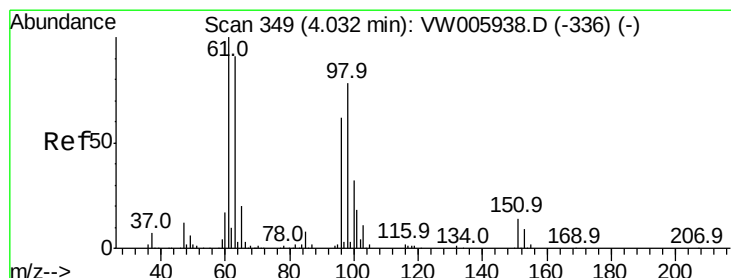
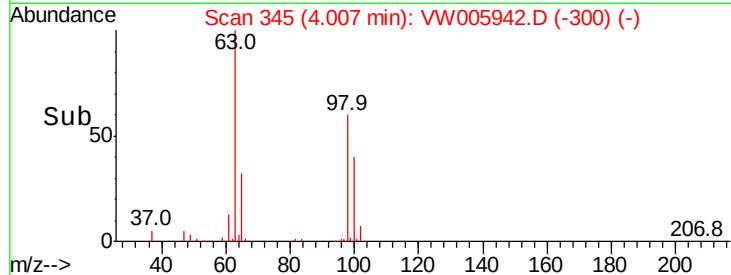
400

200

0

3.95 4.00 4.05 4.10

Time-->



#12

1,1-Dichloroethene

Concen: 0.289 ug/L

RT: 4.00 min Scan# 344

Delta R.T. -0.03 min

Lab File: VW005942.D

Acq: 09 Oct 2018 15:10

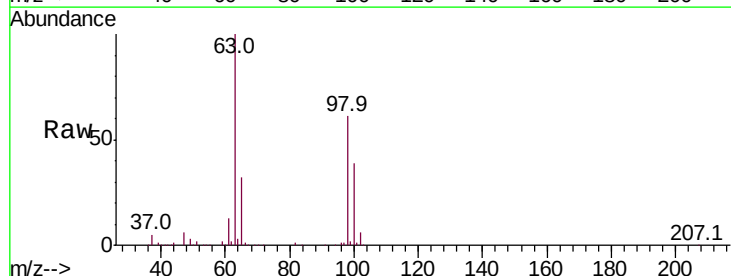
Tgt Ion: 96 Resp: 1297

Ion Ratio Lower Upper

96 100

61 1240.7 112.3 208.7#

63 9832.6 102.6 190.6#



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW

60000

50000

40000

30000

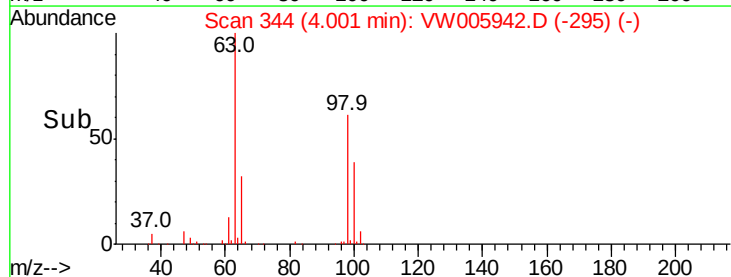
20000

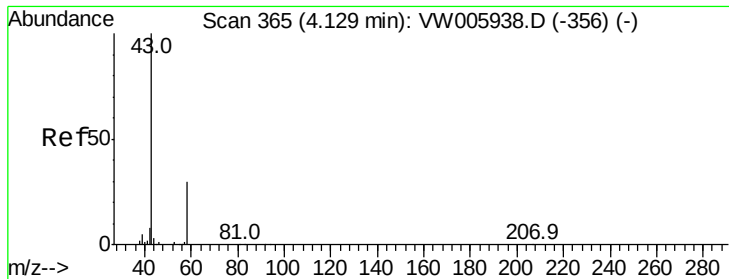
10000

0

3.95 4.00 4.05

Time-->





#13

Acetone

Concen: 2.458 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW005942.D

Acq: 09 Oct 2018 15:10

Instrument :

MSVOA_W

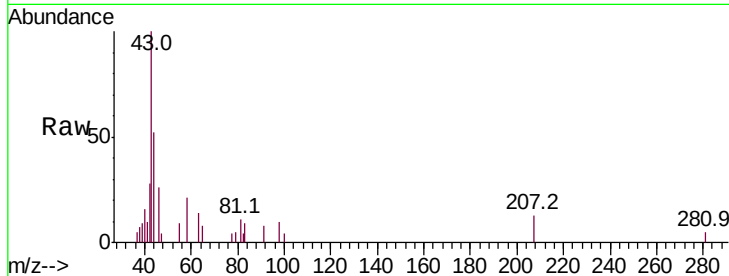
ClientSampled :

Tot Ion: 43 Resp: 3625

Ion Ratio Lower Upper

43 100

58 13.2 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

1500

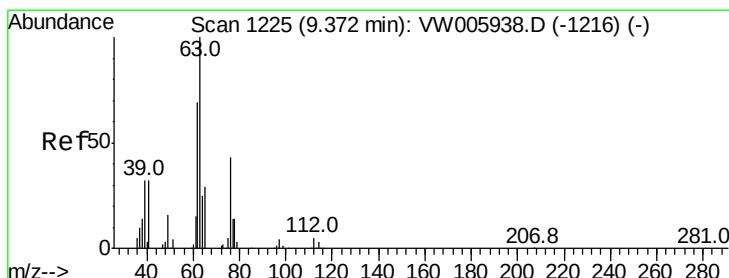
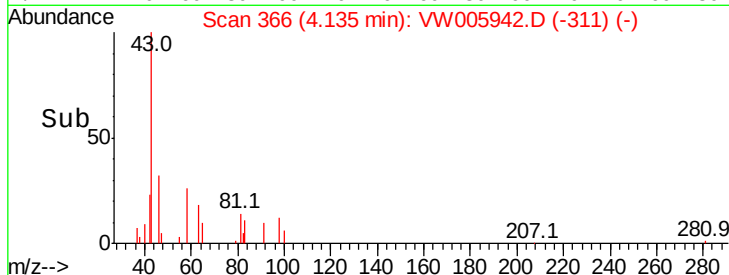
1000

500

0

Time-->

4.05 4.10 4.15 4.20 4.25



#40

1,2-Dichloropropane

Concen: 2.952 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW005942.D

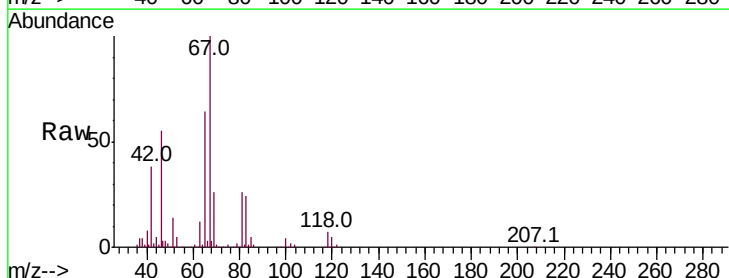
Acq: 09 Oct 2018 15:10

Tgt Ion: 63 Resp: 13653

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

9.27

8000

6000

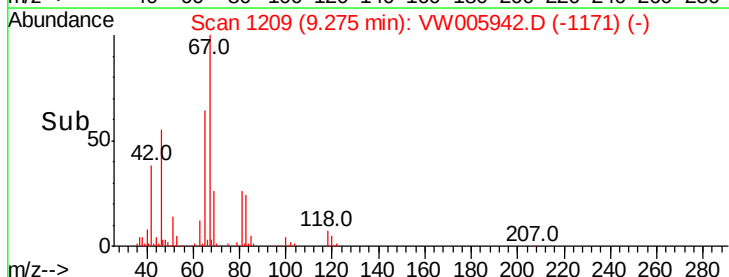
4000

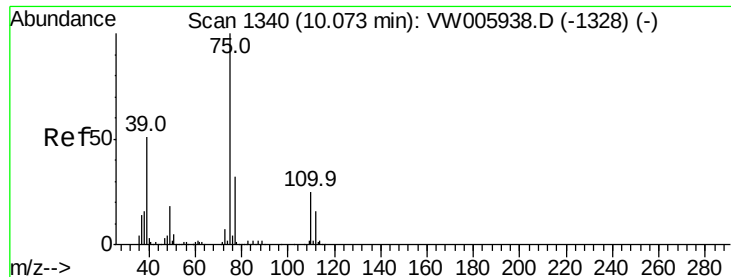
2000

0

Time-->

9.20 9.25 9.30 9.35





#42

cis-1,3-Dichloropropene

Concen: 0.593 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW005942.D

Acq: 09 Oct 2018 15:10

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 4479

Ion Ratio Lower Upper

75 100

77 49.6 22.6 42.0#

