

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121018\
 Data File : VW007352.D
 Acq On : 10 Dec 2018 12:24
 Operator : SY/AP
 Sample : VW1210SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 11 01:20:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 11 01:18:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	130027	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	108674	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	55534	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	25046	29.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.28%
7) Chloroethane-d5	2.90	69	18735	26.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.48%
10) 1,1-Dichloroethene-d2	4.01	63	59301	20.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.20%
20) 2-Butanone-d5	7.07	46	20490	38.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.76%
24) Chloroform-d	7.65	84	76250	24.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.44%
26) 1,2-Dichloroethane-d4	8.30	65	43974	25.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.76%
29) Benzene-d6	8.27	84	154529	26.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.72%
33) 1,2-Dichloropropane-d6	9.27	67	42387	25.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.64%
37) Toluene-d8	10.32	98	147344	26.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.52%
38) trans-1,3-Dichloropropene-	10.58	79	20314	23.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.36%
39) 2-Hexanone-d5	10.93	63	15673	38.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	32372	21.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	47886	24.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.04%

Target Compounds

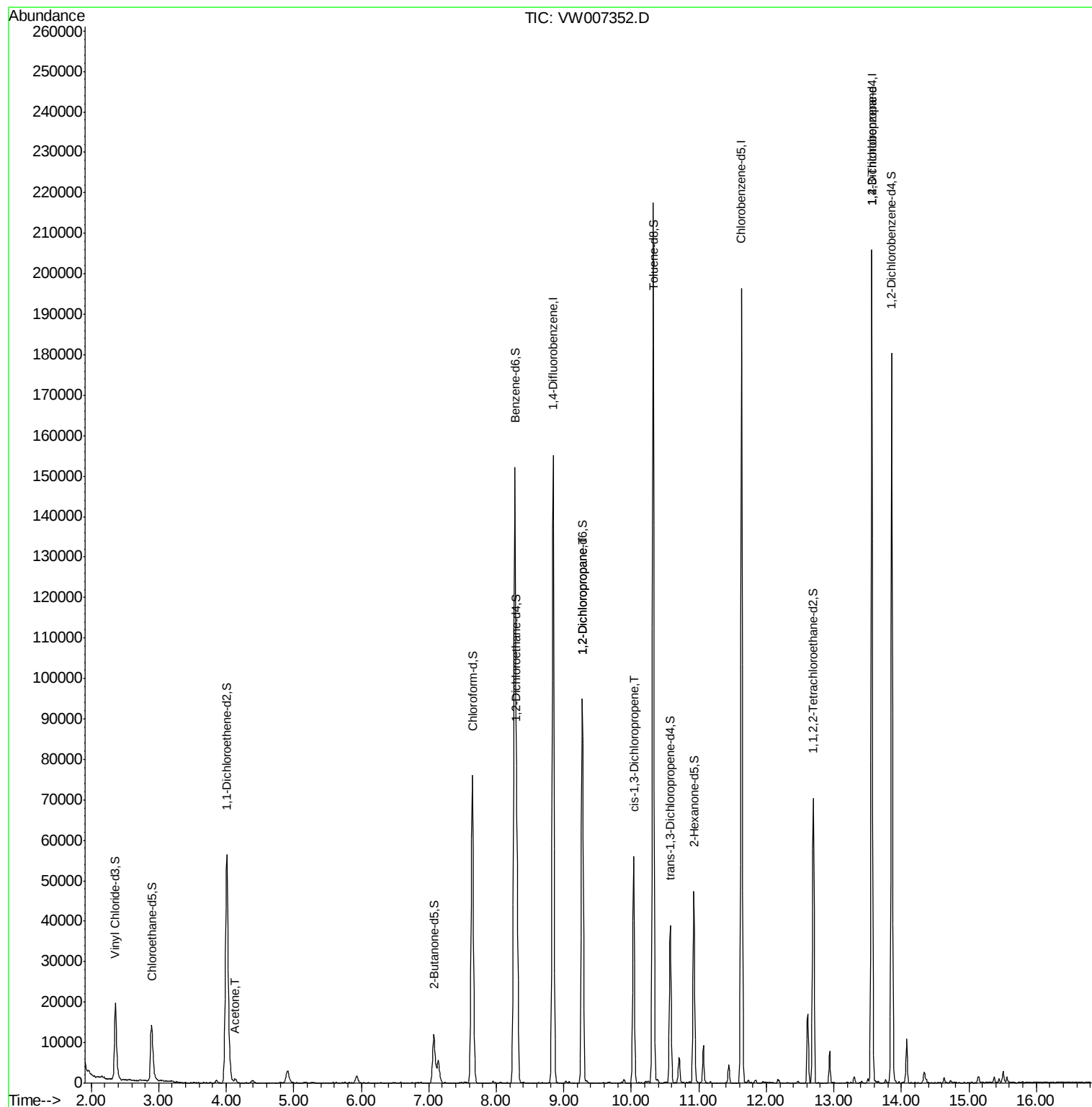
					Ovalue
13) Acetone	4.13	43	1247	2.009 ug/L	75
40) 1,2-Dichloropropane	9.27	63	5154	3.383 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1601	0.626 ug/L	92
59) 1,2,3-Trichloropropane	13.56	75	6037	4.903 ug/L	91

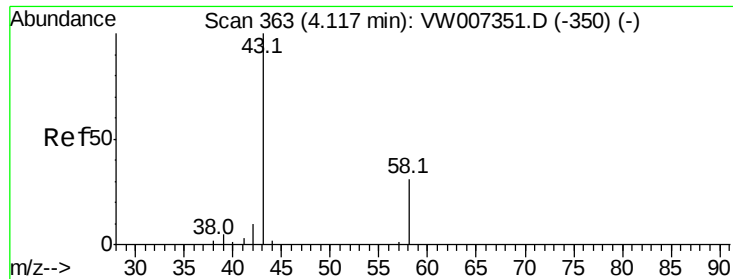
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.009 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007352.D

Acq: 10 Dec 2018 12:24

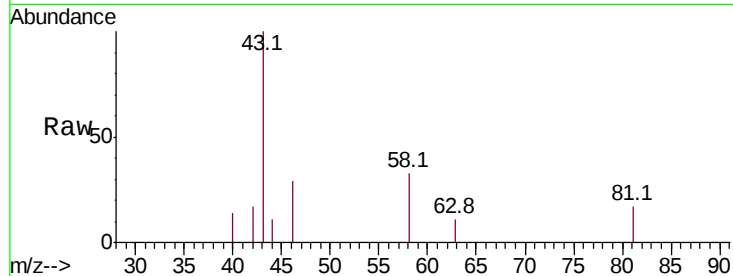
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 1247

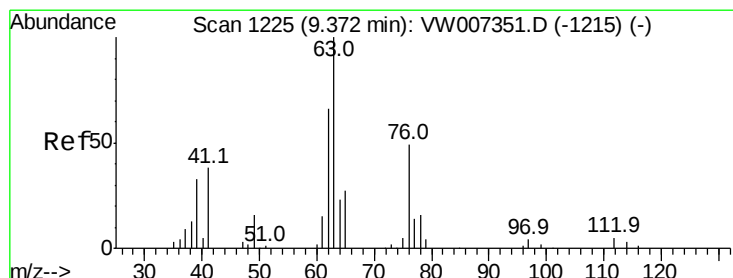
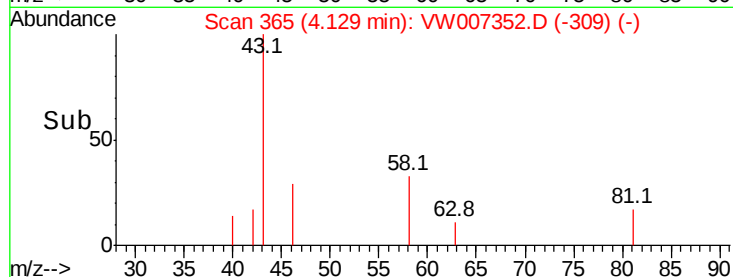
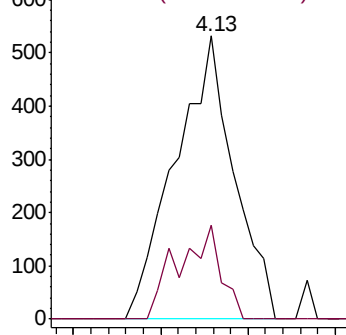
Ion Ratio Lower Upper

43 100

58 16.1 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#40

1,2-Dichloropropane

Concen: 3.383 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW007352.D

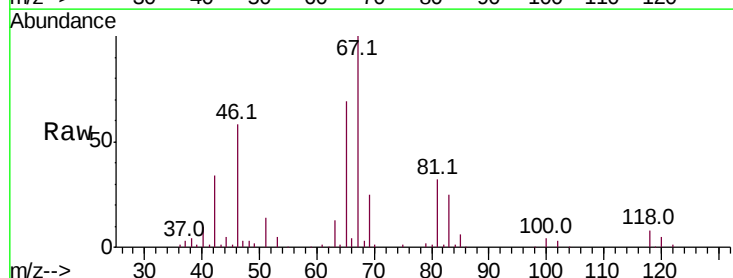
Acq: 10 Dec 2018 12:24

Tgt Ion: 63 Resp: 5154

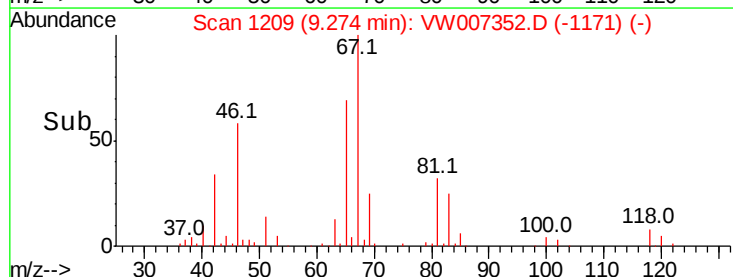
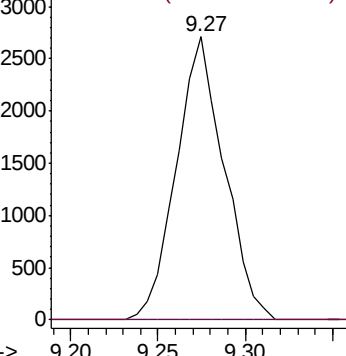
Ion Ratio Lower Upper

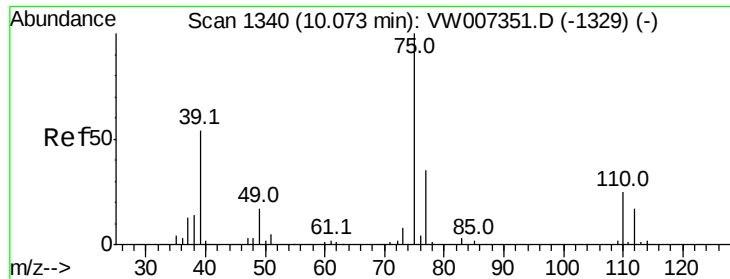
63 100

112 0.0 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VW
Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.626 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW007352.D

Acq: 10 Dec 2018 12:24

Instrument :

MSVOA_W

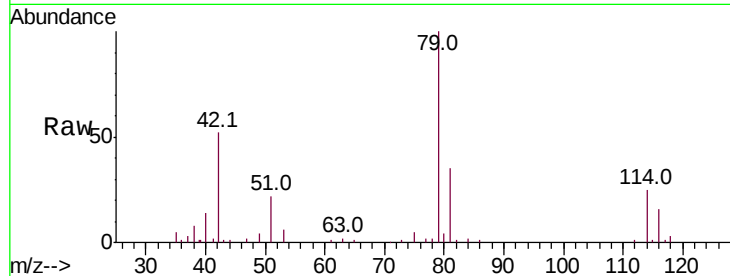
ClientSampled :

Tot Ion: 75 Resp: 1601

Ion Ratio Lower Upper

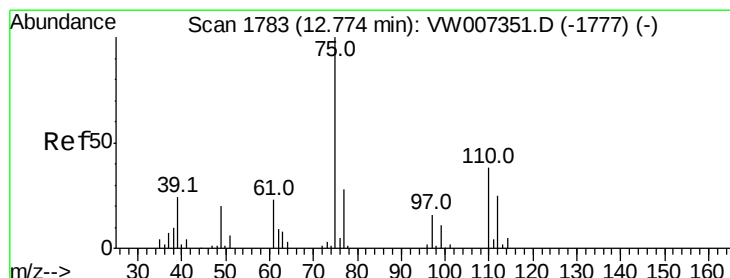
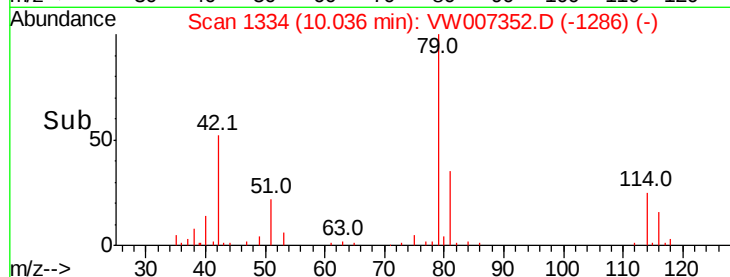
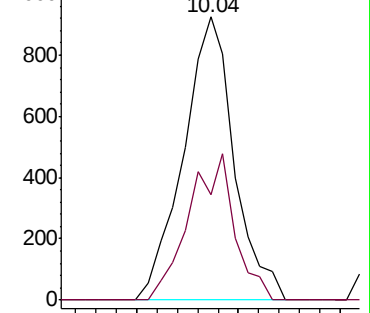
75 100

77 37.4 23.0 42.6



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: 4.903 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW007352.D

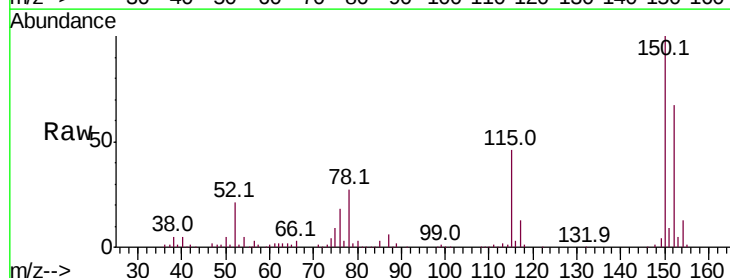
Acq: 10 Dec 2018 12:24

Tgt Ion: 75 Resp: 6037

Ion Ratio Lower Upper

75 100

77 38.0 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

