

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121218\
 Data File : VW007401.D
 Acq On : 11 Dec 2018 17:08
 Operator : SY/AP
 Sample : J6271-14
 Misc : 6.05G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 02:42:30 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	111673	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	101275	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	45633	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	20530	28.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.88%
7) Chloroethane-d5	2.90	69	15171	24.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.52%
10) 1,1-Dichloroethene-d2	4.01	63	50605	20.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.68%
20) 2-Butanone-d5	7.08	46	24672	53.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.62%
24) Chloroform-d	7.65	84	71125	27.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	8.31	65	44248	29.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.04%
29) Benzene-d6	8.27	84	138408	25.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.64%
33) 1,2-Dichloropropane-d6	9.27	67	39828	25.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.48%
37) Toluene-d8	10.32	98	130877	25.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.52%
38) trans-1,3-Dichloropropene-	10.58	79	20697	25.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.16%
39) 2-Hexanone-d5	10.93	63	19318	51.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	40776	28.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	44844	27.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.72%

Target Compounds

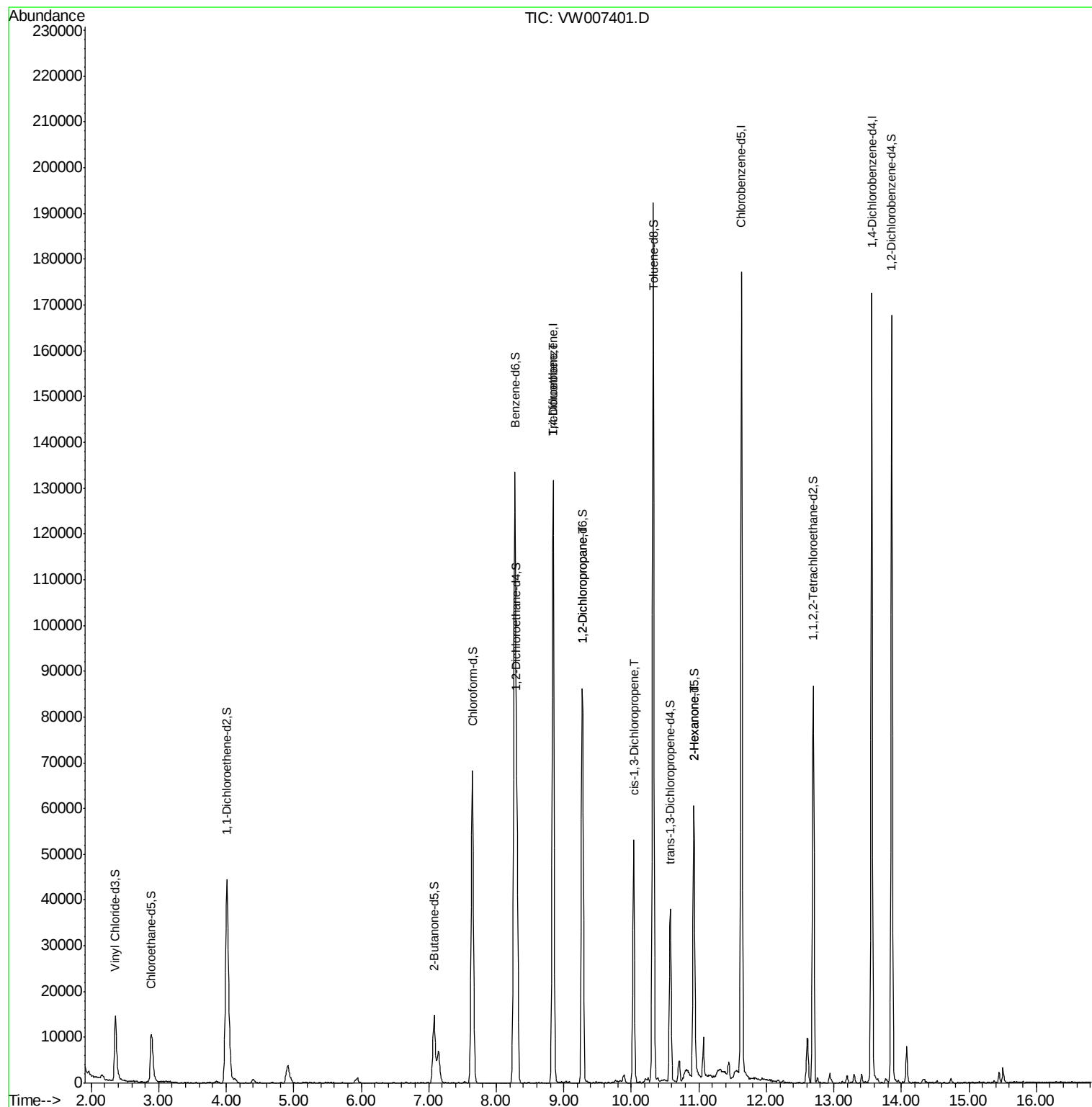
					Ovalue
35) Trichloroethene	8.84	95	3429	2.060 ug/L #	4
40) 1,2-Dichloropropane	9.27	63	4867	3.428 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1350	0.566 ug/L	91
49) 2-Hexanone	10.93	43	3221	4.078 ug/L #	63

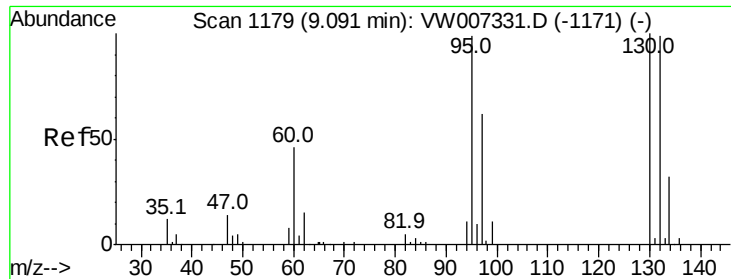
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 2.060 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007401.D

Acq: 11 Dec 2018 17:08

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 95 Resp: 3429

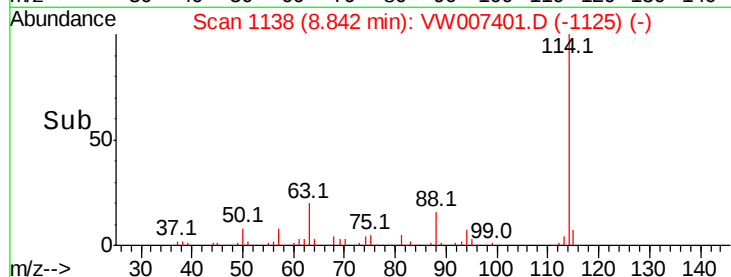
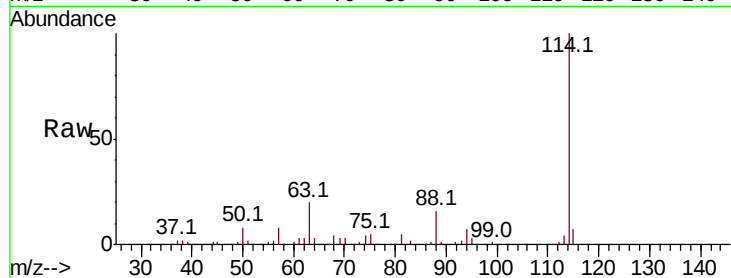
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#

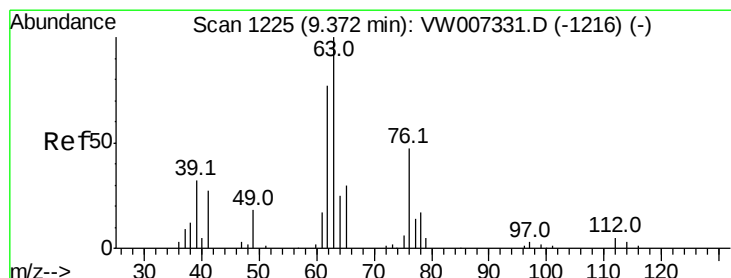
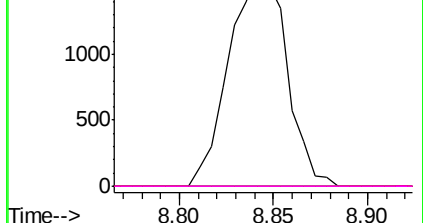


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#40

1,2-Dichloropropane

Concen: 3.428 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW007401.D

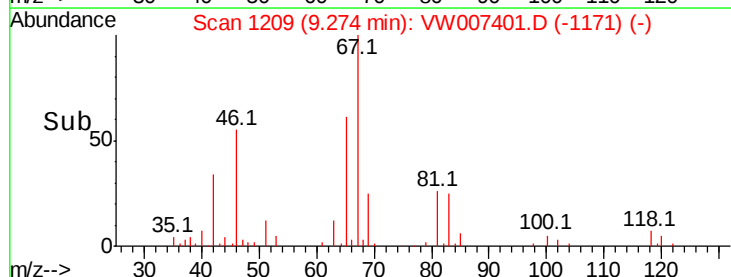
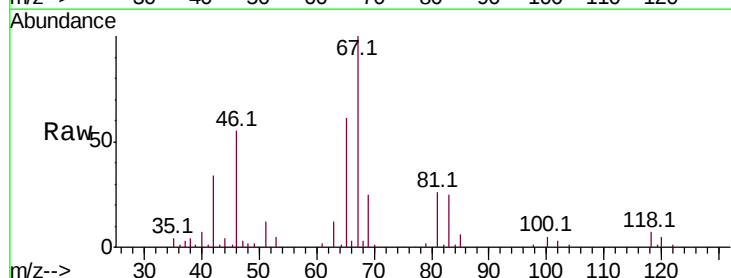
Acq: 11 Dec 2018 17:08

Tgt Ion: 63 Resp: 4867

Ion Ratio Lower Upper

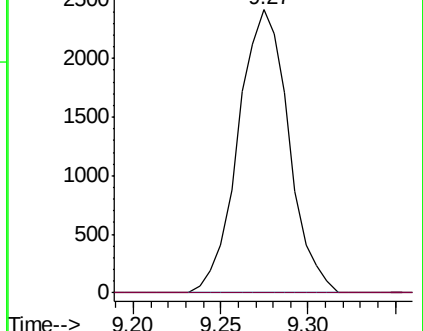
63 100

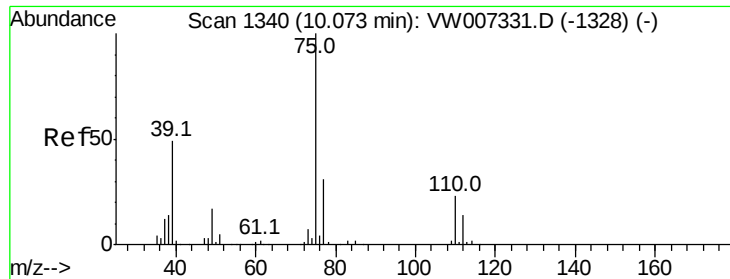
112 0.0 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.566 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW007401.D

Acq: 11 Dec 2018 17:08

Instrument :

MSVOA_W

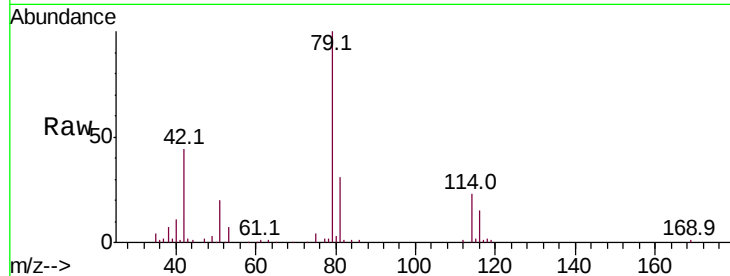
ClientSampled :

Tot Ion: 75 Resp: 1350

Ion Ratio Lower Upper

75 100

77 37.8 23.0 42.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.04

800

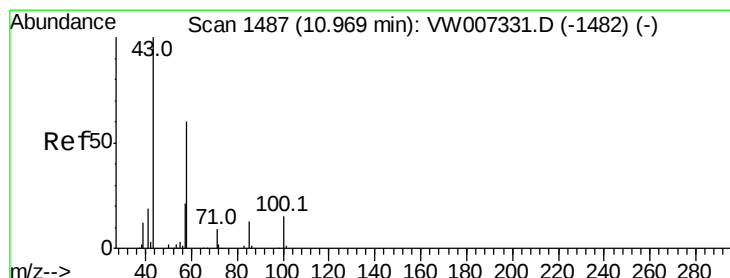
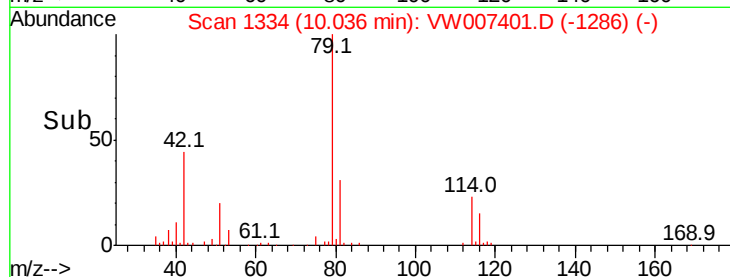
600

400

200

0

Time-->



#49

2-Hexanone

Concen: 4.078 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW007401.D

Acq: 11 Dec 2018 17:08

Tgt Ion: 43 Resp: 3221

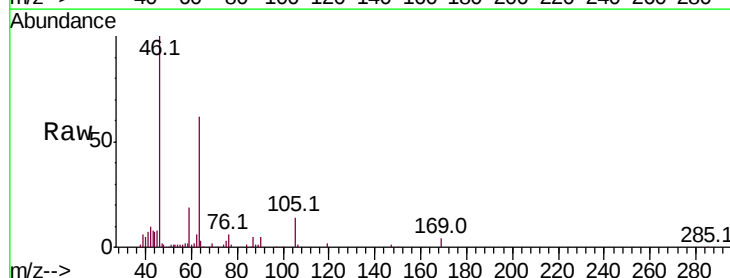
Ion Ratio Lower Upper

43 100

58 21.0 47.2 70.8#

57 26.3 17.6 26.4

100 3.8 12.2 18.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

2000

1500

1000

500

0

Time-->

