

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120718\
 Data File : VW007314.D
 Acq On : 07 Dec 2018 18:23
 Operator : SY/AP
 Sample : J6077-04
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Dec 08 02:06:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 08 02:02:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	142564	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	123642	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	62300	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	26169	28.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.72%
7) Chloroethane-d5	2.89	69	20735	26.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.48%
10) 1,1-Dichloroethene-d2	4.01	63	63687	19.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.52%
20) 2-Butanone-d5	7.08	46	27418	46.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.68%
24) Chloroform-d	7.65	84	83767	24.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.64%
26) 1,2-Dichloroethane-d4	8.31	65	49482	25.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.40%
29) Benzene-d6	8.27	84	171881	25.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.40%
33) 1,2-Dichloropropane-d6	9.27	67	48519	25.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.28%
37) Toluene-d8	10.32	98	163321	25.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.76%
38) trans-1,3-Dichloropropene-	10.58	79	23890	24.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.56%
39) 2-Hexanone-d5	10.93	63	21154	45.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	40558	23.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	57138	26.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.28%

Target Compounds

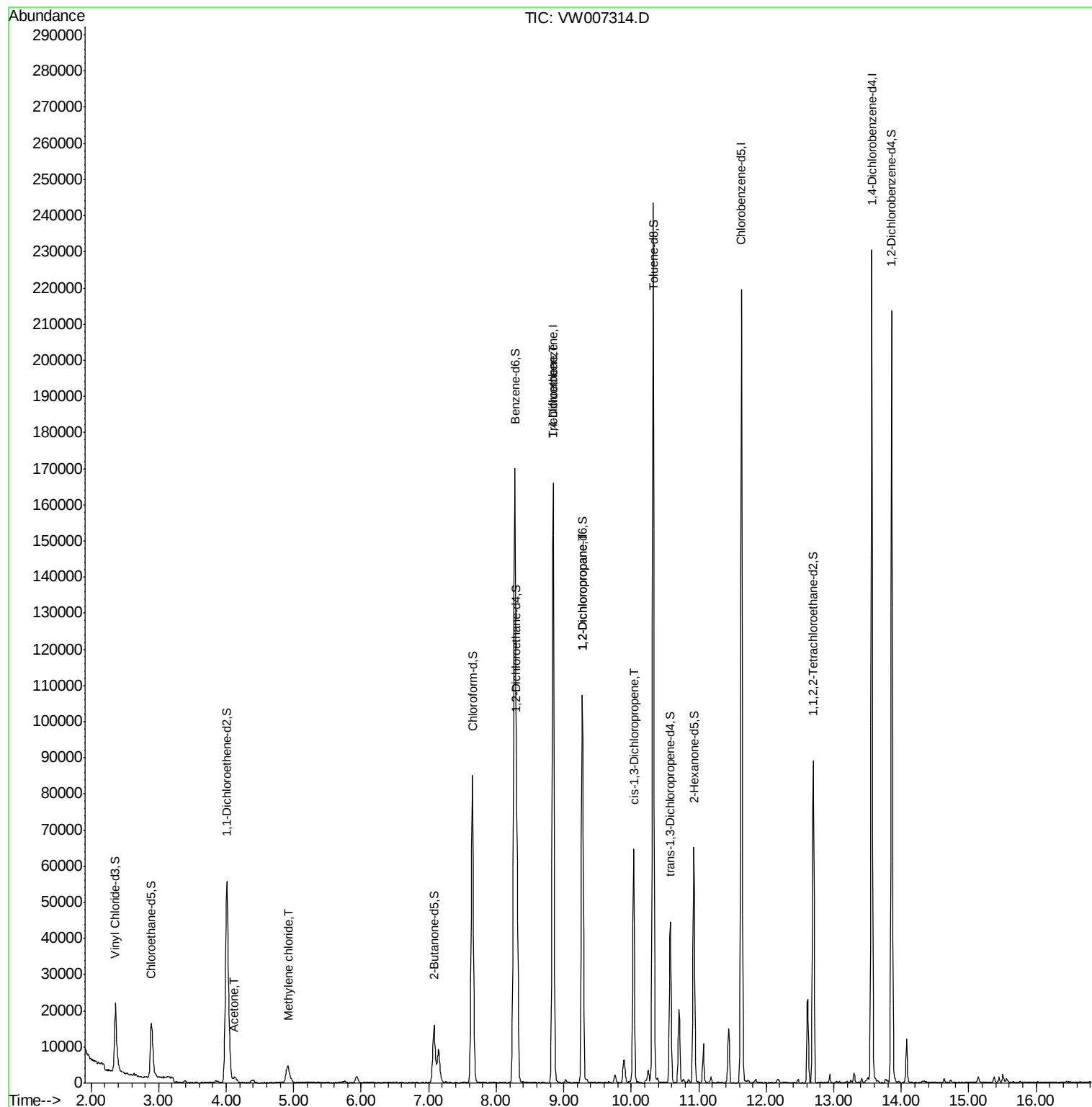
					Ovalue
13) Acetone	4.12	43	1783	2.620 ug/L	74
16) Methylene chloride	4.91	84	3679	1.597 ug/L	83
35) Trichloroethene	8.84	95	4429	2.179 ug/L #	4
40) 1,2-Dichloropropane	9.27	63	5422	3.128 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	1782	0.612 ug/L #	80

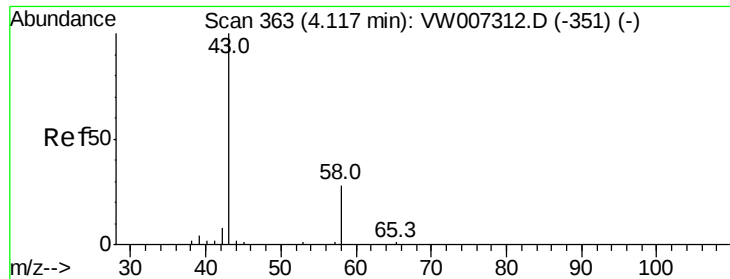
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 08 02:02:23 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.620 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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Acq: 07 Dec 2018 18:23

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MSVOA_W

ClientSampleId :

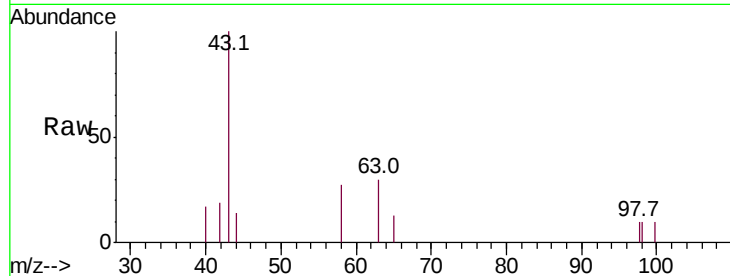
VHBLK01

Tot Ion: 43 Resp: 1783

Ion Ratio Lower Upper

43 100

58 15.4 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

800

600

400

200

0

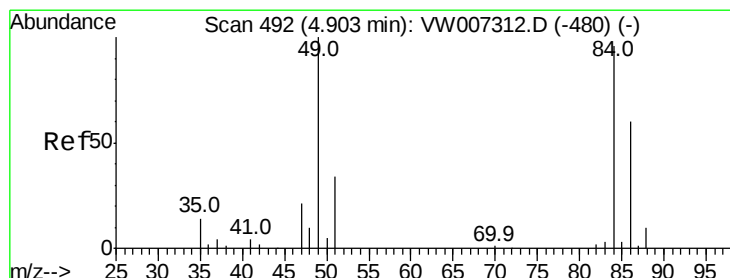
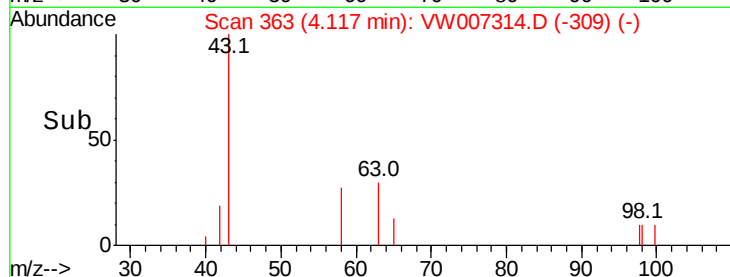
4.05

4.10

4.15

4.20

Time-->



#16

Methylene chloride

Concen: 1.597 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

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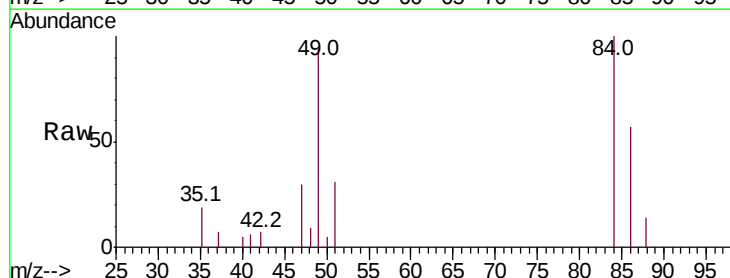
Tgt Ion: 84 Resp: 3679

Ion Ratio Lower Upper

84 100

49 93.8 80.8 150.2

86 56.7 45.8 85.2



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

1500

1000

500

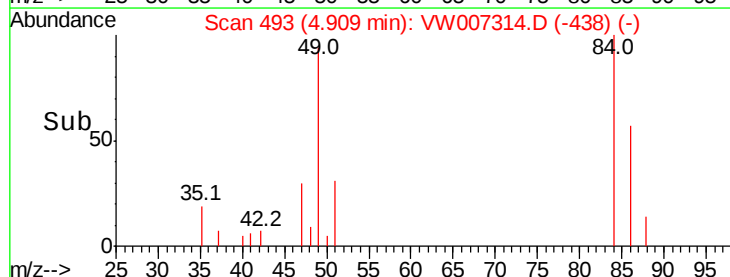
0

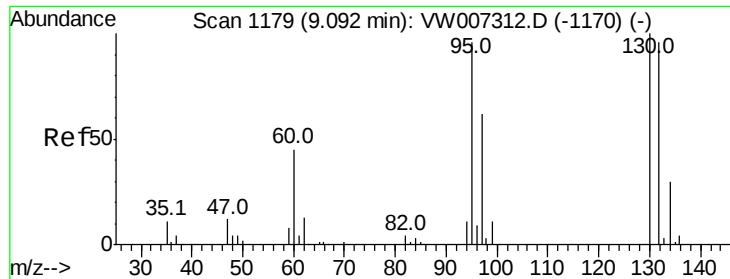
4.85

4.90

4.95

Time-->





#35

Trichloroethene

Concen: 2.179 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007314.D

Acq: 07 Dec 2018 18:23

Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

Tot Ion: 95 Resp: 4429

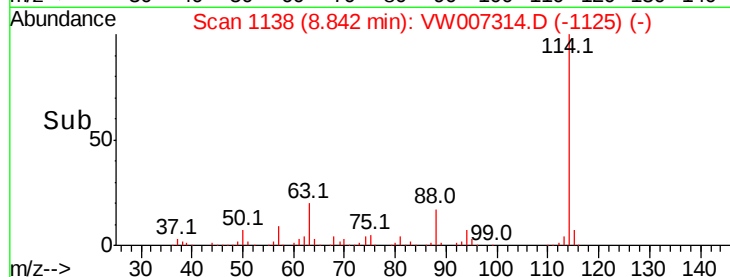
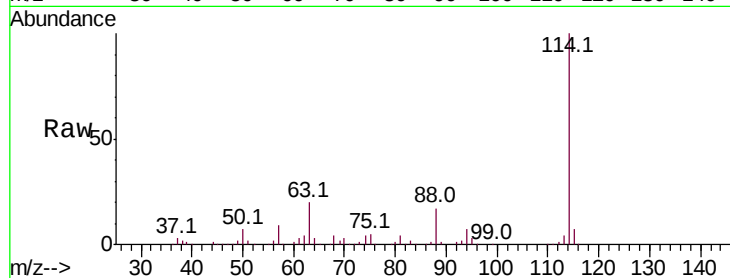
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#

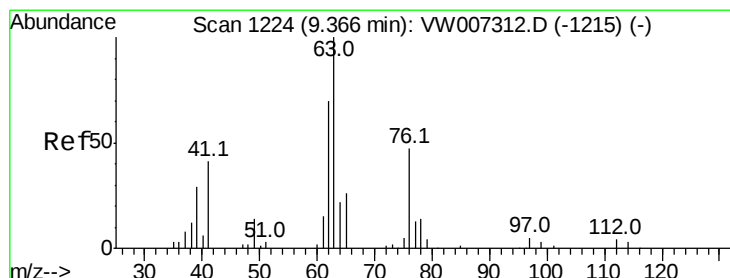
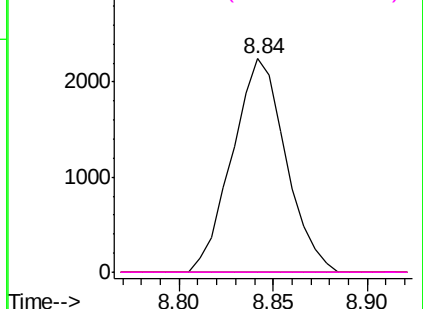


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 3.128 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW007314.D

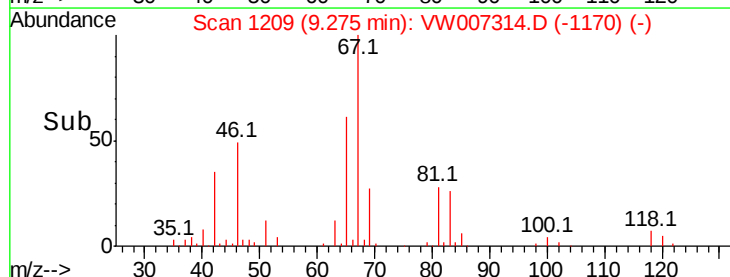
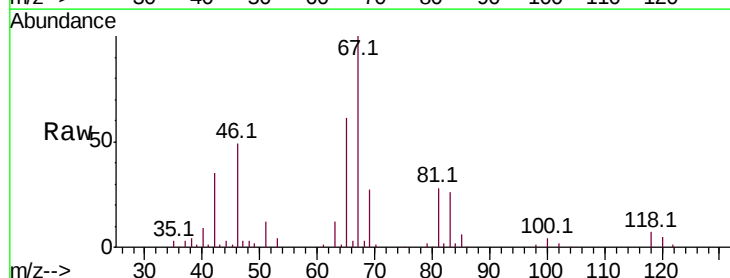
Acq: 07 Dec 2018 18:23

Tgt Ion: 63 Resp: 5422

Ion Ratio Lower Upper

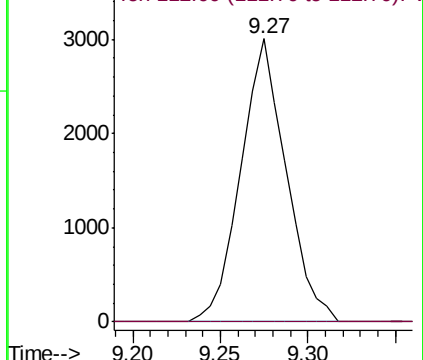
63 100

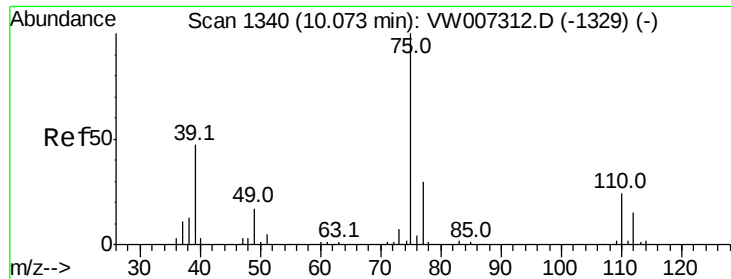
112 0.0 3.6 5.4#



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: 0.612 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW007314.D

Acq: 07 Dec 2018 18:23

Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 1782

Ion Ratio Lower Upper

75 100

77 44.3 23.0 42.6#

