

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101419\
 Data File : VW013566.D
 Acq On : 14 Oct 2019 16:51
 Operator : SY/VA
 Sample : K5354-05
 Misc : 6.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 14 17:38:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 14 15:29:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	340591	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	266408	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	89503	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	59209	15.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.76%
7) Chloroethane-d5	2.88	69	54167	18.10	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.40%
10) 1,1-Dichloroethene-d2	4.01	63	93578	11.57	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.28%
20) 2-Butanone-d5	7.08	46	54562	46.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.94%
24) Chloroform-d	7.65	84	154456	20.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.52%
26) 1,2-Dichloroethane-d4	8.30	65	87612	22.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.44%
29) Benzene-d6	8.27	84	307865	21.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.28%
33) 1,2-Dichloropropane-d6	9.27	67	100287	23.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.76%
37) Toluene-d8	10.32	98	257660	19.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.08%
38) trans-1,3-Dichloropropene-	10.58	79	34442	18.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.04%
39) 2-Hexanone-d5	10.92	63	38352	45.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	84770	24.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	66714	20.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.96%

Target Compounds

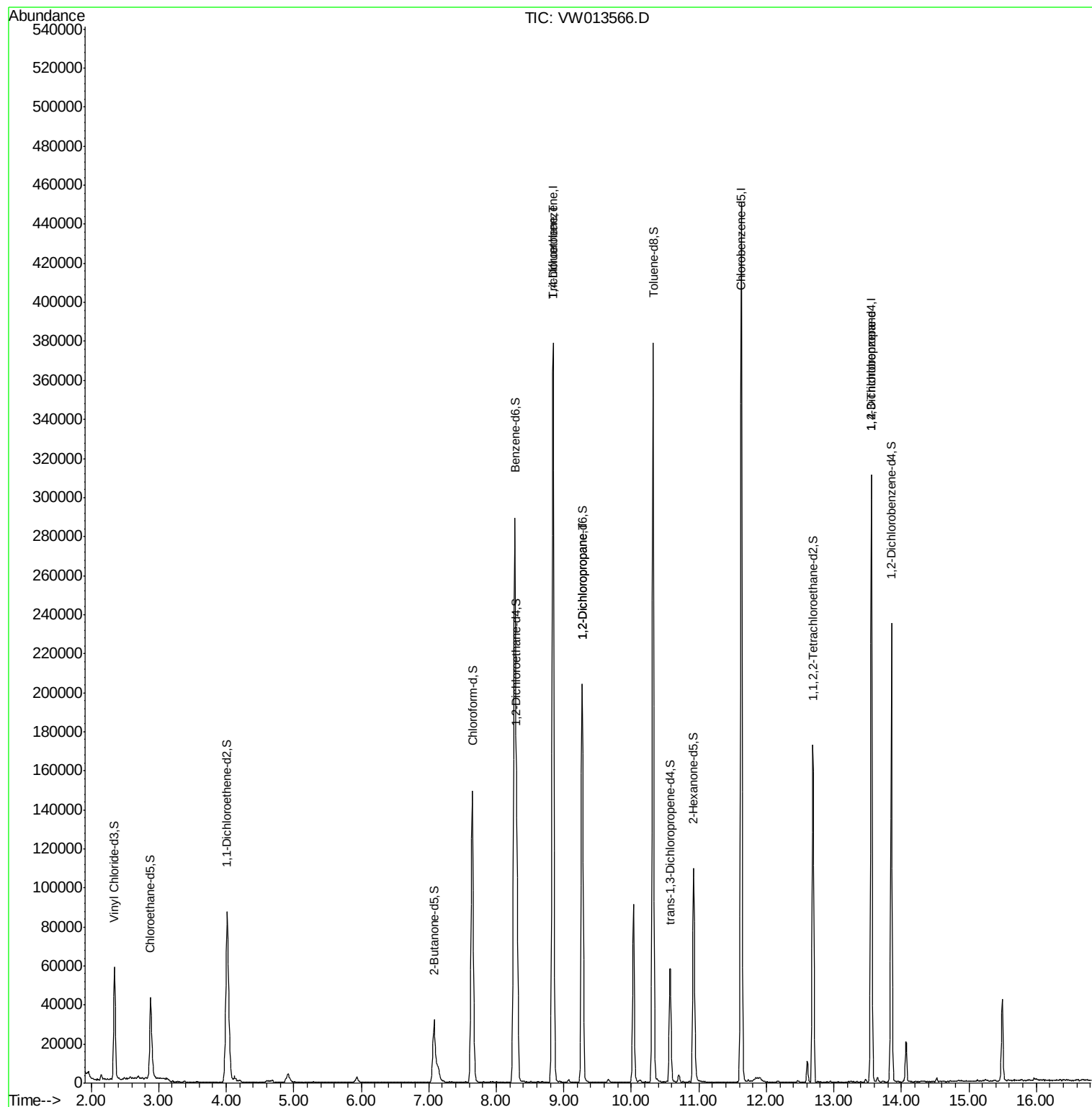
					Ovalue
35) Trichloroethene	8.84	95	9351	2.227 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	10649	2.747 ug/L #	85
59) 1,2,3-Trichloropropane	13.55	75	9100	3.505 ug/L	90

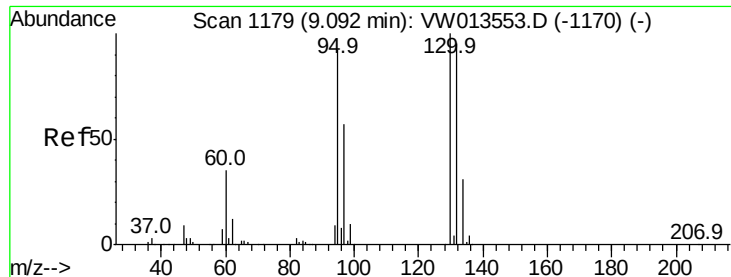
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 2.227 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 9351

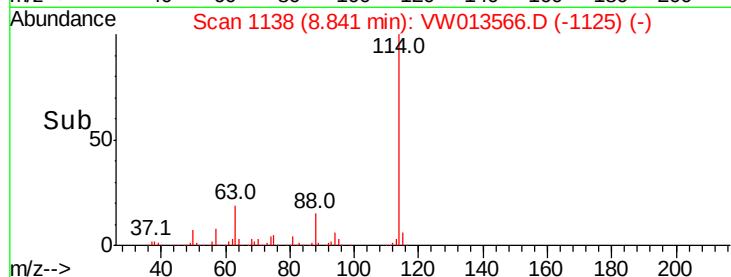
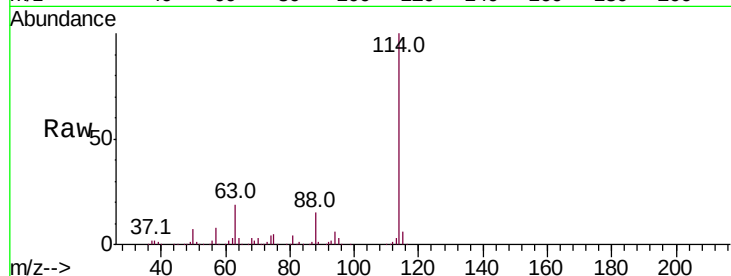
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.7#

132 0.0 73.6 136.8#

130 0.7 76.3 141.7#

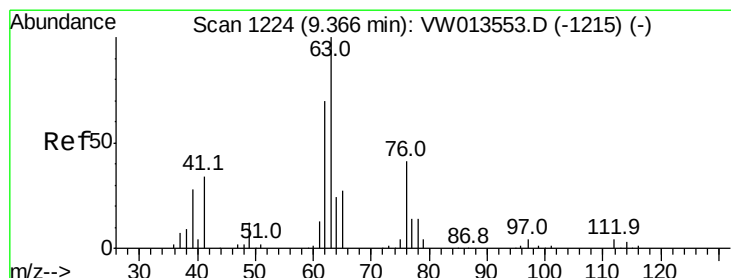
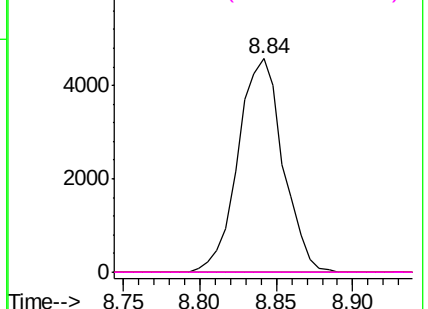


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 2.747 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

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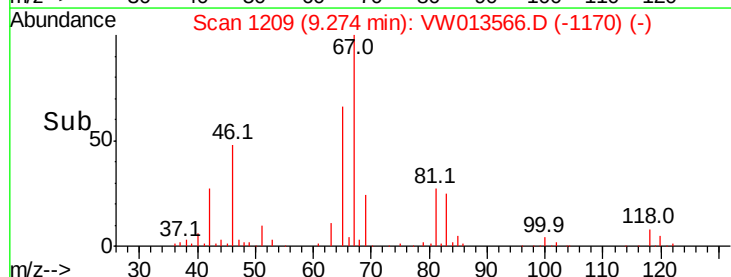
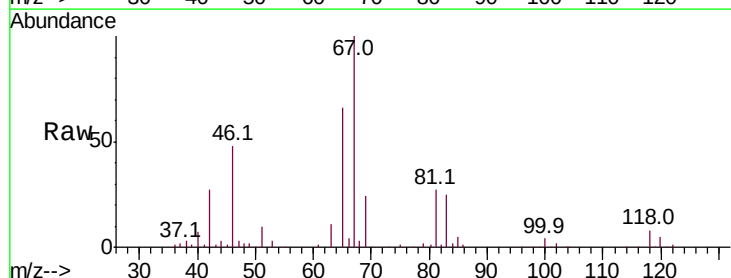
Acq: 14 Oct 2019 16:51

Tgt Ion: 63 Resp: 10649

Ion Ratio Lower Upper

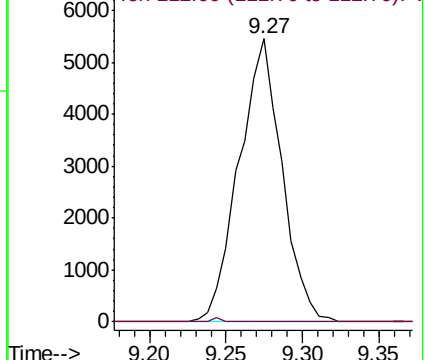
63 100

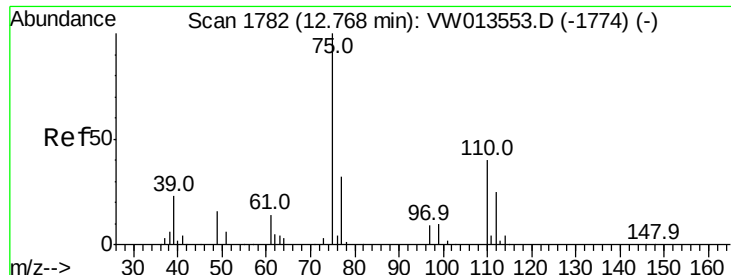
112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW





#59

1,2,3-Trichloropropane

Concen: 3.505 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013566.D

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Tot Ion: 75 Resp: 9100

Ion Ratio Lower Upper

75 100

77 37.6 25.5 38.3

