

Data File : VW013568.D
Acq On : 14 Oct 2019 17:43
Operator : SY/VA
Sample : K5354-02RE
Misc : 4.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB88RE

Quant Time: Oct 15 02:04:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 15 02:01:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	207828	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	148061	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	40886	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	46664	19.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.48%
7) Chloroethane-d5	2.89	69	42829	23.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.80%
10) 1,1-Dichloroethene-d2	4.01	63	72498	14.68	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.72%
20) 2-Butanone-d5	7.07	46	43266	60.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.78%
24) Chloroform-d	7.65	84	115074	25.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.96%
26) 1,2-Dichloroethane-d4	8.30	65	63545	27.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.68%
29) Benzene-d6	8.27	84	228148	28.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.08%
33) 1,2-Dichloropropane-d6	9.27	67	75493	32.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	128.32%#
37) Toluene-d8	10.32	98	178552	23.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.88%
38) trans-1,3-Dichloropropene-	10.57	79	24343	23.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.88%
39) 2-Hexanone-d5	10.92	63	31106	66.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	57047	30.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.96%#
61) 1,2-Dichlorobenzene-d4	13.85	152	36680	24.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.84%

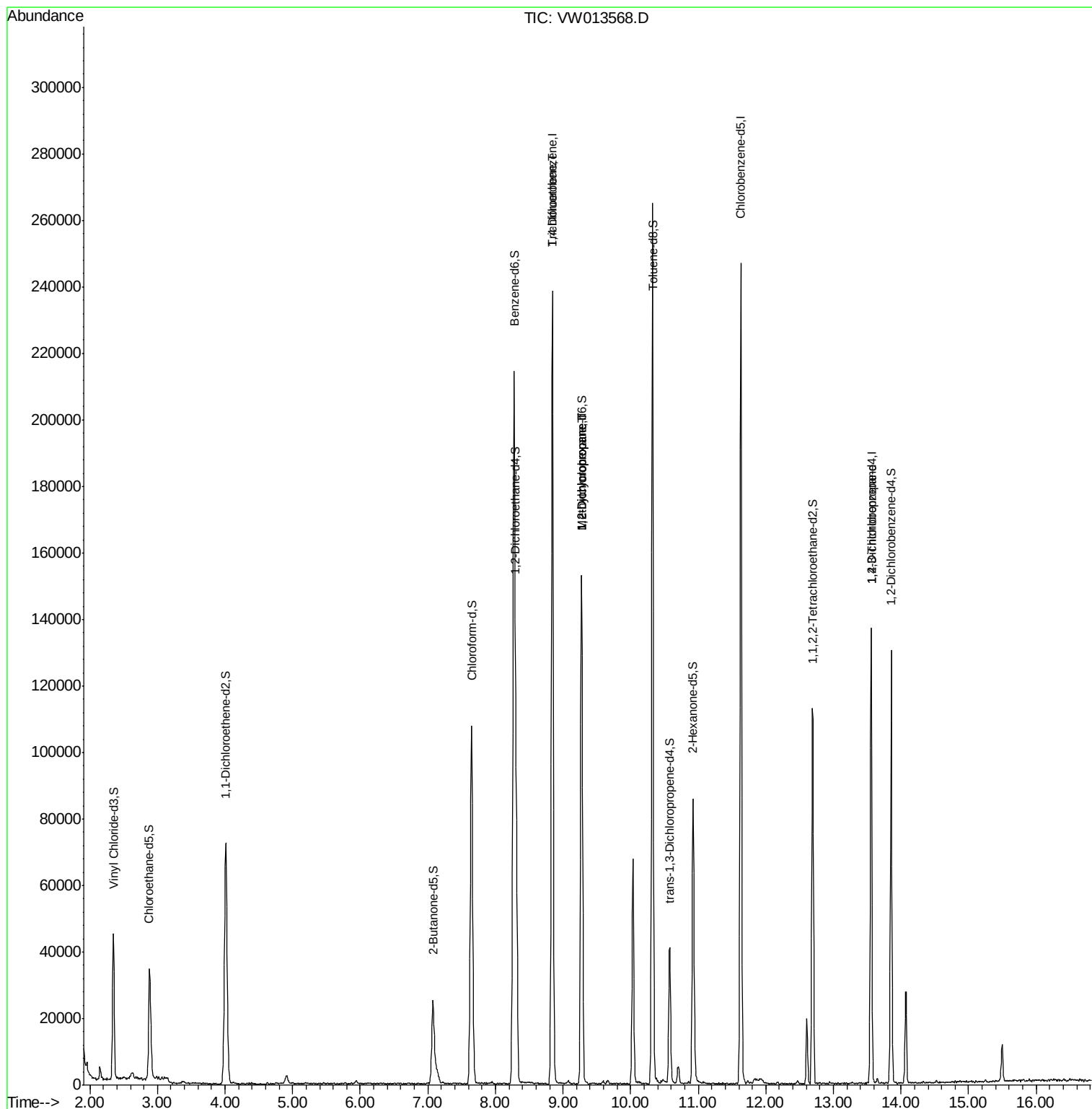
Target Compounds					Qvalue
35) Trichloroethene	8.84	95	5866	2.514 ug/L #	3
36) Methylcyclohexane	9.27	83	17320	4.082 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	7918	3.675 ug/L #	85
59) 1,2,3-Trichloropropane	13.55	75	4169	2.889 ug/L	89

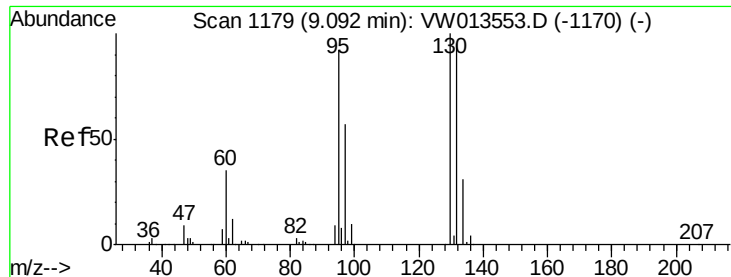
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 2.514 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Instrument :

MSVOA_W

ClientSampleId :

BFB88RE

Tgt Ion: 95 Resp: 5866

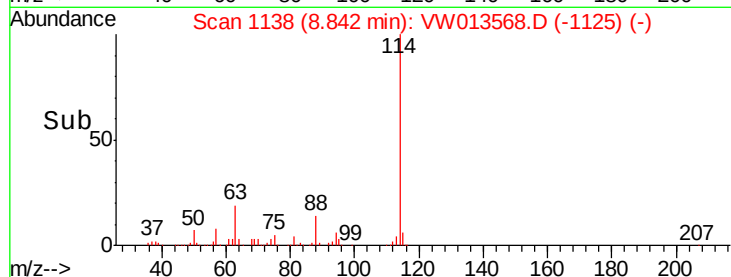
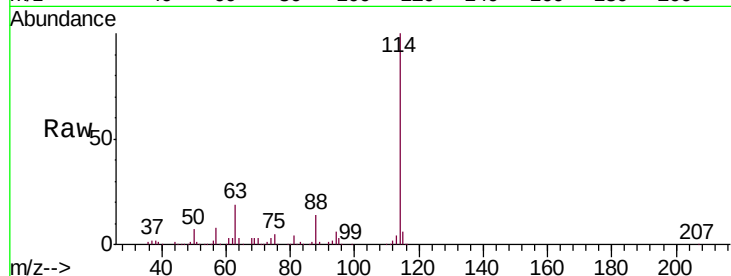
Ion Ratio Lower Upper

95 100

97 0.9 45.1 83.7#

132 0.0 73.6 136.8#

130 3.2 76.3 141.7#

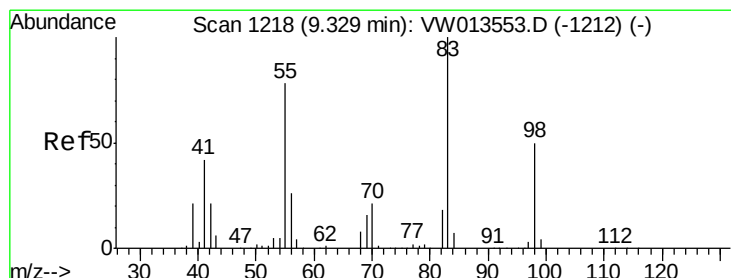
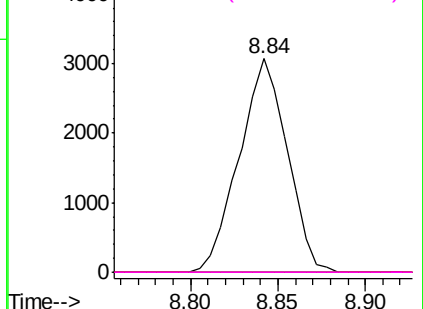


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#36

Methylcyclohexane

Concen: 4.082 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.06 min

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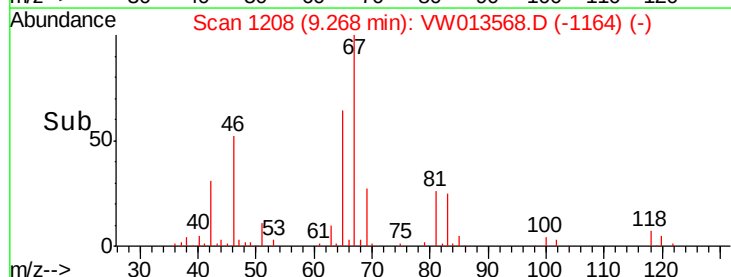
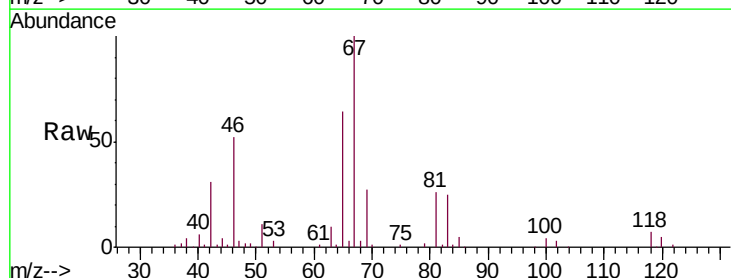
Tgt Ion: 83 Resp: 17320

Ion Ratio Lower Upper

83 100

55 0.7 60.4 90.6#

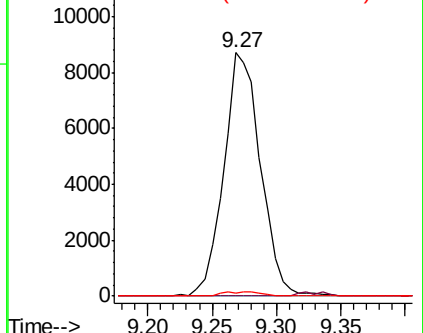
98 0.7 39.3 58.9#

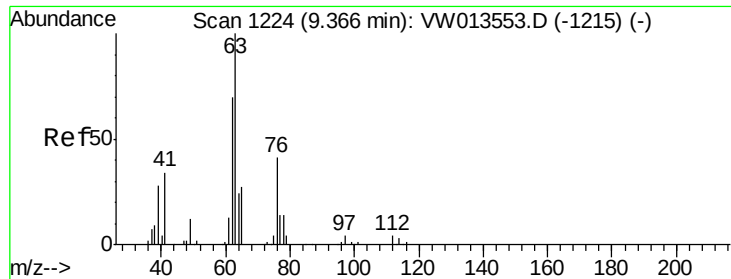


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 3.675 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

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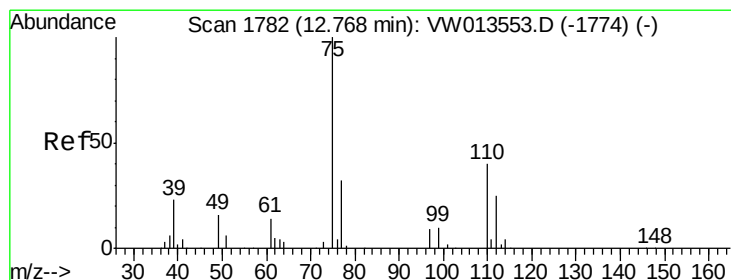
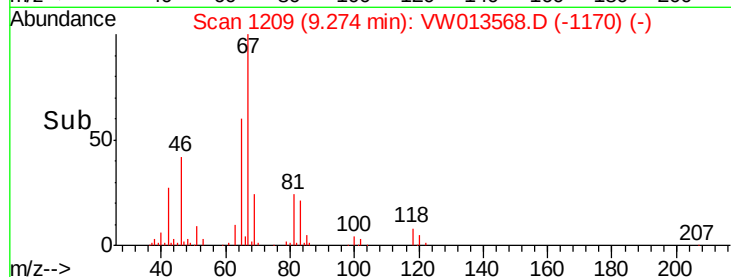
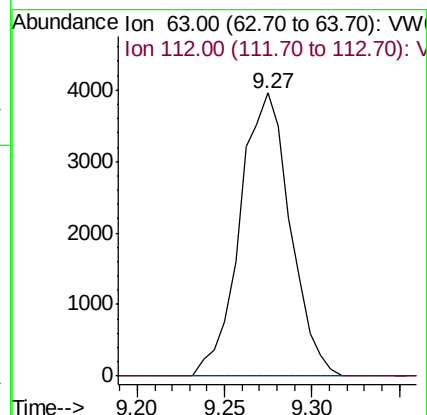
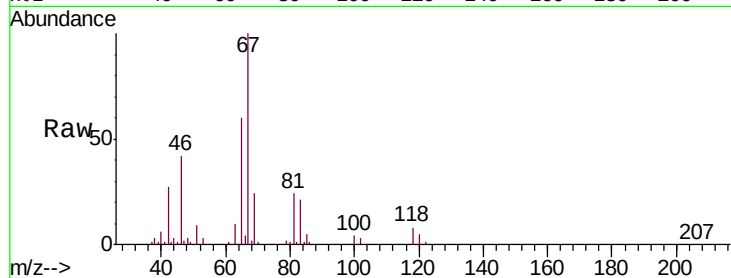
BFB88RE

Tgt Ion: 63 Resp: 7918

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#59

1,2,3-Trichloropropane

Concen: 2.889 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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Tgt Ion: 75 Resp: 4169

Ion Ratio Lower Upper

75 100

77 38.1 25.5 38.3

