

Data File : VW013570.D
Acq On : 14 Oct 2019 18:35
Operator : SY/VA
Sample : K5354-04RE
Misc : 4.68G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB90RE

Quant Time: Oct 15 02:04:32 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	220228	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	186487	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	71796	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	41292	16.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.52%
7) Chloroethane-d5	2.89	69	37940	19.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.44%
10) 1,1-Dichloroethene-d2	4.01	63	67515	12.91	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.64%
20) 2-Butanone-d5	7.07	46	51870	68.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.64%#
24) Chloroform-d	7.65	84	115044	24.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	8.31	65	67732	27.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.32%
29) Benzene-d6	8.27	84	222048	22.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.92%
33) 1,2-Dichloropropane-d6	9.27	67	76549	25.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.32%
37) Toluene-d8	10.32	98	187770	19.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.20%
38) trans-1,3-Dichloropropene-	10.57	79	29293	22.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.76%
39) 2-Hexanone-d5	10.93	63	36623	61.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	71112	29.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	58698	22.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.00%

Target Compounds

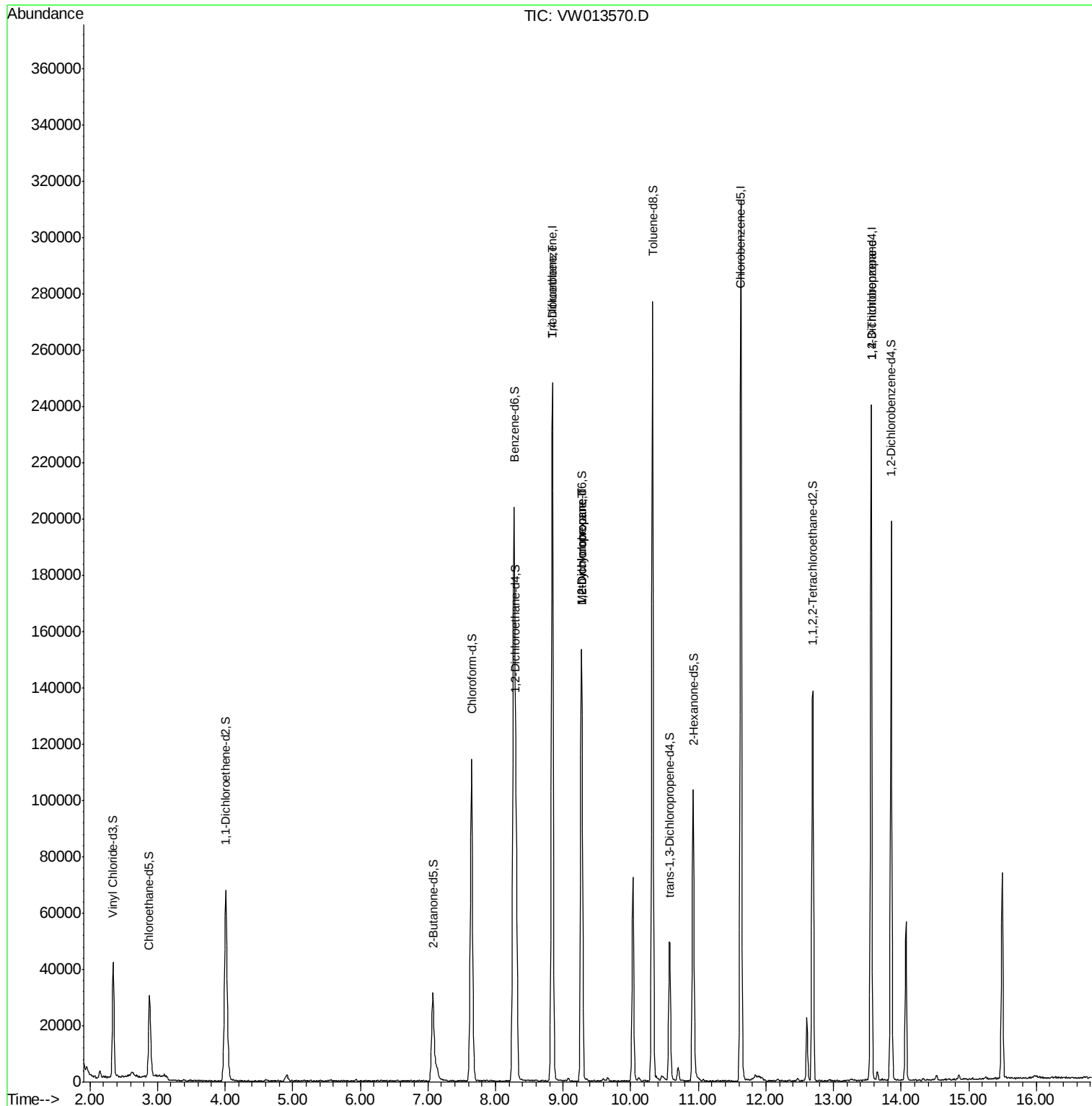
					Qvalue
35) Trichloroethene	8.84	95	6319	2.150 ug/L #	3
36) Methylcyclohexane	9.27	83	18983	3.552 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	7722	2.845 ug/L #	85
59) 1,2,3-Trichloropropane	13.56	75	7264	3.997 ug/L	99

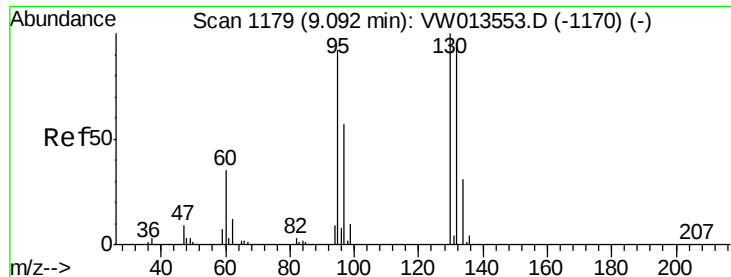
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 2.150 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Instrument :

MSVOA_W

ClientSampleId :

BFB90RE

Tgt Ion: 95 Resp: 6319

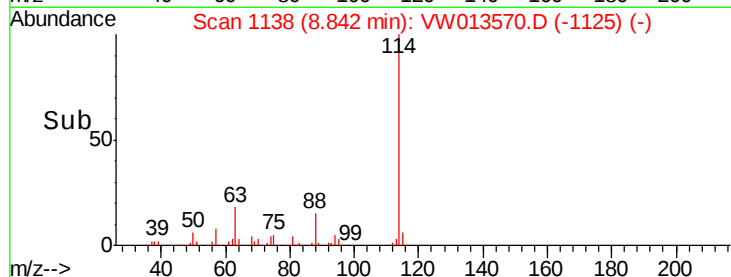
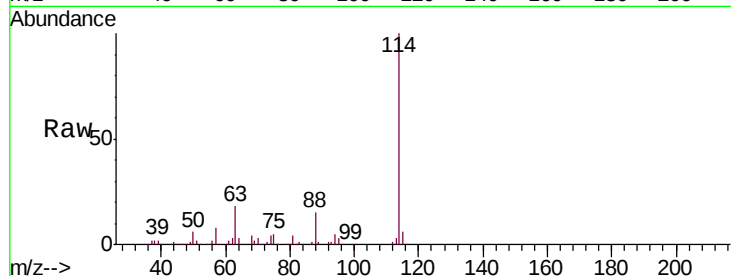
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.7#

132 2.3 73.6 136.8#

130 0.0 76.3 141.7#

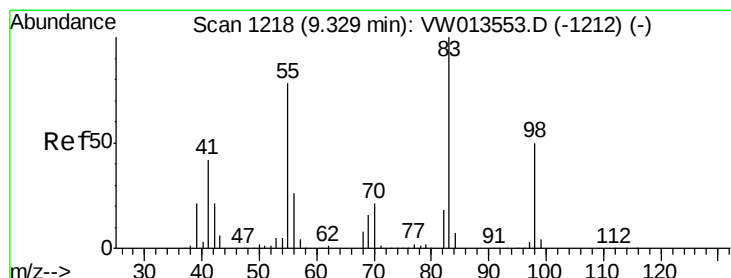
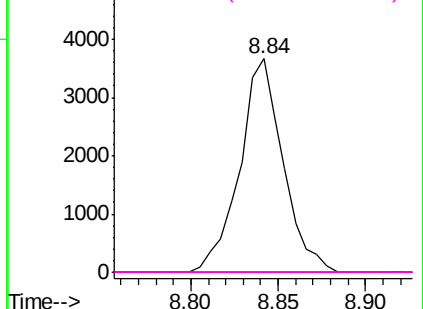


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.552 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.05 min

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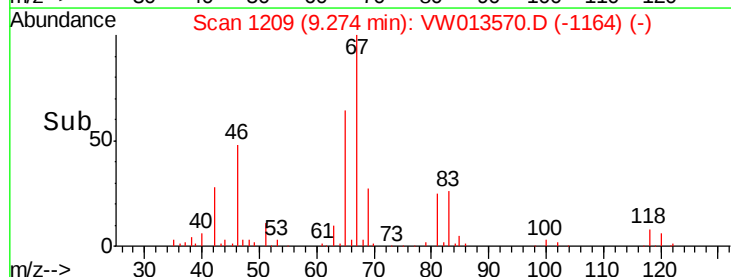
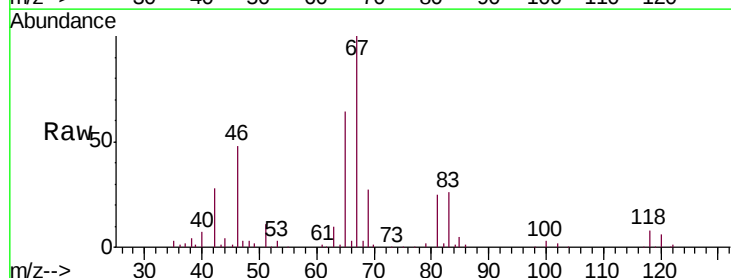
Tgt Ion: 83 Resp: 18983

Ion Ratio Lower Upper

83 100

55 0.2 60.4 90.6#

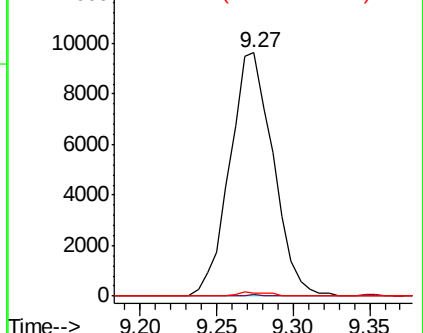
98 1.2 39.3 58.9#

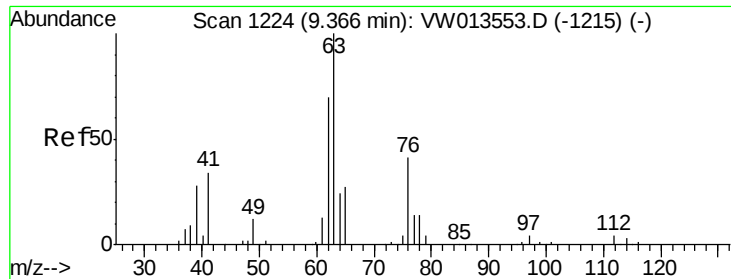


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

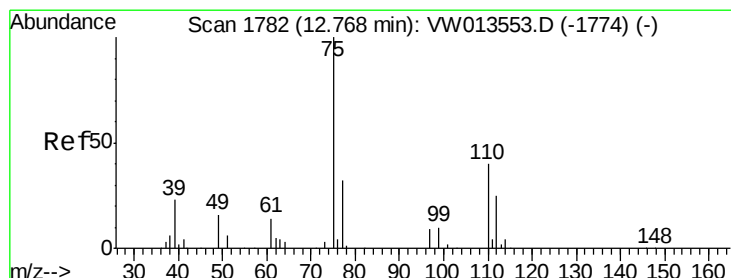
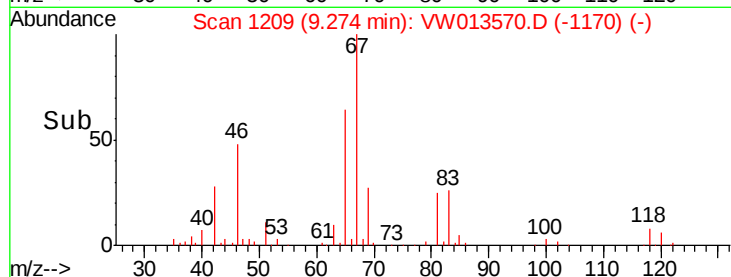
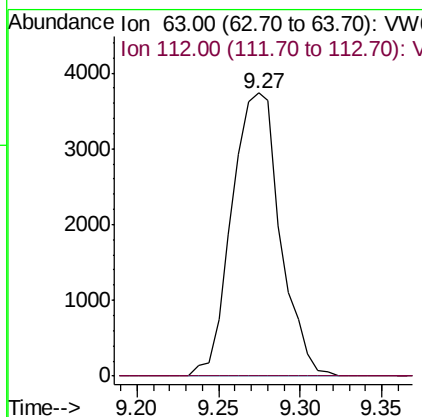
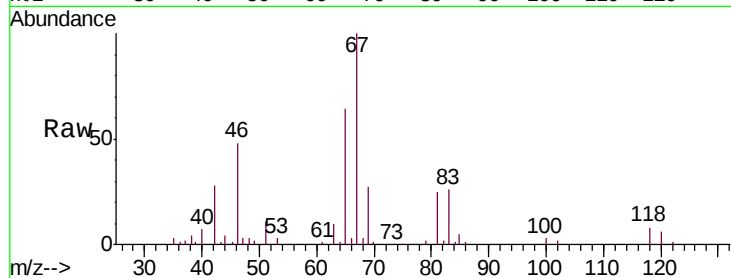




#40
 1,2-Dichloropropane
 Concen: 2.845 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
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 ClientSampleId :
 BFB90RE

Tgt Ion: 63 Resp: 7722
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#59
 1,2,3-Trichloropropane
 Concen: 3.997 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW013570.D
 Acq: 14 Oct 2019 18:35

Tgt Ion: 75 Resp: 7264
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.5 38.3

