

Data File : VW014097.D
Acq On : 22 Nov 2019 16:06
Operator : SY/VA
Sample : K5989-07
Misc : 4.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BK3

Quant Time: Nov 22 23:04:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 22 23:01:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	243342	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	186932	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	56603	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	60850	15.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.68%
7) Chloroethane-d5	2.89	69	59703	18.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.88%
10) 1,1-Dichloroethene-d2	4.02	63	98651	12.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.52%
20) 2-Butanone-d5	7.07	46	58326	51.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.42%
24) Chloroform-d	7.65	84	165505	22.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.48%
26) 1,2-Dichloroethane-d4	8.31	65	91068	24.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.84%
29) Benzene-d6	8.27	84	327209	24.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.68%
33) 1,2-Dichloropropane-d6	9.27	67	106501	27.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.64%
37) Toluene-d8	10.32	98	260295	20.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.80%
38) trans-1,3-Dichloropropene-	10.58	79	29879	17.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.84%
39) 2-Hexanone-d5	10.92	63	41299	56.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	88233	30.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.28%#
61) 1,2-Dichlorobenzene-d4	13.85	152	55691	24.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.96%

Target Compounds

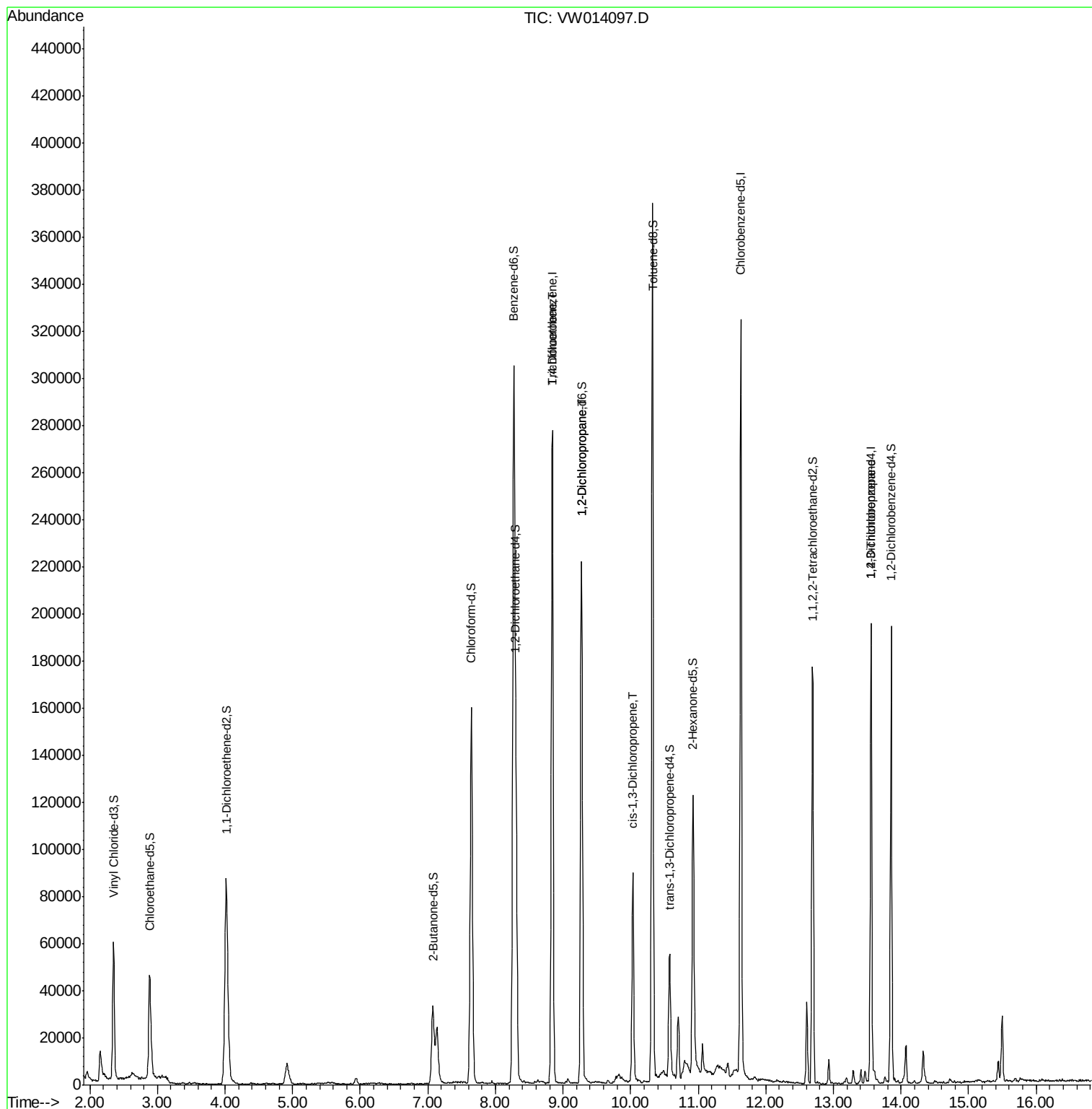
					Qvalue
35) Trichloroethene	8.84	95	6858	1.875 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	11392	3.451 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	1934	0.371 ug/L #	70
59) 1,2,3-Trichloropropane	13.55	75	5839	2.742 ug/L	91

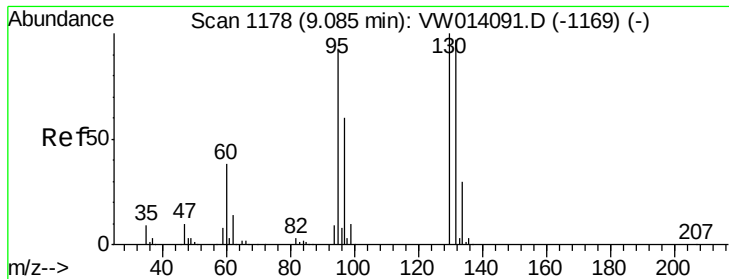
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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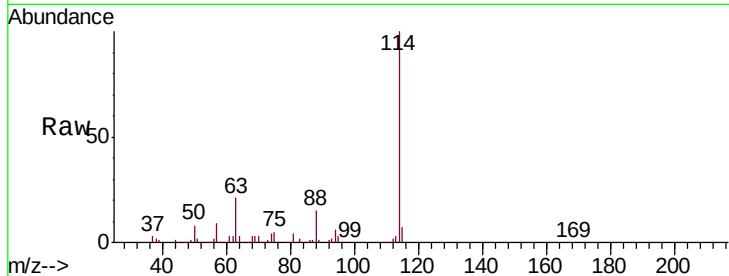




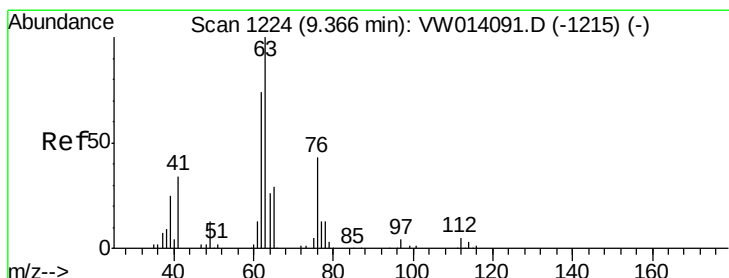
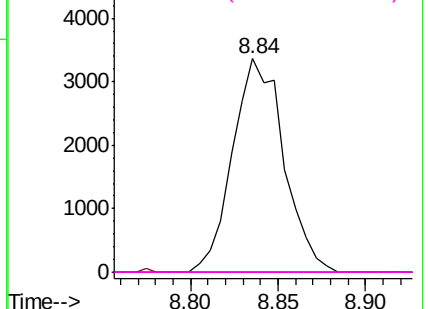
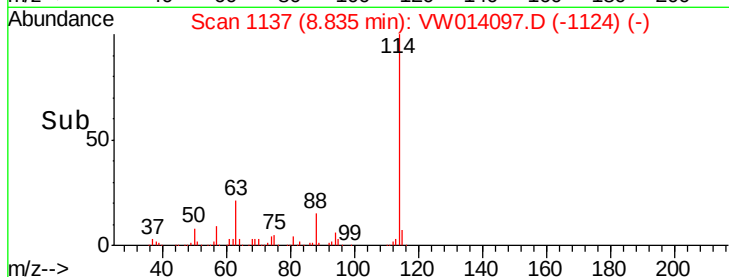
#35
 Trichloroethene
 Concen: 1.875 ug/L
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.25 min
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Instrument :
 MSVOA_W
 ClientSampled :
 C0BK3

Tgt Ion: 95 Resp: 6858
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.1 83.9#
 132 0.0 73.7 136.9#
 130 0.0 76.6 142.2#

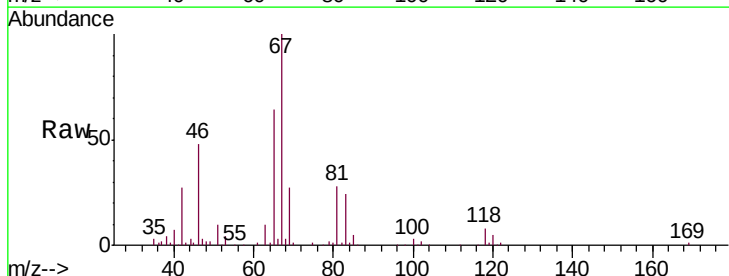


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

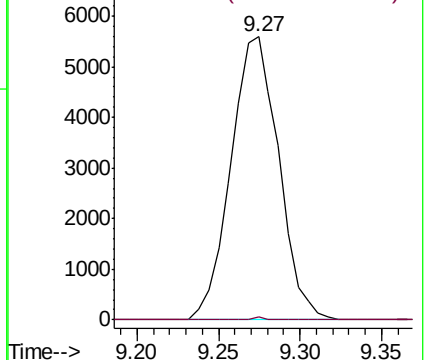
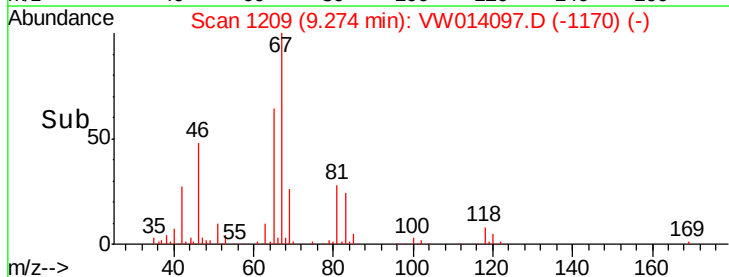


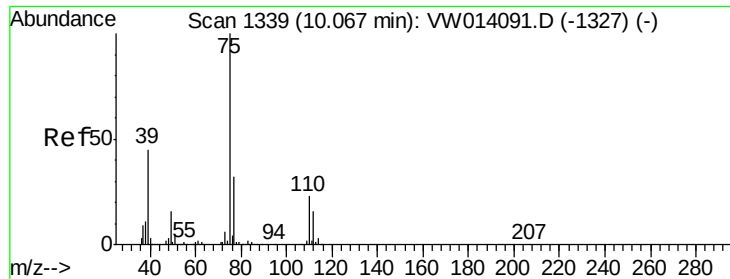
#40
 1,2-Dichloropropane
 Concen: 3.451 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW014097.D
 Acq: 22 Nov 2019 16:06

Tgt Ion: 63 Resp: 11392
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



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: 0.371 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

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Instrument :

MSVOA_W

ClientSampleId :

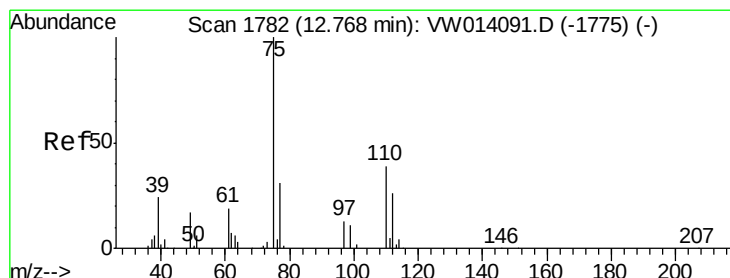
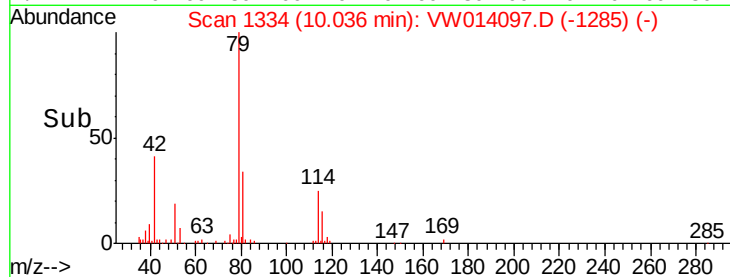
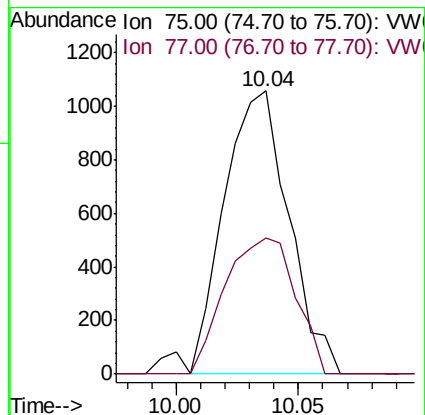
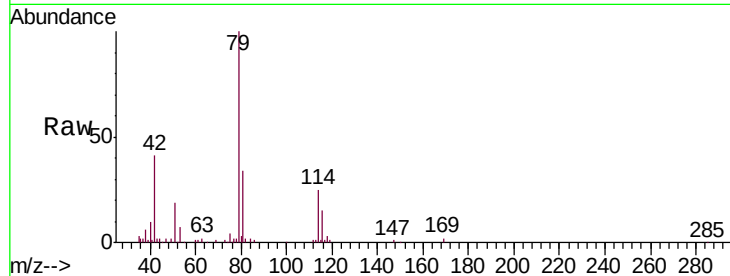
C0BK3

Tgt Ion: 75 Resp: 1934

Ion Ratio Lower Upper

75 100

77 48.2 22.1 41.1#



#59

1,2,3-Trichloropropane

Concen: 2.742 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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Tgt Ion: 75 Resp: 5839

Ion Ratio Lower Upper

75 100

77 37.3 25.9 38.9

