

Data File : VW014269.D
Acq On : 09 Dec 2019 17:10
Operator : SY/VA
Sample : K6172-03RE
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BS9RE

Quant Time: Dec 10 07:37:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 10 07:34:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	305884	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	276755	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	76997	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	97045	20.95	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.80%
7) Chloroethane-d5	2.89	69	84741	24.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.44%
10) 1,1-Dichloroethene-d2	4.01	63	135763	16.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.36%
20) 2-Butanone-d5	7.07	46	94439	78.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.48%#
24) Chloroform-d	7.65	84	236248	30.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	121.32%
26) 1,2-Dichloroethane-d4	8.45	65	89	0.02	ug/L	0.15
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	445810	27.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.96%
33) 1,2-Dichloropropane-d6	9.27	67	167192	33.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	134.00%#
37) Toluene-d8	10.32	98	330068	22.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.00%
38) trans-1,3-Dichloropropene-	10.58	79	55884	26.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.76%
39) 2-Hexanone-d5	10.92	63	62108	62.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	158844	39.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	156.24%#
61) 1,2-Dichlorobenzene-d4	13.85	152	91262	31.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	124.08%#

Target Compounds

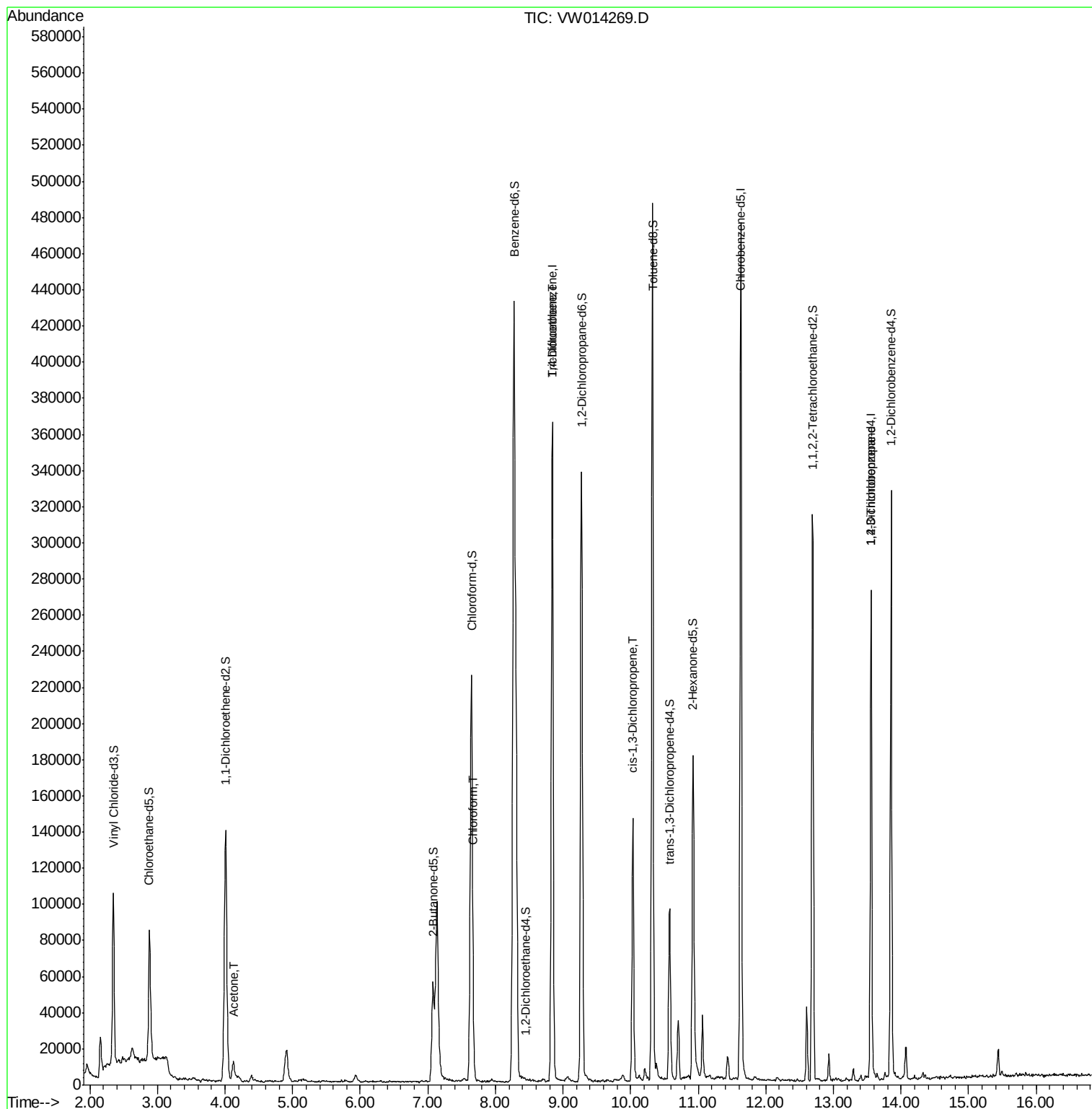
					Qvalue
13) Acetone	4.12	43	18939	16.274 ug/L	97
25) Chloroform	7.67	83	3325	0.435 ug/L #	17
35) Trichloroethene	8.84	95	9510	2.121 ug/L #	2
42) cis-1,3-Dichloropropene	10.03	75	3651	0.542 ug/L #	61
59) 1,2,3-Trichloropropane	13.55	75	9133	2.935 ug/L	96

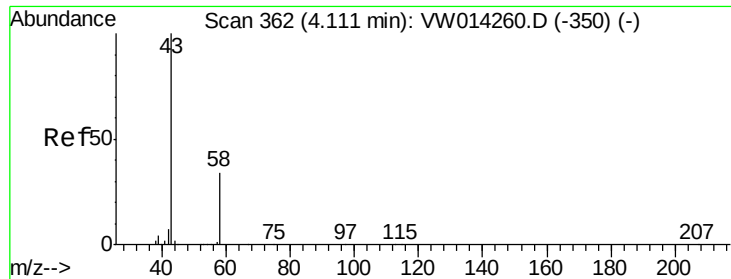
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 16.274 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 09 Dec 2019 17:10

Instrument :

MSVOA_W

ClientSampleId :

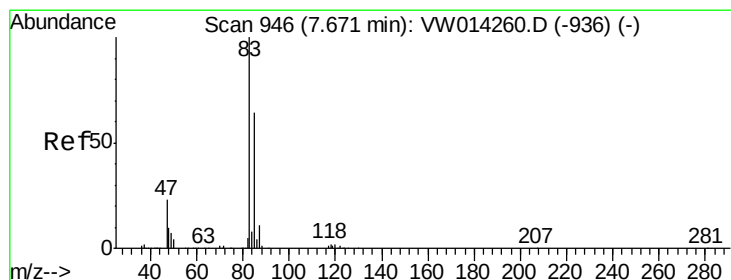
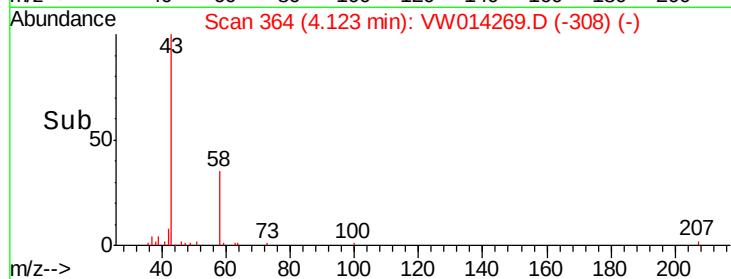
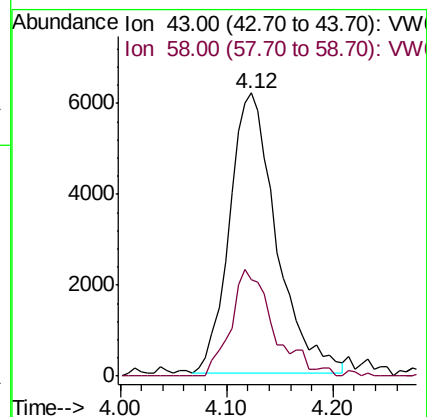
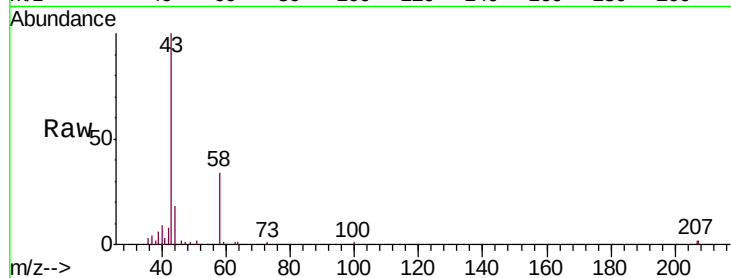
C0BS9RE

Tgt Ion: 43 Resp: 18939

Ion Ratio Lower Upper

43 100

58 31.2 0.0 65.4



#25

Chloroform

Concen: 0.435 ug/L

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

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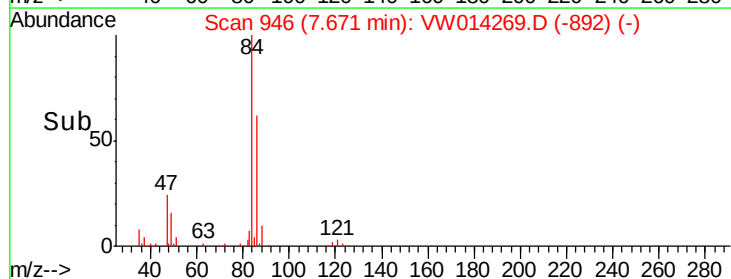
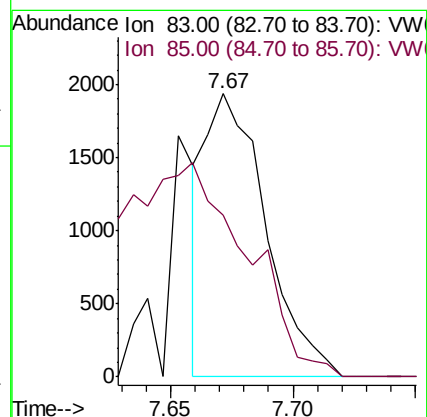
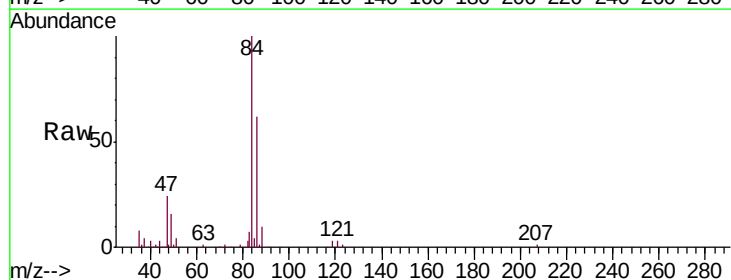
Acq: 09 Dec 2019 17:10

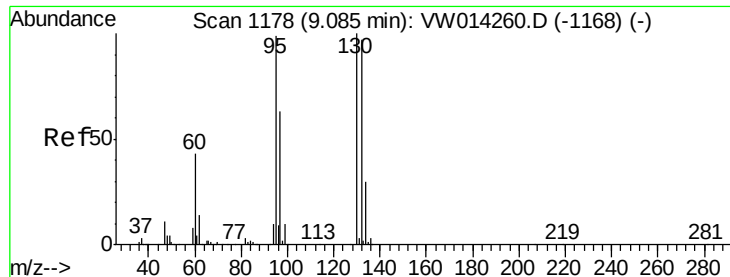
Tgt Ion: 83 Resp: 3325

Ion Ratio Lower Upper

83 100

85 0.0 46.1 85.7#





#35

Trichloroethene

Concen: 2.121 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

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Instrument :

MSVOA_W

ClientSampleId :

C0BS9RE

Tgt Ion: 95 Resp: 9510

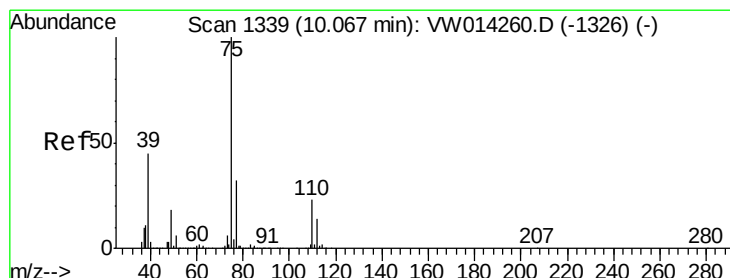
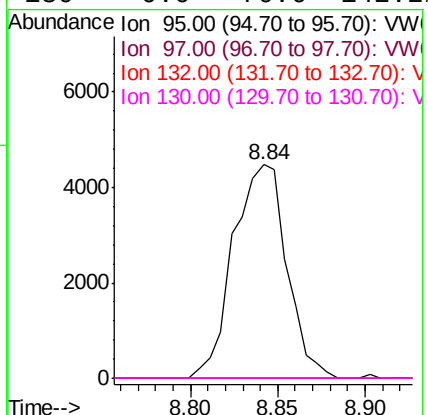
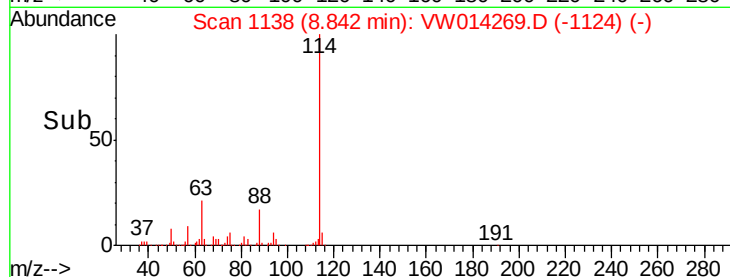
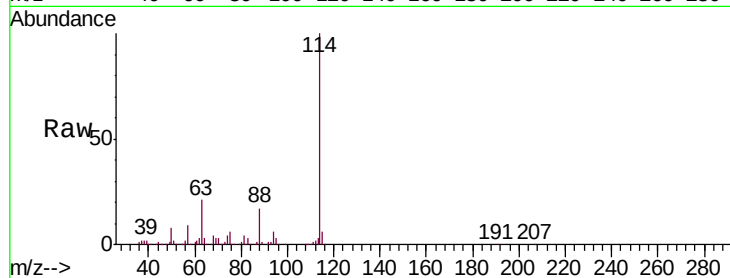
Ion Ratio Lower Upper

95 100

97 0.2 45.1 83.9#

132 0.0 73.7 136.9#

130 0.0 76.6 142.2#



#42

cis-1,3-Dichloropropene

Concen: 0.542 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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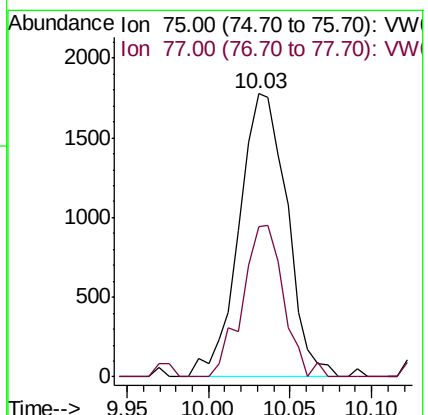
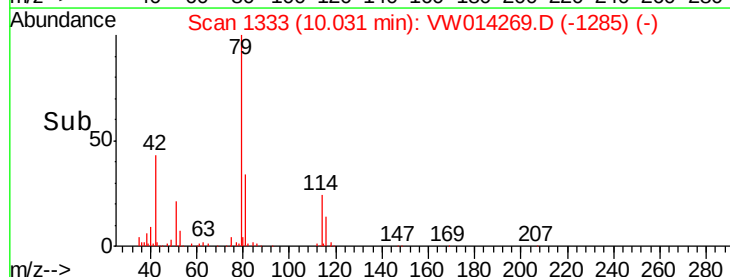
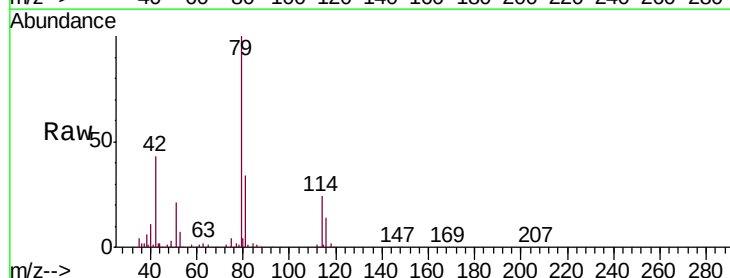
Acq: 09 Dec 2019 17:10

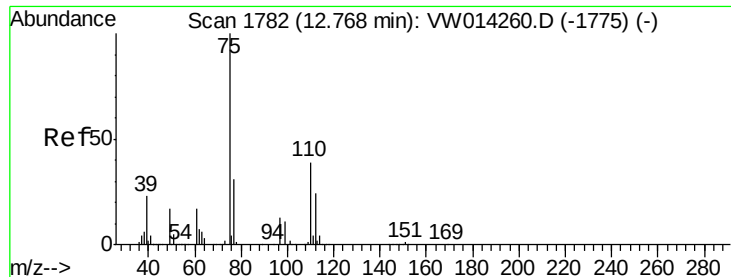
Tgt Ion: 75 Resp: 3651

Ion Ratio Lower Upper

75 100

77 53.1 22.1 41.1#





#59
 1,2,3-Trichloropropane
 Concen: 2.935 ug/L
 RT: 13.55 min Scan# 1911
 Delta R.T. 0.79 min
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Instrument :
 MSVOA_W
 ClientSampleId :
 C0BS9RE

Tgt Ion: 75 Resp: 9133
 Ion Ratio Lower Upper
 75 100
 77 34.9 25.9 38.9

