

Data File : VW014257.D
Acq On : 06 Dec 2019 18:36
Operator : SY/VA
Sample : K6171-12
Misc : 5.14G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BW1

Quant Time: Dec 07 04:14:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 07 04:10:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1066370	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	853125	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	251292	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	392564	24.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.24%
7) Chloroethane-d5	2.89	69	299848	24.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.88%
10) 1,1-Dichloroethene-d2	4.02	63	496484	17.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.64%
20) 2-Butanone-d5	7.07	46	161905	38.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.96%
24) Chloroform-d	7.64	84	666686	24.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	8.30	65	337258	23.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.76%
29) Benzene-d6	8.27	84	1375990	27.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.08%
33) 1,2-Dichloropropane-d6	9.27	67	436311	28.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.44%
37) Toluene-d8	10.32	98	1138784	25.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.76%
38) trans-1,3-Dichloropropene-	10.58	79	134230	20.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.20%
39) 2-Hexanone-d5	10.92	63	121850	39.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	296956	23.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	284503	29.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.52%

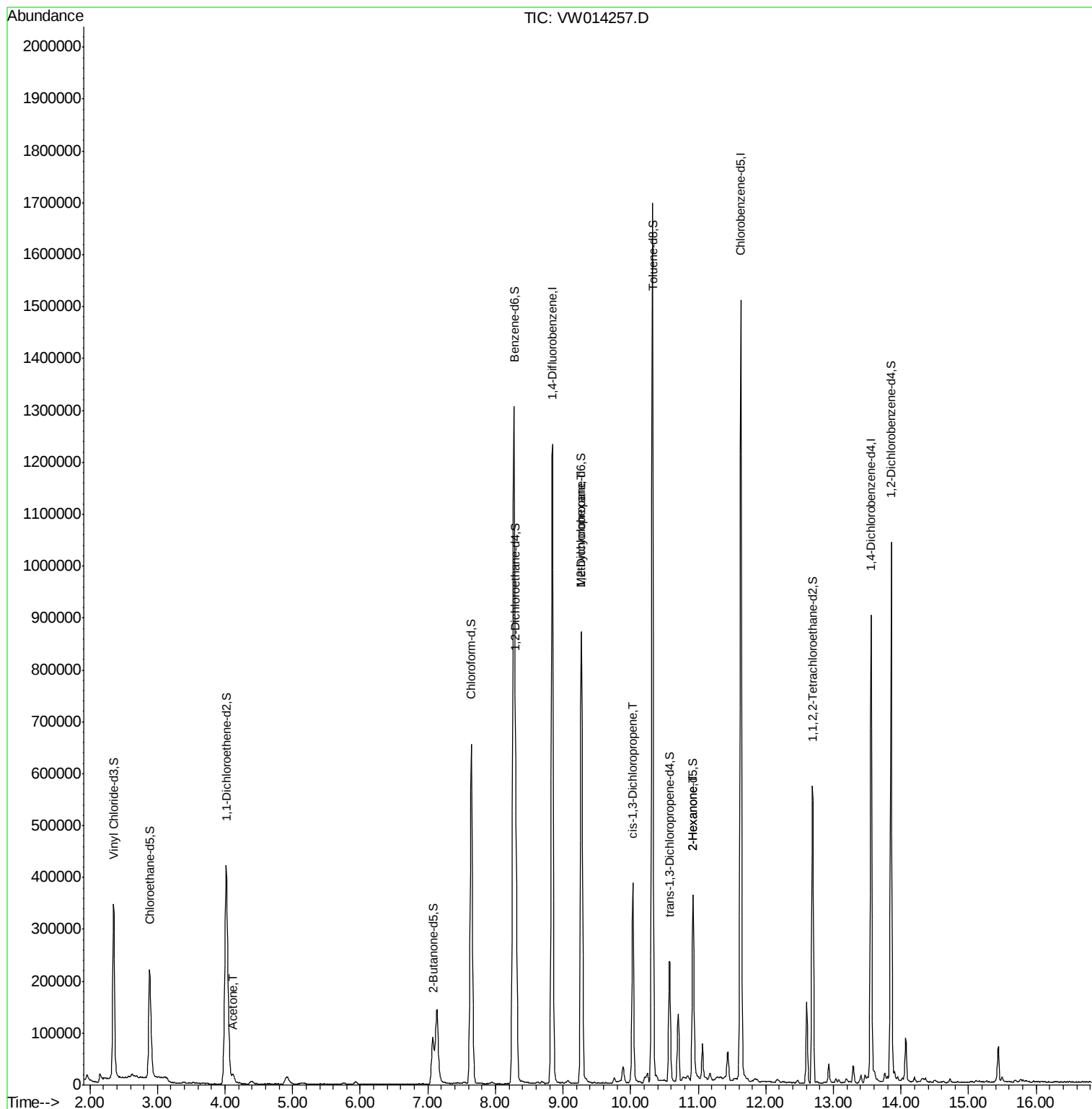
Target Compounds					Qvalue
13) Acetone	4.12	43	26927	6.637 ug/L	97
36) Methylcyclohexane	9.27	83	100648	4.334 ug/L #	20
42) cis-1,3-Dichloropropene	10.03	75	8965	0.431 ug/L #	68
49) 2-Hexanone	10.93	43	18011	2.765 ug/L #	64

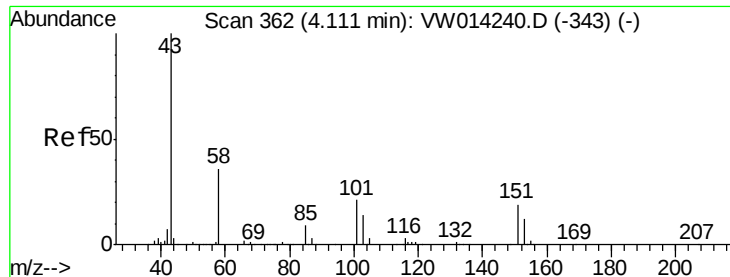
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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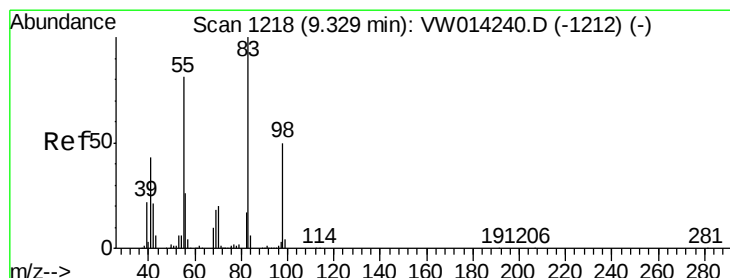
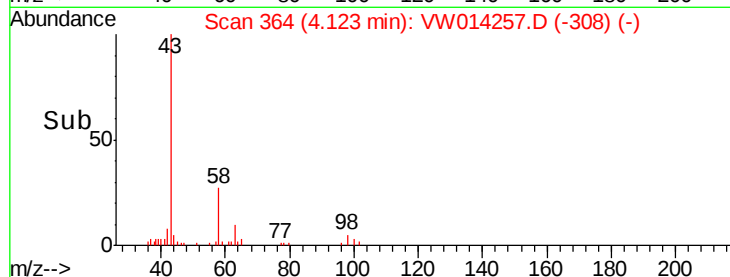
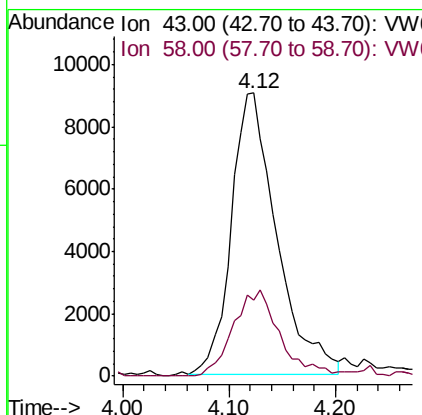
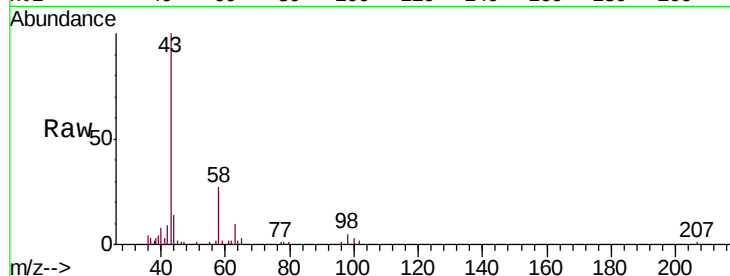




#13
Acetone
Concen: 6.637 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014257.D
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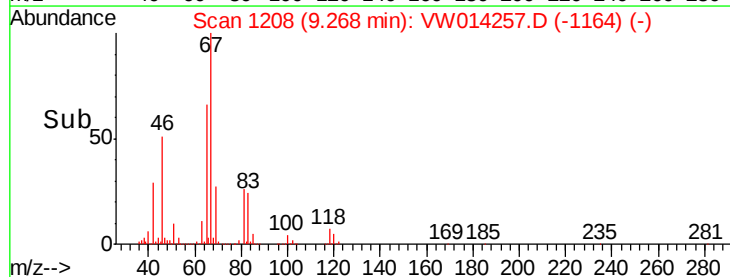
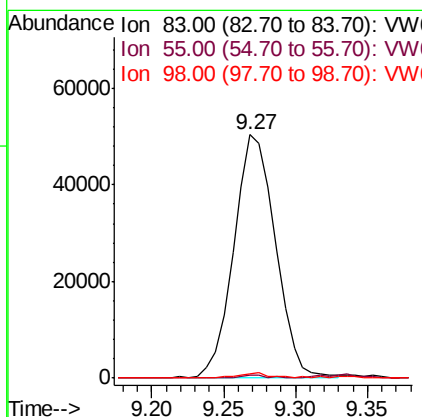
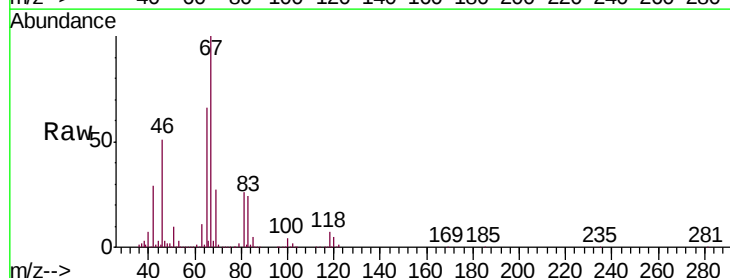
Instrument :
MSVOA_W
ClientSampleId :
C0BW1

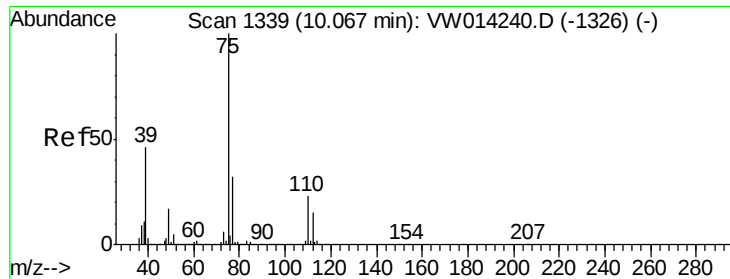
Tgt Ion: 43 Resp: 26927
Ion Ratio Lower Upper
43 100
58 31.2 0.0 65.4



#36
Methylcyclohexane
Concen: 4.334 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.06 min
Lab File: VW014257.D
Acq: 06 Dec 2019 18:36

Tgt Ion: 83 Resp: 100648
Ion Ratio Lower Upper
83 100
55 0.6 59.8 89.8#
98 1.6 39.5 59.3#





#42

cis-1,3-Dichloropropene

Concen: 0.431 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW014257.D

Acq: 06 Dec 2019 18:36

Instrument :

MSVOA_W

ClientSampleId :

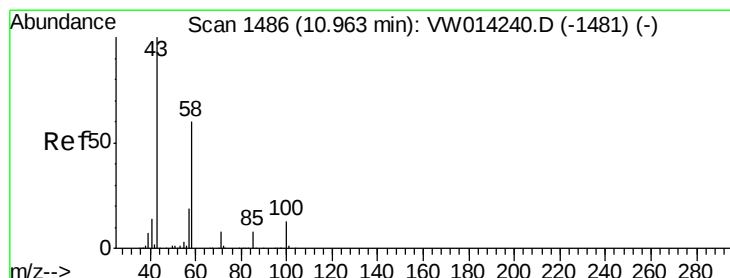
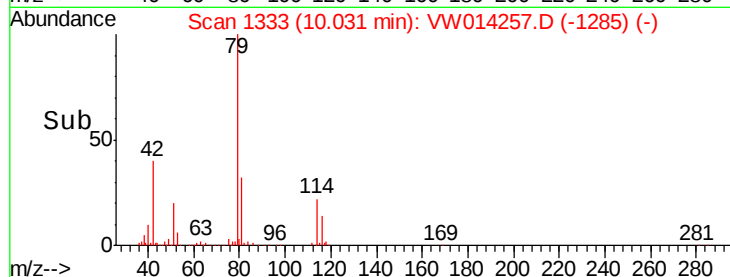
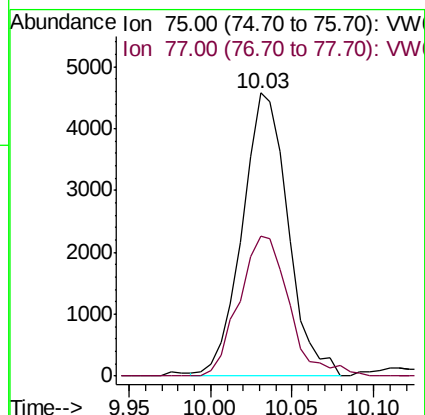
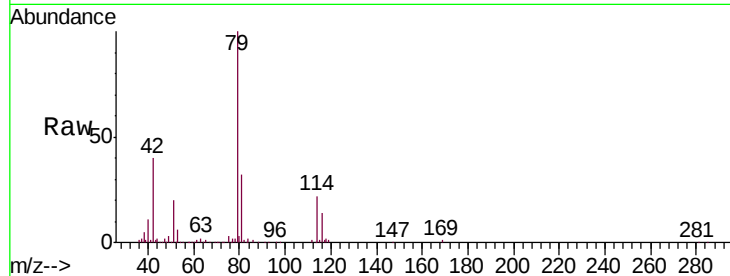
C0BW1

Tgt Ion: 75 Resp: 8965

Ion Ratio Lower Upper

75 100

77 49.6 22.1 41.1#



#49

2-Hexanone

Concen: 2.765 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

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Tgt Ion: 43 Resp: 18011

Ion Ratio Lower Upper

43 100

58 24.2 44.4 66.6#

57 29.5 16.5 24.7#

100 1.5 11.1 16.7#

