

Data File : VW014444.D
Acq On : 18 Dec 2019 21:08
Operator : SY/VA
Sample : VW1218SBL02
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK15

Quant Time: Dec 19 04:37:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 19 04:35:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1040875	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	952641	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	412917	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	285786	18.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.52%
7) Chloroethane-d5	2.89	69	247615	21.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.52%
10) 1,1-Dichloroethene-d2	4.02	63	419351	15.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.24%
20) 2-Butanone-d5	7.07	46	178512	43.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.92%
24) Chloroform-d	7.64	84	620095	23.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	8.30	65	332493	23.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.72%
29) Benzene-d6	8.27	84	1267247	22.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.80%
33) 1,2-Dichloropropane-d6	9.27	67	406219	23.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.60%
37) Toluene-d8	10.32	98	1116530	22.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.48%
38) trans-1,3-Dichloropropene-	10.57	79	144367	20.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.12%
39) 2-Hexanone-d5	10.92	63	132783	38.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	299157	21.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	370286	23.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.88%

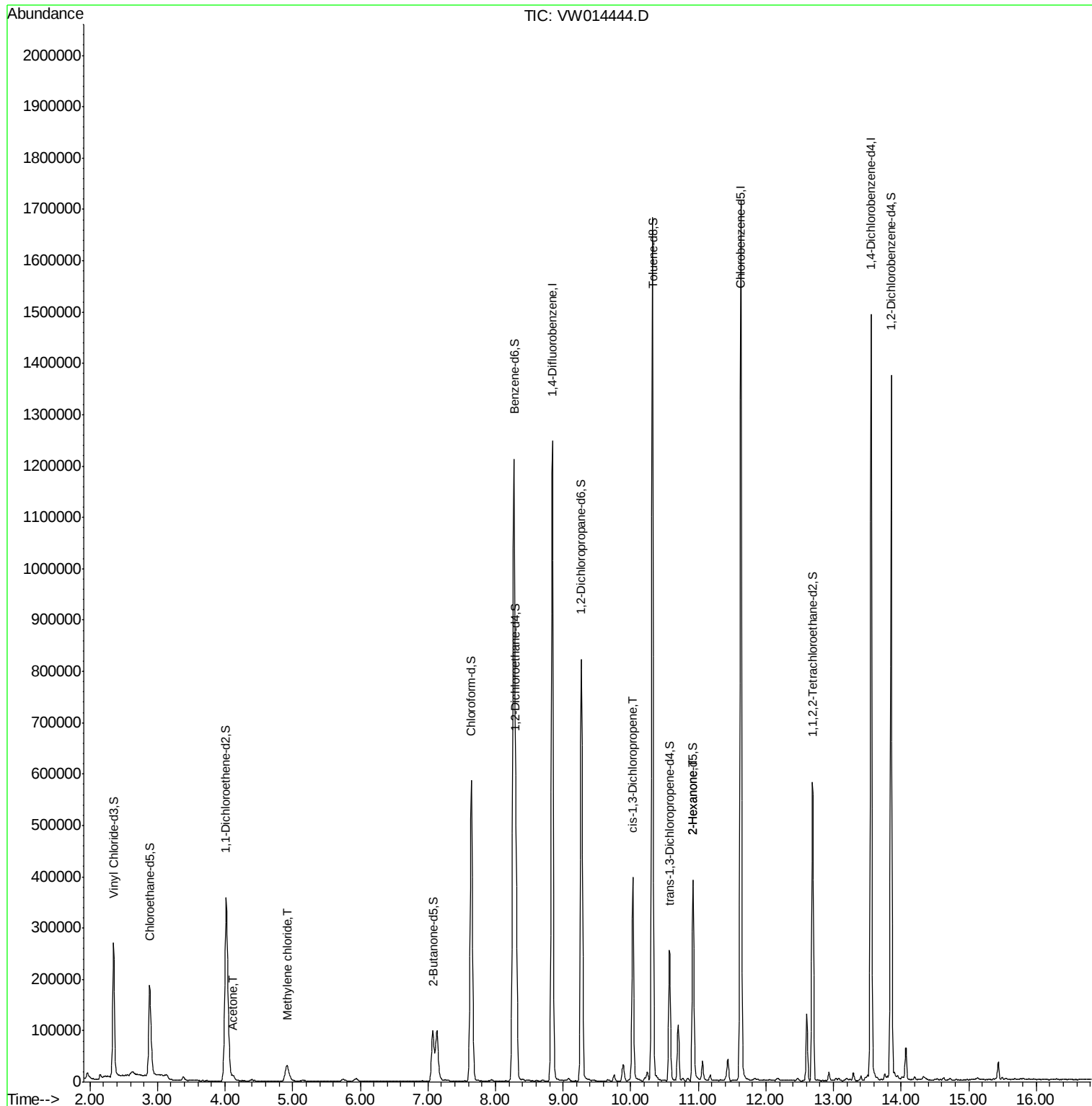
Target Compounds					Qvalue
13) Acetone	4.12	43	13689	3.457 ug/L	94
16) Methylene chloride	4.92	84	26514	1.662 ug/L	82
42) cis-1,3-Dichloropropene	10.04	75	9347	0.403 ug/L #	66
49) 2-Hexanone	10.92	43	16355	2.248 ug/L #	68

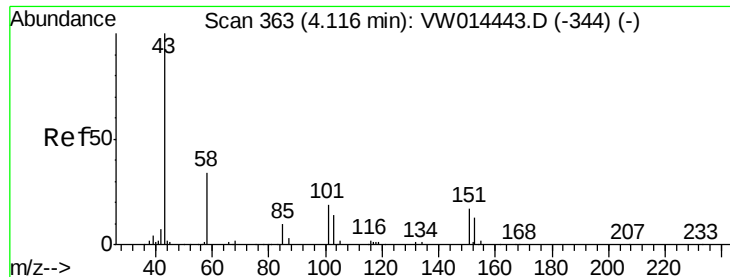
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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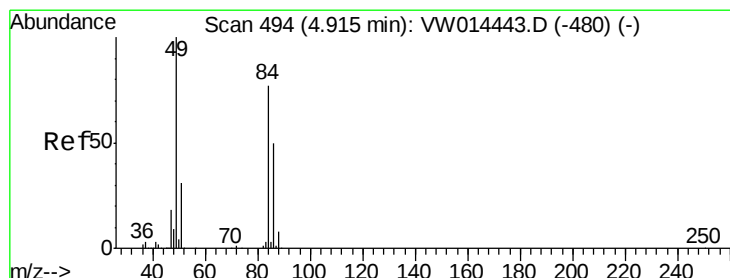
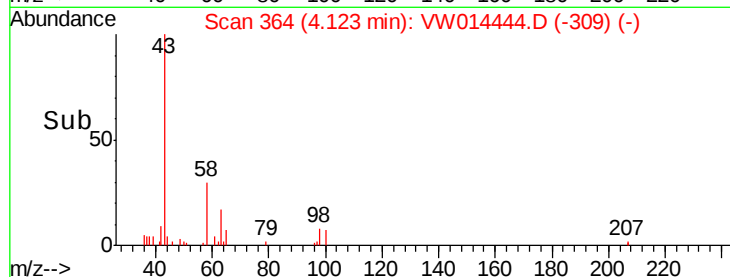
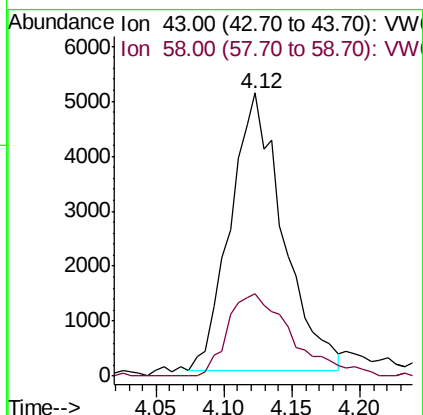
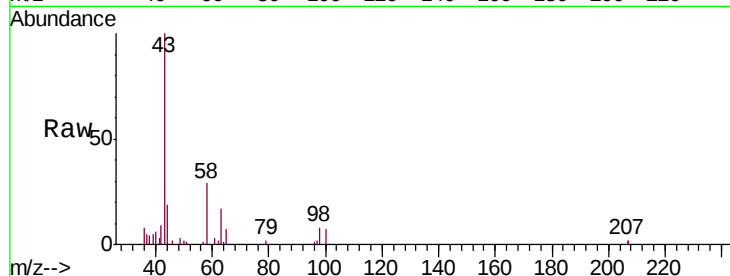




#13
Acetone
Concen: 3.457 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014444.D
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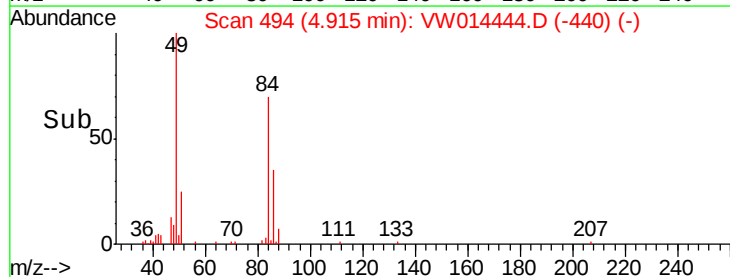
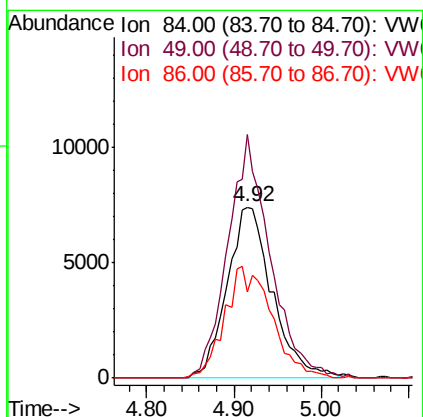
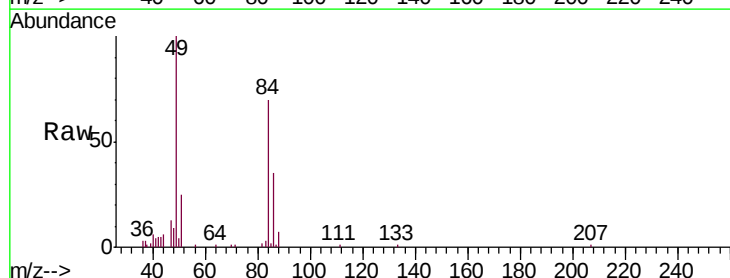
Instrument :
MSVOA_W
ClientSampleId :
VBLK15

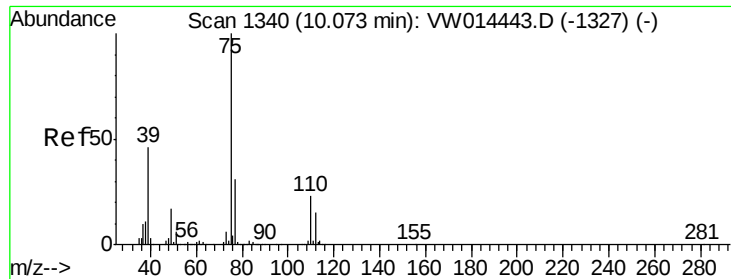
Tgt Ion: 43 Resp: 13689
Ion Ratio Lower Upper
43 100
58 36.1 0.0 65.4



#16
Methylene chloride
Concen: 1.662 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW014444.D
Acq: 18 Dec 2019 21:08

Tgt Ion: 84 Resp: 26514
Ion Ratio Lower Upper
84 100
49 142.2 84.2 156.4
86 50.4 43.7 81.1





#42

cis-1,3-Dichloropropene

Concen: 0.403 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW014444.D

Acq: 18 Dec 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

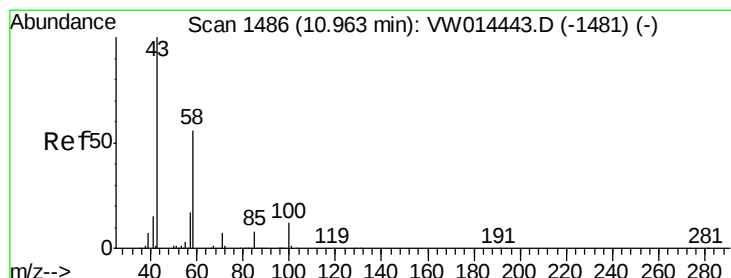
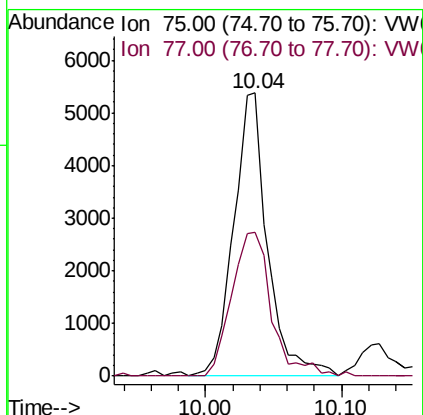
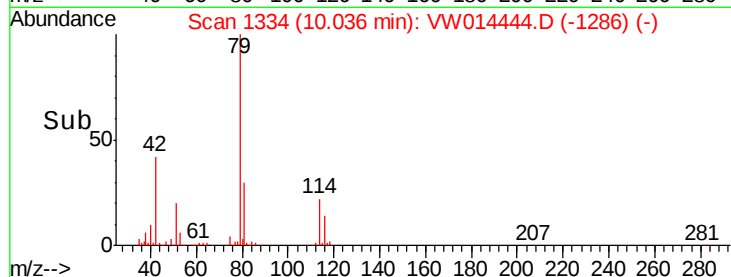
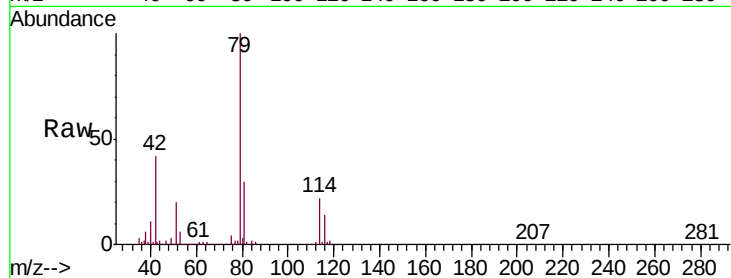
VBLK15

Tgt Ion: 75 Resp: 9347

Ion Ratio Lower Upper

75 100

77 50.7 22.1 41.1#



#49

2-Hexanone

Concen: 2.248 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

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Acq: 18 Dec 2019 21:08

Tgt Ion: 43 Resp: 16355

Ion Ratio Lower Upper

43 100

58 29.3 44.4 66.6#

57 30.4 16.5 24.7#

100 1.3 11.1 16.7#

