

Data File : VW011771.D
Acq On : 08 Aug 2019 13:23
Operator : SY/VA
Sample : VIBLK01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK01

Quant Time: Aug 09 02:31:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 02:27:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	363071	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	327624	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	156133	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	90980	17.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.20%
7) Chloroethane-d5	2.89	69	78255	21.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.00%
10) 1,1-Dichloroethene-d2	4.01	63	164499	14.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.16%
20) 2-Butanone-d5	7.08	46	97736	42.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.92%
24) Chloroform-d	7.65	84	205872	20.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	8.31	65	129833	22.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.00%
29) Benzene-d6	8.27	84	427539	20.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.00%
33) 1,2-Dichloropropane-d6	9.27	67	141761	21.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.28%
37) Toluene-d8	10.32	98	374238	20.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.88%
38) trans-1,3-Dichloropropene-	10.58	79	57035	19.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.28%
39) 2-Hexanone-d5	10.93	63	66762	42.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	115462	20.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	130158	21.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.52%

Target Compounds

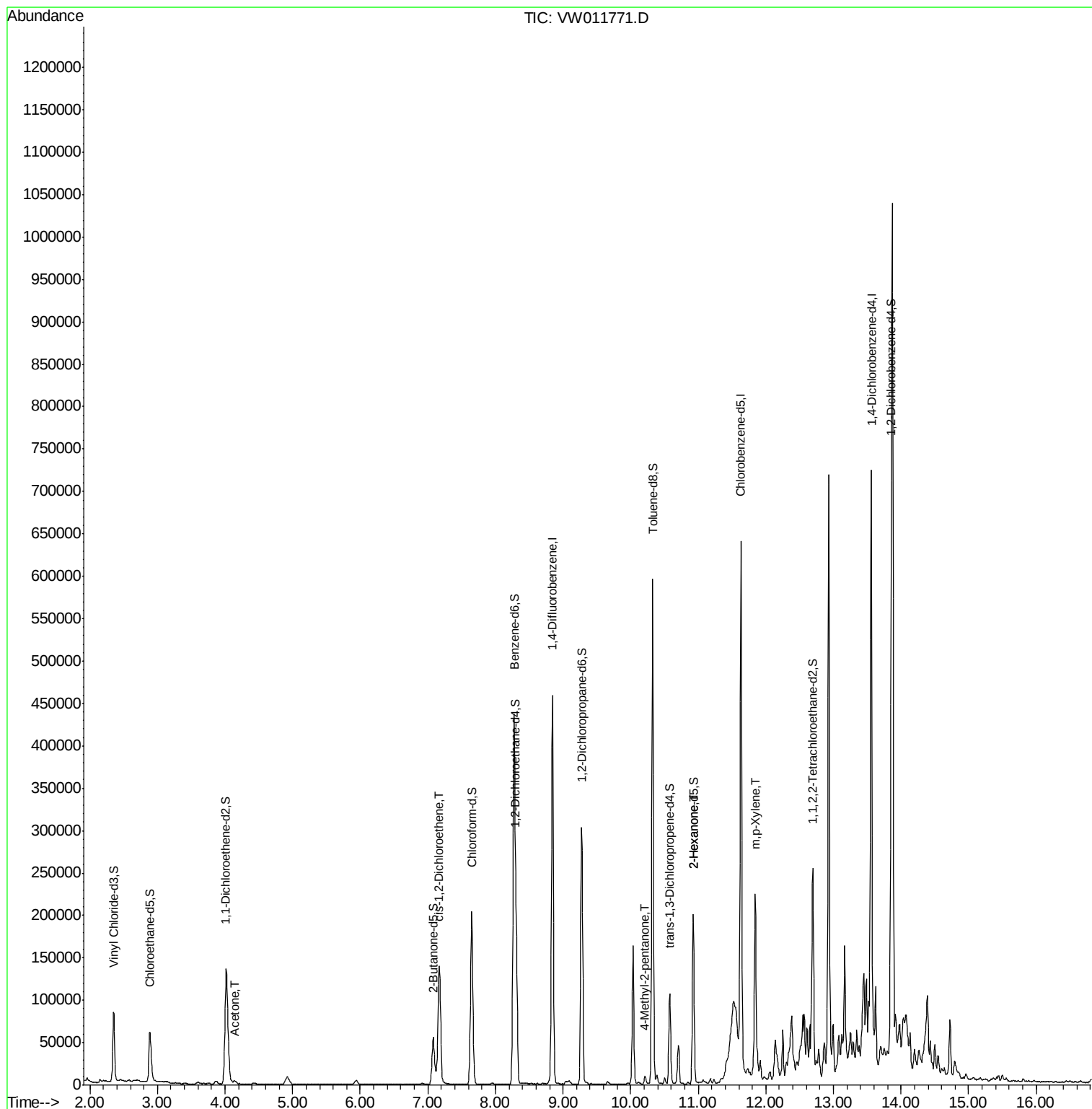
					Qvalue
13) Acetone	4.14	43	4477	1.816 ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	77209	13.698 ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	8530	1.536 ug/L	96
49) 2-Hexanone	10.93	43	9611	2.247 ug/L #	64
54) m,p-Xylene	11.84	106	7254	0.767 ug/L	90

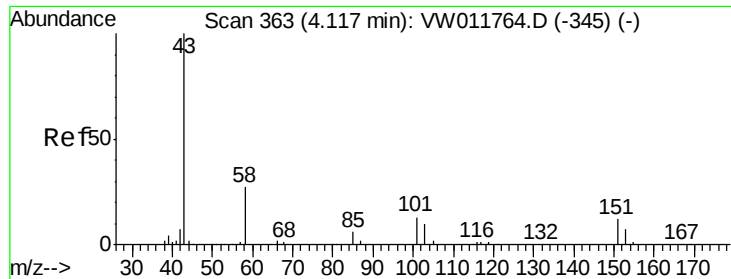
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.816 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

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Instrument :

MSVOA_W

ClientSampleId :

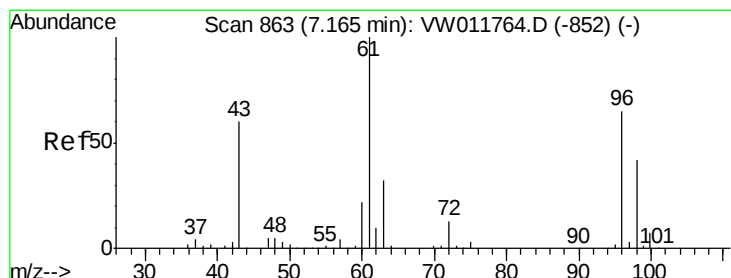
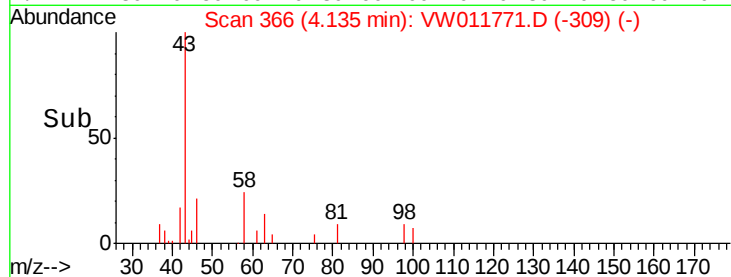
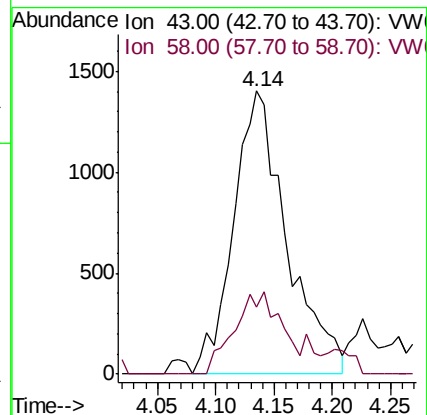
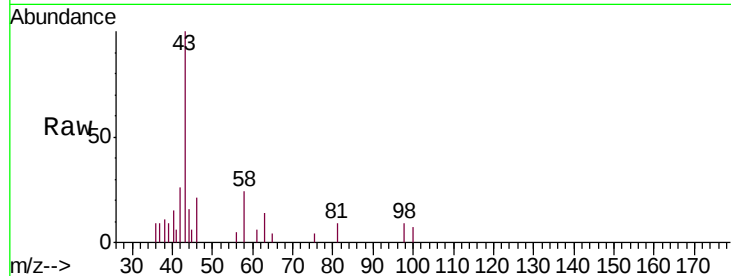
VIBLK01

Tgt Ion: 43 Resp: 4477

Ion Ratio Lower Upper

43 100

58 25.5 0.0 53.4



#22

cis-1,2-Dichloroethene

Concen: 13.698 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

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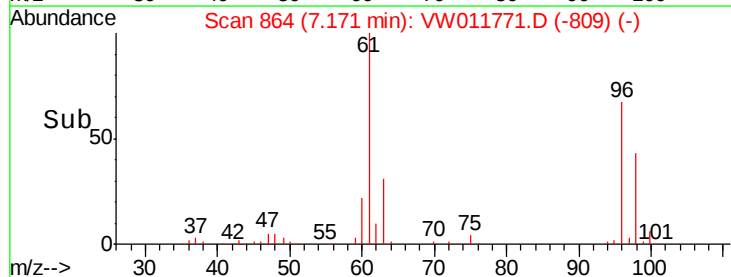
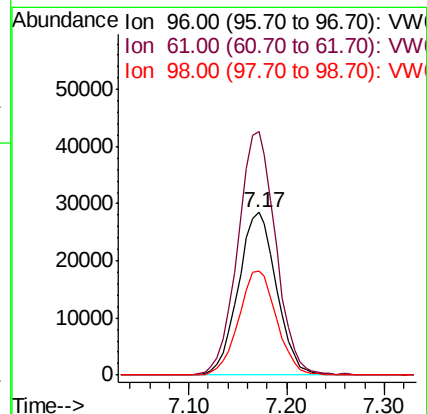
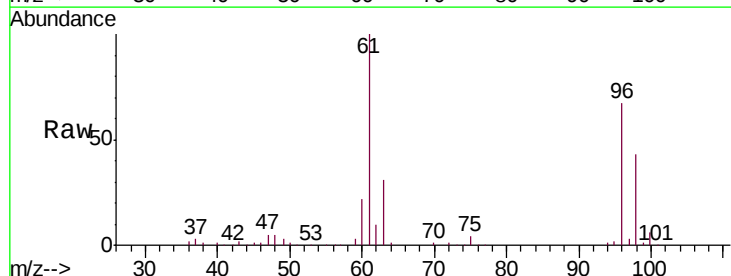
Tgt Ion: 96 Resp: 77209

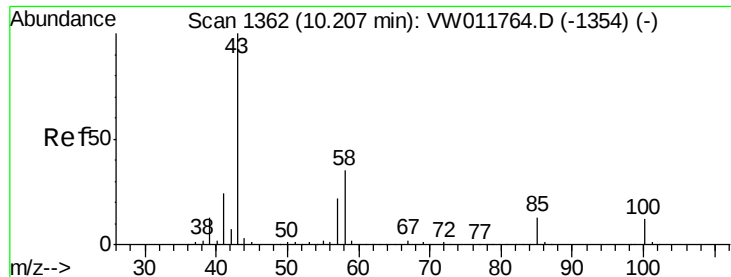
Ion Ratio Lower Upper

96 100

61 149.9 103.9 192.9

98 63.9 43.5 80.9

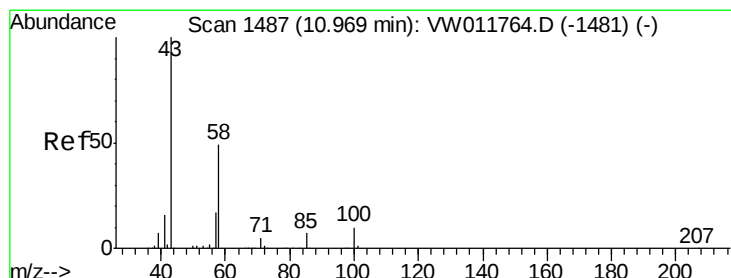
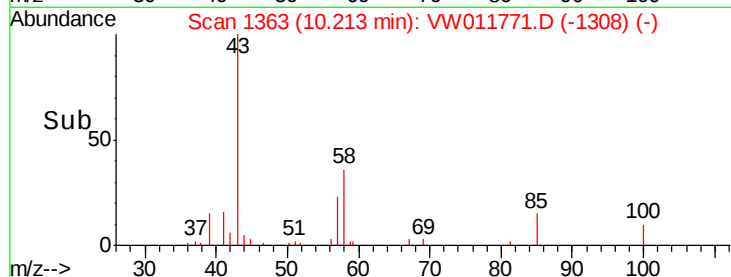
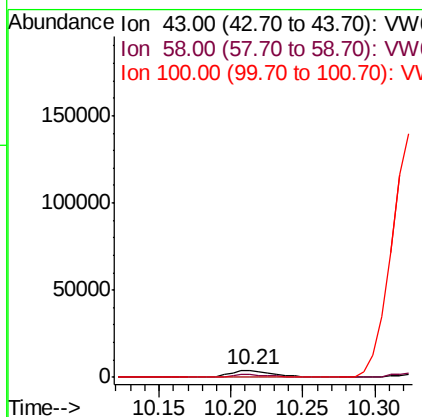
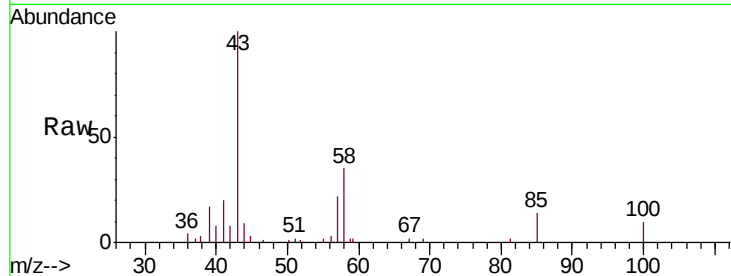




#43
4-Methyl-2-pentanone
Concen: 1.536 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW011771.D
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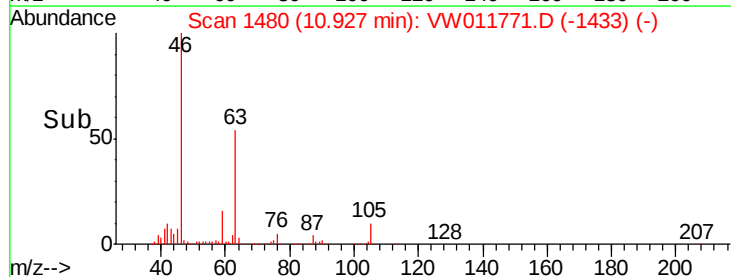
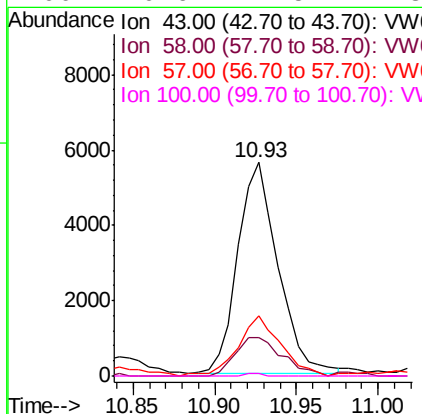
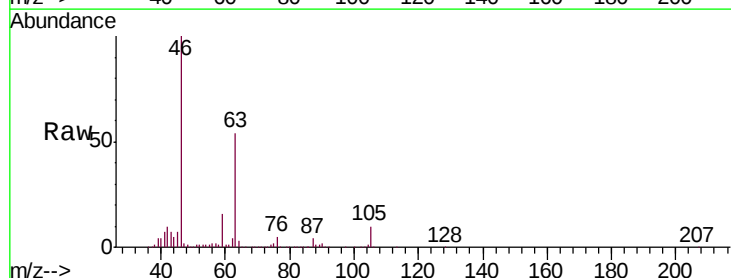
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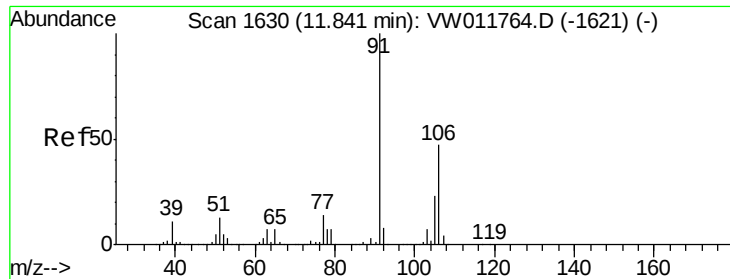
Tgt Ion: 43 Resp: 8530
Ion Ratio Lower Upper
43 100
58 32.3 28.0 42.0
100 11.0 9.4 14.2



#49
2-Hexanone
Concen: 2.247 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW011771.D
Acq: 08 Aug 2019 13:23

Tgt Ion: 43 Resp: 9611
Ion Ratio Lower Upper
43 100
58 21.3 38.6 57.8#
57 29.6 13.0 19.6#
100 0.6 7.5 11.3#





#54

m,p-Xylene

Concen: 0.767 ug/L

RT: 11.84 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW011771.D

Acq: 08 Aug 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

VIBLK01

Tgt Ion:106 Resp: 7254

Ion Ratio Lower Upper

106 100

91 198.4 149.6 277.8

